

Oregon Community Colleges

Catalog of Lower Division Collegiate Courses

September 2001

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LOWER DIVISION COLLEGIATE COURSES

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INTRODUCTION

Lower Division Collegiate (LDC) course approval is intended to facilitate the development of courses and curricula which are generally accepted as freshman and sophomore level and which have content parallel to those offered at the state's universities.

Statutory authority for LDC courses is granted in ORS 341.425. The State Board of Education administers LDC courses through OAR 589-006-0200.

What is a lower division collegiate course?

LDC is defined as areas of instruction, including a representative range of academic and professional fields, which

- Parallel the offerings of the first two years of the four-year institutions;
- Carry regular college transfer credit; and
- Generally are accepted for transfer credit by higher education institutions.

The term 'parallel' is defined as meeting any of the following criteria:

- Courses have been adopted as part of the Oregon University System/community college common course numbering effort;
- Duplicate courses are or have been offered by Oregon University System institutions within the recent past;
- Content is similar in level and depth of investigation to that covered in other disciplines at the lower division level; e.g., Beginning Korean is similar to Beginning French; and
- Course is widely recognized as a lower division course on a regional or national basis.

Community colleges are not allowed to:

- Offer coursework that is generally accepted to be of an upper division level at Oregon University System institutions;
- Grant upper division credit; and
- Use collegiate level numbering (alpha numeric 100-299) on courses normally offered during high school.

What's the difference between "Collegiate Level" and a "Lower Division Collegiate" course?

"Collegiate level" is a term that denotes more than college / university transfer courses.

Collegiate level also includes professional technical education coursework & other courses that exceed basic skills, workplace readiness, and fundamental technical skills. They provide skills & information beyond what is normally gained before or during the secondary school level. Collegiate level work is characterized by analysis, synthesis and applications in which students demonstrate an integration of skills & critical thinking. Lower Division Collegiate courses are collegiate level courses intended for use in fulfilling the requirements of an Associate of Arts or Science degree and transfer into a baccalaureate program. LDC courses must meet all of the criteria stated above.

When do I have to get a course approved?

All new LDC courses must be approved by the Department of Community Colleges and Workforce Development (CCWD). Unlike professional technical education courses, inclusion of a new LDC course with professional technical education program approval documents does not assure CCWD approval as a lower division collegiate course. Separate “Application for Approval of New or Revised Courses: Lower Division Courses” forms must be submitted to the CCWD Instruction Specialist.

How do I use the lower division collegiate catalog?

The LDC catalog is intended as a resource for community colleges to use in the course development and approval process. It should be used as a guide, suggesting places to start looking for additional information on similar courses such as course outlines and courses equivalencies. Like previous editions, if the course is included in the catalog, colleges may shortcut the approval process by simply notifying CCWD in writing of the intent to offer the course. They do not need to submit a completed copy of the course approval form (found on **page 156** and at <ftp://159.121.128.138/downloads>). Colleges should be aware, however, that just like completion of the approval form, they are certifying that their research has shown their course will prepare students to meet substantially the same outcomes as other colleges offering that course.

Credit noted in the LDC catalog is generally the maximum credit approved for a course, and fewer credits may be offered without approval. If course numbers, titles or descriptions vary significantly from those printed in the LDC catalog, separate course approvals are necessary. Courses used to fulfill all but the electives portion of an AA-OT degree must be at least three credits.

Courses marked with an asterisk (*) in the LDC catalog are included in the statewide common course numbering system and may need to be reviewed by discipline-based committees before approval if changes are significant.

This catalog is to be used as a guide in development of curriculum and as a tool in the course approval process. It is not to be taken as a guarantee of course transferability. Courses found on the following pages of this catalog have been approved for at least one community college, but course outcomes may vary and colleges are still responsible for confirming transferability of their institution’s course with the appropriate Oregon University System institution(s).

What is the lower division collegiate course approval process?

The LDC course approval process involves four steps for community colleges:

1. The college completes its internal campus adoption process.
2. The college sends a completed “Application for Approval of New or Revised Courses: Lower Division Collegiate Courses” to CCWD (see **page 156** or <ftp://159.121.128.138/downloads>).
3. CCWD evaluates, approves or denies the request, logs their response into CCWD records, and returns the form to the college.
4. The college adopts the course if it is approved. A revised approval form may be submitted with changes and/or corrections if the request was denied.

Key to column headings on the following catalog pages:

Main Subject and (*): The primary organizing subject is found in this column. An * means that the course is included on the Oregon University System and Community College Common Course Numbering List.

Course #: Selected alpha prefixes for lower division courses with course numbers 100-299. Courses with professional technical alphas are not listed in this catalog but may transfer.

Sub Subject Course #: Secondary organizing course number used for sorting purposes.

Title: Course name.

Description: A brief description of topics covered in the course.

CR: Maximum approved credit hours to be awarded for completion of the course.

CC Offer: Community colleges offering this or a similar course are coded as follows. This information is included to assist curriculum developers in locating courses similar to the ones they considering.

BM	Blue Mountain	MH	Mount Hood
CE	Central Oregon	OC	Oregon Coast
CH	Chemeketa	PO	Portland
CL	Clackamas	RO	Rogue
CG	Columbia Gorge	SW	Southwestern
CT	Clatsop	TB	Tillamook Bay
KL	Klamath	TV	Treasure Valley
LA	Lane	UM	Umpqua
LB	Linn-Benton		

OUS CEQ: Oregon University System institutions with web sites where course equivalency information can be found. Inclusion here does not guarantee that the course is on their equivalency table but is provided as a place to begin checking for equivalency information.

OSU	Oregon State University
PSU	Portland State University
SOU	Southern Oregon University
UO	University of Oregon

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
AGRICULTURE	ANS 100		Orientation to Animal Sciences	Orientation of incoming animal sciences students to college life with emphasis on faculty, facilities, services and curricula of the Department of Animal Sciences. Case study approach to decision making will be introduced.	2		
	ANS 121		Intro to Animal Sciences	Principles of breeding, physiology, nutrition, and management as they apply to modern livestock and poultry production.	4	BM,TV	
	ANS 207		Soph Seminar Careers Animal Ag	Careers in Animal Agriculture Examination of career opportunities in animal science.	1	CH,	
	ANS 210		Applied Animal Nutrition: F&P	Feeds and Feed Processing Characteristics of feedstuffs available for livestock use. Major feed processing methods and their effects on the bio availability of feed nutrients.	3	BM,TV	
	ANS 211		Applied Animal Nutrition: R-F	Ration Formulation Nutrient requirements of domestic animals, ration formulation, and feeding recommendations.	3	TV,	
	ANS 216		Sheep/Swine Industries	Introduction to the sheep and swine industries including history, current status and production practices, with demonstration and hands-on experience of basic husbandry practices.	3	TV,	
	ANS 220		Introductory Horse Science	Introduction to horses, their history, breeds, form and function, performance evaluation, current industry status, and general management.	3	TV,	
	ANS 221		Equine Industries	Instruction and practice of management skills involved in the feeding, handling and health care of horses. Provides valuable industry contacts through guest speakers and field trips.	2	BM,	
	ANS 223		Equine Marketing	Covers practical concepts of equine marketing. Emphasis on market assessment, targeting buyers, marketing and advertising strategies, product preparation and presentation, marketing legalities.	3	LB,	
	ANS 231		Livestock Evaluation	Visual appraisal of market and breeding classes of beef cattle, sheep, and swine. Live animal and carcass comparisons.	2	BM,	
	ANS 243		Beef Production Systems: S/F	Stocker/Feedlot System Fundamentals of nutrition, reproductive physiology and health programs and their applications in the care and management of beef cattle.	3		
ANS 280		Cooperative Work Experience:	On-the-job experience(paid of volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .				

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
ANTHROPOLOGY	ANTH 100		Intro/Archeology & Anthropology	An introduction to human biology and cultural development, including anthropological approaches traces through the advent of agriculture and urbanization	4		
	ANTH 101		Intro to Physical Anthropology	Introduction to Physical Anthropology Presents physical anthropology and the study of human biological evolution in the context of modern genetics and primate behavior studies. Examines the human fossil record, as well as the diversity and commonality of present and past populations of humankind.	3	PO,KL,	OSU, PSU,UO,
	ANTH 102		Intro Archaeology & Prehistory	Introduction to Archaeology and Prehistory Introduces the methods and techniques used by archaeologists to study the development of human culture. Provides a survey of world prehistory, while emphasizing the development of social complexity and the origins of agriculture that precede both new and old world civilizations.	3	PO,KL,	OSU, PSU,UO,
	ANTH 103		Intro to Cultural Anthropology	Introduction to Cultural Anthropology Examines modern human cultures. Analyzes a variety of ethnographic examples from various world societies to understand the diverse aspects of language, technology, economy, social structure, governance, religion, world views and expressive aspects of life.	3	PO,TB, KL,	OSU, PSU,UO,
*	ANTH 105		Anthropology Today	Evaluation of contemporary human issues from an anthropological perspective with anthropological sub disciplines applied to problem solving in modern society.	4		
*	ANTH 110		Into to Cultural Anthropology	The study of modern and recent cultures of the world. The concept of culture and its role in human behavior and organization.	4	TV,	
*	ANTH 150		Intro to Archeology	The study of ancient and prehistoric cultures of the world. Introduction to the theories and techniques of archeological investigation.	4		
*	ANTH 170		Into to Human Evolution	Homo sapiens as a living organism; biological evolution and genetics; fossil hominids	4		
*	ANTH 171		Evolution of Monkeys and Apes	Evolutionary biology of the primates: the fossil record and ecology during the age of mammals, primate anatomy, locomotors, feeding adaptations, taxonomic relations and primate ethnology.	4		
*	ANTH 172		Evolution of Human Adaptation	Psychological, anatomical and behavioral adaptations of the human species and the evolutionary events that produced them.	4		
*	ANTH 173		Evolution of Human Sexuality	Includes basic genetics, physiology, and behavior. Evolution of sex, of the sexes, and of the mammal, primate, and human behavior.	4		

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	ANTH 180		Language and Culture	Language and culture relationships and methodology.	4	MH,	
	ANTH 207		Cult Ath: Cult Concepts	Cultural Anthropology: Culture Concepts Examines the different schools of anthropological thought and the concept of culture from a historical perspective. Emphasis is placed upon the importance of culture in explaining similarities and differences in our evolving world system.	3	PO,	OSU, PSU, UO,
	ANTH 208		Cult Ath: Cultures of World	Cultural Anthropology: Cultures of the World Introduces ethnographic descriptions of a representative sample of the cultural variations among contemporary peoples. Compares various subsistence systems and levels of socio-political integration.	3	PO,	OSU, PSU, UO,
	ANTH 209		Cult Ath: Cult Growth & Change	Cultural Anthropology: Cultural Growth & Change Examines the processes of cultural growth and change, the development of contemporary anthropological theory and the rapidly growing fields within applied anthropology. Ethnographic techniques are presented so students may use them to examine the changing culture of our complex society.	3	PO,	OSU, PSU, UO,
	ANTH 210		People & Cultures: Middle East	Selected Topics Ethnography: People & Cultures of Middle East Introduces the life styles and interactions with their environments of peoples in a selected part of the world. Uses ethnographic and other information for a concentrated study of the cultural diversity and environmental adaptations of those peoples.	4	LB, PO	OSU, PSU, UO,
*	ANTH 211		Selected Topics in Ethnology	Contents varies from term to term; emphasizes the comparison of cultures and the anthropological understanding of contemporary peoples.	4	LA,	
	ANTH 214		Hum Envir: Ecological Aspects	Human Environments: Ecological Aspects Examines the ecological relationships between human societies and their natural environments. Clarifies the human's biological relatedness to the world's natural ecosystems and then presents a look at the ensuing disruptions in nature and in human cultures.	3	PO,	OSU, PSU,
	ANTH 215		Hum Envir. Energy Consideration	Human Environments: Energy Consideration Explores the issue of energy, ecologically and in terms of human use of energy. Examines the energy crisis from the perspective of the individual energy user. Also looks at worldwide consequences of energy consumption.	3	PO,	OSU, PSU, UO,
	ANTH 216		Hum Envir: Productivity	Human Environments: Productivity Examines human productivity and its environmental effects in industrial societies and compares this with more traditional societies. Presents a critical analysis of energy consumption and use in our society.	3	PO,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	ANTH 230		Native Americans of Oregon	Presents the history of anthropological research and the prehistory, languages and culture areas of Oregon's native peoples. Individual native groups are studied to better depict the life ways of Oregon's major cultural and geographic divisions.	3	PO,	OSU, PSU,U O,
	ANTH 231		Native Americans of the N.W.	Native Americans of the Northwest An in-depth survey of the native peoples of Oregon, Washington, Alaska, and Southwest Canada. Individual native groups are studied to depict cultural variation within the region.	3	PO,	OSU, PSU,U O,
	ANTH 232		Native North Americans	Surveys the anthropology and distribution of the native North American peoples. Presents the history of anthropological research and the prehistory, languages and culture areas of native North America. Specific native groups will be surveyed to better depict the life ways of the major cultural and geographic divisions.	3	PO,	OSU, PSU,U O,
	ANTH 235		Prehistoric Mexico/Central America	Survey of Prehistoric Mexico and Central America A study of the development, form and history of pre-Columbian Indian civilizations, surveying the achievements of the Maya, the Aztec and their neighbors.	3	PO,	OSU, PSU,U O,
*	ANTH 240		From Ape to Angel	An investigation of the origin of modern people (Homo sapiens) in a historical context; review of key discoveries and current research on the relationships between humans and other primates; exploration of contrasting views of humanity.	4		
	ANTH 280		CE: Anthropology	Cooperative Education: Anthropology Enables students to extend their knowledge of anthropology through work in settings that provide learning experiences to supplement classroom learning.	3	PO,	OSU, PSU,U O,
	ANTH 298		Indep Study: Anthropology	Independent Study: Anthropology Individualized, advanced study in areas of anthropology not considered in other courses, to meet special interests or program requirements. Students complete a term project and readings approved by the instructor. Recommended: prior study in anthropology and instructor permission.	3	PO,	OSU, PSU,U O,
	ANTH 299		Special Studies: Anthropology	Special Studies: Anthropology Prior study in anthropology is recommended. Offers special topics, activities, or projects in an area of anthropology not usually covered in depth in other anthropology courses. Prior study in anthropology is recommended and instructor permission.	3	PO,	OSU, PSU,U O,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
ART	ART 101		Introduction to Art	Addresses seeing, experiencing and appreciating the urban world-- architecture, gardens, fountains, malls and public spaces. Examines how cities express the values, technology, geography and economic structure of many different cultures in the light of aesthetic, historic and critical factors. Recommended: Writing 115 placement and reading score of 41.	3	PO,CH,UM,	OSU, PSU,
*	ART 102		Introduction to Art	Addresses painting and sculpture in terms of experiencing, appreciating and understanding their role in our lives. Art is examined in the light of aesthetic, historic and critical issues. Recommended: Writing 115 placement and reading score of 41.	3	PO,UM,	OSU, PSU,UO,
*	ART 103		Introduction to Art	Addresses issues relating to design in our daily lives: commercial, industrial, crafts and product design. Examines how design expresses the values, technology, economy and taste of our culture in the light of aesthetic, historic and critical factors. Recommended: Writing 115 placement and reading score of 41.	3	\	OSU, PSU,UO,
*	ART 115		Basic Design	Addresses two-dimensional, black and white design issues in the context of the contemporary visual world. Explores the elements (line, shape, texture, value, space) and principles (composition, harmony, pattern, rhythm) of visual design. ART 115, 116, and 117 may be taken in any sequence.	3	PO,CE,CH, BM,UM,	OSU, PSU,UO,
*	ART 116		Basic Design	Addresses color theory, relationship, and organization in the context of the contemporary visual world. Explores the elements (line, shape, texture, value, space) and principles (composition, harmony, pattern, rhythm) of visual design. ART 115, 116,and 117 may be taken in any sequence.	3	PO,CE,CH, BM,TV,UM,	OSU, PSU,UO,
*	ART 117		Basic Design	Addresses three-dimensional design--space, forms, materials and methods--in the context of the contemporary visual world. Explores the elements (line, shape, texture, value, space) and principles (composition, harmony, pattern, rhythm) of visual design. ART 115, 116, and 117 may be taken in any sequence.	3	PO.CE,CH, BM,TV,UM,	OSU, PSU,UO,
*	ART 131		Introduction to Drawing	Presents various ways of seeing and drawing to become more visually literate. Examines basic drawing techniques and materials. Examines conceptual references for critical analysis of visual forms, and basic theories of art within the historical context. May be taken three times.	3	PO.CE,CH, BM,TV,UM,	OSU, PSU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	ART 133		Introduction to Drawing	Emphasis on composition and understanding of visual form including hand-eye-mind coordination.	3	BM.CL,	
	ART 141		Intro to Photography (Non-darkroom)	Introduction to Photography (Non-darkroom) Covers camera operation, selection and use of film, filters, lenses, flash units and other accessories. Students shoot 35mm color slides and have them processed commercially. Students must own, or have access to a 35mm camera with adjustable exposure controls.	3	PO,	OSU, PSU,U O,
	ART 142		Intro to Photo (Darkroom)	Introduction to Photography (Darkroom) Introduces basic photographic techniques, processes and approaches: fundamental principles of camera operation and exposure, darkroom procedures involved in developing film and making prints, some methods by which photographs are finished/prepared for presentation. Students should own or have access to a 35mm camera with adjustable exposure controls.	3	PO,	OSU, PSU,U O,
	ART 143		Photography II	Devoted to both solidifying and building upon the various techniques, processes, and approaches learned in ART 142. Covers advanced exposure procedures, printing on fiber-based paper, bleaching and toning prints, and the effect of using colored filters with black and white film. Students will be encouraged to continue using the camera as an instrument of expression and communication.	3	PO,	OSU, PSU,U O,
	ART 280		Cooperative Work Experience:	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .	3		
*	ART 181		Introduction to Painting	A studio experience with supporting slides, lectures, and occasional films. Presents different ways of seeing and painting to become more visually literate. Examines basic painting techniques and materials. Presents a conceptual framework for critical analysis, along with basic art theory. May be taken three times.	3	PO,CE,TV ,	OSU, PSU,U O,
*	ART 197		Artist's Survival/Prac Issues	Artist's Survival/Practical Issues Introduces issues relevant to artists' career. Includes portfolio preparation, documenting work, gaining representation and exposure as an artist, creating publicity, how the art market works, basic marketing and exhibition strategies, business concerns, art collecting. Field trips to local galleries and/or guest lecturers. Practical experience gained by participating in PCC gallery installations.	3	PO,TV,	OSU, PSU,U O,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	ART 199		Special Studies: Art	Presents selected topics of study offered on a temporary or experimental basis.	3	TV,	
	ART 199E		Art: Special Projects	Covers special projects in approved area of study. Lecture/lab course investigating concepts and techniques not covered in existing course offerings. Department permission required.	3	TV,	
*	ART 204		History of Western Art	Examines visual art as a reflection of human interaction with the socio-political and physical environment. Viewing, analyzing and comparing many art forms in an historical context, covering the Paleolithic, Ancient Near Eastern, and Aegean cultures, beginning about 30,000 BC. Recommended: WR 121 placement and RD 115 placement.	3	PO,CH,BM,TV,UM,	OSU, PSU,UO,
	ART 205		History of Western Art	Examines visual art as a reflection of human interaction with the socio-political and physical environment. Viewing, analyzing and comparing many art forms in an historical context, covering Late Antiquity, Early Christian and Medieval periods, beginning about 500 BC. Recommended: WR 121 placement and RD 115 placement.	3	PO,CH,BM,TV,UM,	OSU, PSU,UO,
*	ART 206		History of Western Art	Examines visual art as a reflection of human interaction with the socio-political and physical environment. Viewing, analyzing and comparing many art forms in an historical context, covering Renaissance and Baroque periods, beginning about 1300 AD. Recommended: WR 121 placement and RD 115 placement.	3	PO,CE,CH, BM,TV,UM,	OSU, PSU,UO,
*	ART 207		History of Asian Art	Explores and analyzes the visual arts in relation to the culture of India from the Neolithic through the modern period. Recommended: WR 121 placement and RD 115 placement.	3	PO,	OSU, PSU,UO,
*	ART 208		History of Asian Art	Explores and analyzes the visual arts in relation to the culture of China from the Neolithic through the modern period. Recommended: WR 121 placement and RD 115 placement.	3	PO,	OSU, PSU,UO,
*	ART 209		History of Asian Art	Explores and analyzes the visual arts in relation to the culture of Japan from the Neolithic through the modern period. Recommended: WR 121 placement and RD 115 placement.	3	PO,UM,	OSU, PSU,UO,
	ART 210		Women in Art	Covers the work of women artists from antiquity to the present. The works of the most important women artists from each period will be studied in relation to the changing roles of women in society and to the art produced contemporaneously by men.	3	CH,	PSU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	ART 211		Mod Art Hst:19th Cen Art/Europ.	Modern Art History - 19th Century Art in Europe The Nineteenth Century saw the beginning of the modern world and modern societies in Europe. Examines and analyzes the visual arts beginning with the French Revolution in 1789 to reveal the processes that led to our current cultural life. Recommended: WR 121 placement and RD 115 placement.	3	PO,BM,	OSU, PSU,UO,
*	ART 212		Mod Art Hst:Early 20th Cen Art	Modern Art History - Early 20th Century Art The turn of the Twentieth Century witnessed revolutions in science and technology, psychology and philosophy. Examines and analyzes the visual arts to reveal some effects of those changes, and to gain insight into our modern world. Recommended: WR 121 placement and RD 115 placement.	3	PO,BM,	OSU, PSU,UO,
*	ART 213		Mod Art Hst: Art Since 1945	Modern Art History - Art Since 1945 World War II ended the supremacy of Europe in the visual art world and focused attention on America. Examines and analyzes art since 1945 to explore the ideas behind it, to reveal our culture and values, and to gain a greater understanding and appreciation of contemporary art. Recommended: WR 121 placement and RD 115 placement.	3	PO,CE,BM,	OSU, PSU,UO,
*	ART 218		Lettering Calligraphy I	Covers practical and creative uses of calligraphy, lettering principles, techniques and functions, and discusses the traditions and historical development of letters. Fall term: Roman alphabet, lower and upper case. Winter term: italic alphabet, lower and upper case. Spring term: Carolingian and uncial alphabet styles. Each term may be taken once for a maximum of six credits.	2	PO,CE,UM,	OSU, PSU,UO,
*	ART 219		Calligraphy	Supplements Italic cursive hands with Traditional Rustic, Modern Rustic, Uncial and Edward Johnston's book hand.	3	CE,	
*	ART 220		Advanced Lettering and Seminar	Covers lettering techniques and shop practices necessary for commercial production of calligraphic and drawn letters. Work involves problem solving activities the professional calligrapher is likely to encounter on the job.	2	PO,	OSU, PSU,UO,
*	ART 221		Computer Graphics in Arts I	Introduces the computer as a tool for imaginative exploration in art, using paint, desktop publishing, and animation programs. Students are encouraged to carry over ideas and principles of art from such courses as basic design, drawing, painting and graphic design.	4	PO,CH,TV,UM,	OSU, PSU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	ART 222		Graphic Design	Typography, layout design, computer graphics. Offers study and practice in the principles and processes of graphic communication and production from concept design to camera-ready art.	3	BM.CL,	
*	ART 223		Graphic Design	Typography, layout design, computer graphics. Offers study and practice in the principles and processes of graphic communication and production from concept design to camera-ready art.	3	UM	
*	ART 224		Computer Graphics in Arts II	Continues ART 221, providing further experience with programs previously used and introducing new, more advanced software. Animation will be emphasized, as well as computer use in art, advertising, video, music, and business graphics. Recommended: ART 221.	4	PO,UM,	OSU, PSU,UO,
*	ART 225		Graphic Design	Typography, Computer Graphics. Applies principles and concepts of design to selected projects. Includes planning, design sketches, functional and aesthetic tests.	3	UM,	
*	ART 226		Graphic Design	Typography, Computer Graphics. Applies principles and concepts of design to selected projects. Includes planning, design sketches, functional and aesthetic tests.			
*	ART 227		Graphic Design	Typography, Computer Graphics. Applies principles and concepts of design to selected projects. Includes planning, design sketches, functional and aesthetic tests.			
*	ART 228		Graphic Design	Typography, Computer Graphics. Provides an advanced, intensive production experience in past up, layout, process camera, illustration, photography, and type to specific problems and areas of the graphic design field.			
*	ART 229		Graphic Design	Typography, Computer Graphics. Continues the methods and techniques of graphic design production			
*	ART 230		Drawing	Explores principles of drawing and visual problem-solving using various media and subjects.			
*	ART 231		Drawing	Explores principles of drawing and visual problem-solving using various media and subjects.	3	PO,CE,BM,TB,TV,	OSU, PSU,UO,
*	ART 232		Drawing	Explores principles of drawing and visual problem-solving using various media and subjects.	3	BM.CL,	
*	ART 233		Drawing	Explores principles of drawing and visual problem-solving using various media and subjects.	3	CL,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	ART 234		Drawing-Figure	Offers composition and visual understanding of the complex forms and relationships of the human figure.	3	CE,	
*	ART 235		Drawing-Figure	Offers composition and visual understanding of the complex forms and relationships of the human figure.	3	CE,	
*	ART 236		Drawing-Figure	Offers composition and visual understanding of the complex forms and relationships of the human figure.	3	CE,	
*	ART 237		Life Drawing	A studio experience with supporting slides, lectures, and occasional films. Covers studying and drawing the human form, using professional models. Presents the structure, form and proportions of human figure, applying various drawing techniques and concepts. Emphasizes personal artistic growth with attention to composition. May be repeated three times. Six credit hours drawing/painting, or instructor permission	3	PO.TV,UM ,	OSU, PSU,U O,
*	ART 238		Drawing-Illustration	Uses drawing and design to produce narrative visual images for commercial application. Includes materials, book and magazine illustration, technical illustration and visual advertising.			
*	ART 239		Drawing-Illustration	Uses drawing and design to produce narrative visual images for commercial application. Includes materials, book and magazine illustration, technical illustration and visual advertising.			
	ART 241		Nature Photography	Covers specialized equipment and methods of professional nature photography. Work in color and/or black and white (color processed commercially at student expense). Includes field trips and discusses marketing nature images. Recommended: 35mm (or larger) SLR with a selection of lenses. Recommended: ART 141 and 142, or instructor permission.	3		PSU,U O,
	ART 242		Small Format Portraiture	Covers lighting, posing, specialized equipment, and business practices. Primarily B&W; some color printing possible (color film processed at student expense). Student should have access to 35mm SLR camera and lens of approximately 85mm (or larger format SLR and comparable lens). Recommended: ART 141 and 142, or instructor permission.	3		PSU,U O,
	ART 243		The Photographic Portfolio	Provides framework within which students may pursue their unique photographic vision. Explores role of photography in the arts, and rights and responsibilities of the photographic artist. Work in black and white and/or color (color processed at student expense). Prerequisite: ART 143.	3	PO,	OSU, PSU,U O,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	ART 250		Ceramics	Demonstrates construction techniques and methods used to design, shape and form pottery. Includes wheel throwing, pottery decoration, glaze calculation and firing.	3	UM,	
*	ART 251		Ceramics	Demonstrates construction techniques and methods used to design, shape and form pottery. Includes wheel throwing, pottery decoration, glaze calculation and firing.	3	CL,	
*	ART 252		Ceramics	Demonstrates construction techniques and methods used to design, shape and form pottery. Includes wheel throwing, pottery decoration, glaze calculation and firing.	3	CL,UM,	
*	ART 253		Ceramics I	Presents all aspects of introductory clay processes: development of ideas, care and preparation of clay, skills and understanding related to clay work on and off the potter's wheel, glazes and firing procedures. May be taken three times.	3	PO,TB,TV,	OSU, PSU,UO,
*	ART 254		Ceramics	Intermediate. Demonstrates construction techniques and methods used to design, shape and form pottery. Includes wheel throwing, pottery decoration, glaze calculation and firing.	3	BM.CL,TV,CE	
*	ART 255		Ceramics	Intermediate. Demonstrates construction techniques and methods used to design, shape and form pottery. Includes wheel throwing, pottery decoration, glaze calculation and firing.	3		
	ART 256		Ceramics II	Allows students to further explore all aspects of clay processes: development of ideas, care and preparation of clay, skills and understanding related to clay work on and off the potter's wheel, glazes and firing procedures. May be taken three times.	3	PO,CE,BM,TV,	OSU, PSU,UO,
*	ART 257		Metals and Jewelry	Demonstrates processes and techniques used in metal construction and stone cutting. Includes wax casting, stone inlay and setting, etching and plating.	3	CE,	
*	ART 258		Metals and Jewelry	Continues metal construction and stone cutting techniques used for jewelry making.	3	CE,	
*	ART 259		Metals and Jewelry	Continues metal construction and stone cutting techniques used for jewelry making.	3	CE,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	ART 261		Photography	Introduction, history, and fundamentals of photography. Basic skills of taking effective black and white photographs, developing film, making enlargements. Emphasis on design and composition.	3	UM,	
*	ART 262		Photography	Basic black-and-white photographic processes and techniques; development of camera and darkroom skills; seeing photographically	3	TV,	
*	ART 263		Photography	Basic black-and-white photographic processes and techniques; development of camera and darkroom skills; seeing photographically	3	UM,	
*	ART 264		Photography	Basic black-and-white photographic processes and techniques; development of camera and darkroom skills; seeing photographically	3		
*	ART 265		Photography	Basic black-and-white photographic processes and techniques; development of camera and darkroom skills; seeing photographically	3		
*	ART 266		Color Slide Photography	Introduction to Slide Photography: London Quarter An introduction to color slide photography using slides for assignments and critiques - non lab. Introduces camera use, lenses, aperture and shutter relationships, and exposure. Uses London's people and cultures cape for subject matter.	3	CE,	
*	ART 267		Fibers/Weaving	Demonstrates fiber design construction and using loom and off-loom techniques and processes.	3		
*	ART 268		Fibers/Weaving	Demonstrates fiber design construction and using loom and off-loom techniques and processes.	3		
*	ART 269		Fibers/Weaving	Continues fiber design construction and using loom and off-loom techniques and processes.	3		
*	ART 270		Intro to Printmaking	Demonstrates methods, materials and techniques of printmaking using media such as intaglio (etching), relief, serigraphy (silk screen), lithography or calligraphy (mixed media).	3		
*	ART 271		Into to Printmaking	Demonstrates methods, materials and techniques of printmaking using media such as intaglio (etching), relief, serigraphy (silk screen), lithography or calligraphy (mixed media).	3	CL,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	ART 272		Into to Printmaking	Demonstrates methods, materials and techniques of printmaking using media such as intaglio (etching), relief, serigraphy (silk screen), lithography or calligraphy (mixed media).	3	CL,	
*	ART 273		Printmaking		3		
*	ART 274		Printmaking		3		
*	ART 275		Printmaking		3		
*	ART 276		Sculpture	Basic materials and techniques in elementary sculpture.	3	BM,CL,	
*	ART 276		Popular Art of Mexico	Investigates social and artistic issues in Mexican culture through painting and mixed media projects. Students explore concepts and techniques used by Mexican artists to express a contemporary understanding of Mexico's rich visual history.	3	PO,	OSU, PSU,UO,
*	ART 277		Life Painting	A studio experience with supporting slides, lectures, and occasional films. Investigates seeing and painting the human form to become more visually literate. Encourages personal interpretation and vision. Presents the conceptual framework for critical analysis, along with basic theories of art in the historical context. Six credit hours of drawing or painting, or instructor permission required. May be taken three times.	3	PO,	OSU, PSU,UO,
*	ART 278		Sculpture	Basic materials and techniques in elementary sculpture.	3	BM,CL,	
*	ART 279		Multidisciplinary				
*	ART 281		Painting	A studio experience with supporting slides, lectures, and occasional films. Explores different ways of seeing and painting to become more visually literate. Examines basic painting techniques and materials. Presents the conceptual framework for critical analysis, along with basic theories of art in the historical context. May be taken three times.	3	PO,CE,BM,TV,UM,CH,	OSU, PSU,UO,
*	ART 282		Painting	Offers visual observation and composition of selected subjects using oil or acrylic media.	3	BM,CE,CL,UM,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	ART 283		Painting	Offers visual observation and composition of selected subjects using oil or acrylic media.	3	BM,CE,CL,UM,	
*	ART 284		Watercolor I	Lectures, demonstrations, films, slides and specific problems dealing with color relationships, composition, and watercolor techniques. Explores different ways of seeing and painting to become more visually literate. Examines basic watercolor techniques and materials. Presents the conceptual framework for critical analysis, along with basic theories of art in the historical context. May be taken three times.	3	PO,CE,BM,TB,TV,	OSU,PSU,UO,
*	ART 285		Painting	Intermediate. Offers visual observation and composition of selected subjects using oil or acrylic media.	3	CE,CL,.	
*	ART 286		Painting	Intermediate. Offers visual observation and composition of selected subjects using oil or acrylic media.	3	CE,	
*	ART 287		Watercolor II	Lectures, demonstrations, films, slides, and specific problems dealing with color relationships, composition, and watercolor techniques. Further investigates ways of seeing and painting using watercolor paint. Presents the conceptual framework for critical analysis, along with basic theories of art in the historical context. May be taken three times.	3	PO,TB,	OSU,PSU,UO,
*	ART 289		Multidisciplinary	Offers studio experience in combining art and design with other subject areas.	3	UM,	
*	ART 290		Multidisciplinary		3		
*	ART 291		Sculpture: Plaster/Clay	The studio experience will introduce plaster and clay as primary materials. Continues the development of the students 3-dimensional knowledge while exploring traditional materials; plaster and clay. Concentration on plaster as a material for making multiples, and the use molds will be introduced. Both the 'figure' and 'abstraction' will be addressed as subject matter. The completion of ART 293 is strongly recommended before enrolling in this course.	3	BM,UM,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	ART 292		Sculpture: Welding	The studio experience will introduce the use of oxy-acetylene torches for basic welding and cutting skills. Explores sculptural issues and concepts using steel. The completion of ART 293 is strongly recommended before enrolling in this course.	3	BM,UM,	OSU, PSU,UO,
*	ART 293		Sculpture	A studio experience with supporting slides, lectures, and occasional films. Explores sculptural form through a variety of hands-on processes and techniques, historical and critical perspectives, and creative approaches. Covers use of materials and new possibilities for personal expression in form and space. May be taken three times. CDA: Additional lab hours may be required.	3	PO,CH,BM,UM,	OSU, PSU,UO,
*	ART 294		Watercolor	The techniques and use of watercolor. An intermediate level course in watercolor painting. Further development of technical skills and expressive development in the medium of transparent watercolor.	3		
*	ART 295		Sculpture Welding II	Develops the artist's knowledge and skills with Oxyacetylene welding and cutting, SMAW (stick) welding, GMAW (wire) welding and TIG (gas tungsten) arc welding processes. Explores metal sculpture design and construction with supporting demonstrations, slides, lectures and films. Completion of ART 293 strongly recommended. No prior welding experience is required.	3	TV,	
*	ART 296		Watercolor	The techniques and use of watercolor. An intermediate level course in watercolor painting. Further development of technical skills and expressive development in the medium of transparent watercolor.	3		
*	ART 297		Drawing & Modeling	Study of forms in space using two dimensions of drawing and three dimensions of modeling.	3		
	ART 298			Advanced, individualized study in areas not considered in other courses to meet special interests or program requirements. Complete a term project approved by the instructor. Recommended: prior study, and instructor permission.			
	ART 299		Special Studies	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.		CH,BM,TV,UM,	UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
BUSINESS	BA 101		Introduction to Business	A survey course in the field of business which includes topics such as management, finance accounting, marketing, production, computers, international business, small business, investments and other areas of general business interest.	4	PO,CE,CH, BM,CL, TB,TV,UM, LA,LB,MH, OC,RA	OSU, PSU,UO,
	BA 110		Micro: Computers		3	PO,CE,CH, BM,CL, TB,TV,UM, LA,LB,MH, OC,RA	
	BA 113		Business Credit Principles	Covers the primary objectives of credit management: minimizing bad debt losses and maximizing sales volume. Stresses the need to investigate credit applicants, establish credit limits and follow orderly collection procedures.	3	PO,TB,TV,	OSU, PSU,UO,
	BA 115		Credit Techniques	Provides hands-on experience in applying the credit principles studied in BA 113. Focuses on using the computer, telephone, and other office equipment to complete the tasks of consumer and commercial credit departments. PREREQ: BA 113 or instructor permission.	3	PO,	OSU, PSU,UO,
*	BA 131		Computers in Business	A course in computer literacy that covers computer concepts and the typical activities computers are used for in business. Includes an introduction to hardware and software, operating systems, word processing, spreadsheet, database, and electronic mail.	4	PO,CE, BM,CL, TB,TV, UM,RA, LB,CG,	OSU, PSU,UO,
	BA 141		Intro to International Bus Law	Introduction to International Business Law Surveys international aspects of traditional business law subjects (sales, commercial paper, corporate law, agency, etc.) and related subjects (antitrust law, administrative law, trade regulation, etc.).	3	PO,	OSU, PSU,UO,
	BA 160		Purchasing I	Covers fundamentals of purchasing, including the role of the purchasing function, purchasing objectives and policies, operating procedures, purchase descriptions and specifications, sources of supply, types of contracts and ordering agreements, legal considerations, and ethical and professional standards.	3	PO,CH,	OSU, PSU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	BA 161		Purchasing II	Covers more advanced purchasing concepts and techniques, such as win-win negotiations, total cost management, supplier management, continuous quality improvement, value analysis and value engineering, and inventory management. Recommended: BA 160.	3	PO,CH,	OSU, PSU,UO,
	BA 177		Payroll Accounting	Provides the fundamental skills needed to prepare a business's payroll. Introduces payroll and personnel record keeping, calculation of pay, payroll journalizing, regulations covering social security, withholding, and unemployment. Recommended: Microcomputer experience; MTH 60 or higher; BA 95 or BA 98.	3	CG,PO,	
	BA 198		Special Studies:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			
	BA 203		Intro to International Bus	Introduction to International Business Explores the processes of international trade, whether the company is an importer, exporter, or a multinational firm. Forms a basis for further study and specialization in the international business field.	3	CO,CG, PO,	OSU, PSU,UO,
	BA 205		Solving Comm Prob w/Technology	Solving Communication Problems with Technology Focuses on using current technology to create, revise, and design business documents: letters, memos, e-mail, reports, minutes, simple instructions, and resumes. Students will use library and Internet resources to collect information. In addition, students will deliver oral presentations using presentation tools. Recommended: WR 121, BA 131, CAS 133, or computer literacy.	4	CL,TB, TV,UM,	OSU, PSU,UO,
*	BA 206		Management Fundamentals	Introduces basic business management concepts as well as current management experience and research regarding organizing and managing processes, resources and people to achieve the organization's purposes. Changes in management are included, recognizing that society and technology places new demands on business enterprises.	3	PO,CE, CH,TB, UM,BM, CL,LA, LB,MH,	OSU, PSU,UO,
	BA 210		Adv Acctg Spsht App	Advanced Accounting Spreadsheet Application Presents the advanced functions of electronic spreadsheets as related to the accounting profession. Also applies to finance, marketing, operations, and other business occupations. Recommended: CAS 170 or CAS 174 or CIS 125S, and BA 95 or BA 98 or BA 211.	3	PO,CE, CH,LB,	OSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	BA 211		Principles of Accounting I	Introduces financial accounting theory, including the accounting cycle, analysis and recording of transactions, and reporting financial information in accordance with generally accepted accounting principles. Recommended: MTH 95 or higher, and BA 95or BA 98.	3	PO,CE,CH, BM,CL, TB,TV, UM,LA, LB,MH	OSU, PSU,UO,
*	BA 212		Principles of Accounting II	Continues the presentation of fundamental issues begun in BA 211. Introduces the statement of cash flows and financial statement analysis. Prerequisite: BA 211.	3	PO,CE,CH, BM,CL, TB,TV,UM,	OSU, PSU,UO,
*	BA 213		Principles of Accounting III	Covers managerial accounting: the cost/volume/profit relationship, manufacturing costs, cost decisions, management planning, budgeting and responsibility accounting. Prerequisite: BA 211.	3	PO,CE,CH, BM,CL, TB,TV,UM,	OSU, PSU,UO,
	BA 215		Basic Cost Accounting	Covers cost accounting concepts, application, and techniques employed in the accumulation and reporting of manufacturing cost data. Particular attention shall be paid to job order costing, process costing, joint and by-product costing, standard costs, budgeting, and analysis of variances. Recommended: BA 98 or BA 211.	3	PO,CH, BM,TB, LA,SW	OSU, PSU,UO,
	BA 216		Accounting Problems	Reinforces understanding and offers new perspectives through reviewing and applying theory to a variety of accounting problems. Strongly recommended: BA 213.	3	BM,TB,	PSU,UO,
*	BA 218		Personal Finance	Studies the role of the consumer in our economy, problems of financing family and individual needs, including budgeting, banking relationships, charge accounts, installment buying, insurance, wills, real estate investing, and personal taxes.	3	PO,CE, CH,CL, TB,TV, UM,CO	OSU, PSU,UO,
	BA 222		Financial Management	Introduces concepts, techniques and decision process to manage the firm's sources and uses of funds. Includes working capital, ratio analysis, leverage, operating budgets, working capital management, cost of capital, capital budgeting and evaluation of financial alternatives. Recommended: BA 212 and MTH 65.	3	PO,CE,CH, TB,UM,CO,CG, SW	OSU, PSU,UO,
	BA 223		Principles of Marketing	Provides a general knowledge of marketing with emphasis on the marketing mix elements and target markets for consumer and industrial products. Covers marketing strategies, customer behavior and international markets.	3	PO,CE,B M,CL,TB,TV,UM,SW, MH,LA, RA,LB,	OSU, PSU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	BA 224		Human Resource Management	Attention is given to human behavior, employment, employee development, performance appraisal, wage and salary administration, employment and job rights, discipline and due process, and labor-management relations.	3	PO,CE,CL, TB, TV,LA, LB,MH,SW,CO,CG,	OSU, PSU,UO,
*	BA 226		Business Law I	Discusses fundamental concepts, principles, and rules of law that apply to business transactions. Includes the function and operation of the courts, business crimes, torts, and contract law, plus application of the Uniform Commercial Code to business activities.	3	PO,CE,CH, BM,CL, TB,TV,UM, CO, MH,LA,OC, RA,	OSU, PSU,UO,
	BA 227		Business Law II	Discusses fundamental concepts, principles, and rules of law that apply to business organizations. Includes agency, property law, sales transactions, partnerships, corporations and government regulations. Recommended: BA 226.	3	PO,CE,CH, BM, CL,TV, LA,MH,CO, SW,	OSU, PSU,UO,
	BA 228		Comp Accounting Applications	Computer Accounting Applications Introduces double-entry, fully integrated computerized general ledger software on the microcomputer. Topics include general ledger, accounts receivable, accounts payable, payroll, and inventory. Recommended: BA 98 or BA 211 or instructor permission.	3	PO,CE,CH, TB, TV,CL, MH,RA,CO,CG	OSU, PSU,UO,
	BA 234		International Marketing	Covers nature and concepts of international marketing including techniques for identifying potential markets and assessing uncontrollable elements such as economic, political, and socio cultural environmental factors. International marketing strategies related to product/service, pricing, promotion, and distribution are examined.	3	PO,CH, CL,	OSU, PSU,UO,
	BA 237		Fundamentals of Import/Export	Examines motivations and procedures for the import and export of goods and services. Emphasizes U.S. import/export regulations, documentation, logistics, community resources, and customer services.	3	PO,LA,	OSU, PSU,UO,
	BA 238		Sales	Offers a blend of practicality and theory on industrial, commercial and retail sales. Students demonstrate and practice basic sales techniques, explore communication and motivation as they relate to selling, and examine the function of sales relative to the total marketing program.	3	PO,CH, CL,TB, UM,CO, CG,SW, LA,MH	OSU, PSU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	BA 239		Advertising	Covers the basics of planning, creating, using, and placing advertising in the business world. Reviews the entire field of advertising as a basis for students who select advertising as a career or as an integral part of a marketing program.	3	PO,CE,CH,CL,TV,UM,LA,LB,MH	OSU,PSU,UO,
	BA 240		Governmental Accounting	Develops the conceptual foundation underlying the accounting procedures, records, and statements used to summarize and disclose the results of non-profit and governmental activities. Recommended: BA 95 or BA 98.	3	PO,CH,TB,UM,CL,RA	OSU,PSU,UO,
	BA 242		Introduction to Investments	Study popular investment vehicles--what they are, how they can be utilized, and the risk and return possibilities. Emphasizes stocks and bonds, mutual funds, options, and real estate. Examines securities exchanges and the functions of the broker.	3	PO,CH,TV,CL,LA,MH,CO,CG,	OSU,PSU,UO,
	BA 244		Intro to Records Management	Introduction to Records Management Offers a study of the life cycle of records on all types of media from creation through disposition. Considers responsibilities of the records manager as they relate to each subsystem of the total records management program and to the needs of all types of organizations.	3	PO,CH,TB,UM,CG,	OSU,PSU,UO,
	BA 247		Advanced Sales	Explores methods for improving sales ability (such as the use of short, explicit, believable sales techniques) and applying them to day-to-day sales work. Examines the role of the sales manager. Emphasizes the commercial and industrial sales field. Strongly recommended: BA 238.	3		PSU,UO,
	BA 249		Retailing	Covers analyzing the target market, developing the retail marketing mix elements, and reviewing store planning techniques used by retailers. Includes discussions of the changing retailing environment and the impact of government regulations.	3	PO,CE,TV,UM,CO	OSU,PSU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	BA 250		Small Business Management	Emphasizes the general functions, procedures and specific subject areas related to starting, organizing and operating a successful small business, including franchising.	3	PO,CH, TB,TV, UM,CO, MH,LA, CL,	OSU, PSU,U O,
	BA 251		Office Management	Introduces organizing, planning, leading, and controlling functions of an office and the resulting role and responsibilities of the office manager. Recommended: BA 206.	3	PO,CH, TB,SW, CL,LA, CO,CG,	OSU, PSU,U O,
	BA 252		Sales Management	Examines the role, responsibilities and duties of the sales manager in business and industry. Explores the evolution and contribution of personal selling, reviews the sales process, and introduces the techniques to design, develop, direct,	3	PO,CH,	OSU, PSU,U O,
	BA 256		Income Tax	Introduces preparation of federal individual and sole proprietorship income tax returns. Also provides a brief overview of partnership and corporate returns.	3	PO,CH,TB UM,OCCL ,CGTV	OSU, PSU,U O,
	BA 280		Cooperative Work Experience:	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .	3	PO,CH,TB ,TV,UM,C O, CL,CG	
	BA 285		Human Relations- Organizations	Explores interactions in organizations by examining human perceptions, communications, small group dynamics and leadership. Includes the dynamics of change, cultural diversity, substance abuse, work stress, ethics and social responsibility, and the challenges of globalization.	3	PO,CE,B M,TB,SW, CG, CO,CL, LB, MH,	OSU, PSU,U O,
	BA 298		Independent Studies	Advanced, individualized study in areas not considered in other courses to meet special interests or program requirements. Complete a term project approved by the instructor. Recommended: prior study, and instructor permission.			
	BA 299		Special Studies				

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
CAREER DEVELOPMENT	CG 100		College Survival and Success	Helps new or returning students make personal and social adjustments for college success. Covers college terms and information, class choice, degree requirements, use of library, tours, and student services. Emphasizes identifying personal learning strengths and weaknesses, balancing work, school and home demands, forming study partnerships and stress and time management.	3	PO,	OSU, PSU,UO,
	CG 111		Study Skills for Coll Learning	Study Skills for College Learning Provides information, techniques, strategies and skills helpful in becoming more efficient in time management, studying, listening, notetaking and taking exams. Addresses basic principles of the psychology of learning and memory as they relate to college students. Instructor permission may be required. Prerequisite: College-level reading and/or writing skills as	3	PO,TB,	OSU, PSU,UO,
	CG 140		Career Development	How do I choose a career? Where do I go from here with my life? Provides tools needed to make an informed career decision. Includes interest testing and self assessment of skills, values, and attitudes. Learn how to locate occupational information, conduct informational interviewing, make decisions, and set goals. Instructor permission may be required. Prerequisite:	3	PO,TB, CG,	OSU, PSU,UO,
	CG 143		CD: Students with Disabilities	Career Development: Students with Disabilities Provides the disabled student with practical behavioral and interpersonal skills to become more effective in dealing with the challenges of disablement. Presents information and techniques regarding assertiveness, stress reduction, time management, self-esteem building and motivation. Department permission required.	1	CG,	PSU,UO,
	CG 144		Intro to Assertiveness	Provides basic communication skills students can use to state or declare their rights in a positive fashion to obtain desired results in career, social and personal relations.	1	TB,	PSU,UO,

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	CG 145		Stress Management	Identifies specific, personal stressors and develops skills that enable students to more effectively deal with stress.	1	TB,	PSU,UO,
	CG 146		Value Clarification	Helps the student examine beliefs, attitudes and values behind decisions and actions. The student will examine whether behavior matches stated beliefs, evaluate the consequences of choices and develop a process that will enable the development of personalized values.	1	TB,	PSU,UO,
	CG 147		Decision Making	Helps students develop an awareness of their personal decision-making style. Encourages the practice of different decision-making styles to make effective life choices in personal, social or work settings.	1	PO,TB,	OSU, PSU,UO,
	CG 150		Explor Careers in Science Tech	Exploring Careers in Science Technology Explores the fields of microelectronics, biotechnology, environmental sciences and computer literacy. Covers lab experiments in biotechnology and environmental science classes, photolithography and pattern etching in microelectronics.	3	CL,	
	CG 151		Explore Careers Sci & Tech II	Exploring Careers in Science and Technology II Explore the fields of diesel, landscaping, building construction and computer literacy in this new and exciting career exploration class.	3	PO,	
	CG 209		Job Finding Skills	Explores a broad range of job search techniques, including building a job network, compiling appropriate information for job applications, targeting cover letters and resumes, typical interview questions and techniques. Promotes an overall understanding of the job search process.	1	PO,	PSU,UO,
	CG 210		Job Finding Skills	Introduces students to job search skills. Includes networking, resume writing, writing a cover letter, employer expectations, preparing for an interview, what to do after the interview, how to prepare a portfolio, and the value of a cooperative education experience. PREREQ: Fourth term standing or instructor permission.	1		UO,

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CRIMINAL JUSTICE	CJA 111		Intro Crim Just Sys - Police	Introduction to Criminal Justice System - Police Examines American and foreign criminal justice agencies and analyzes the criminal justice process from detection and arrest through prosecution, adjudication, sentencing and imprisonment or probation and parole. Includes major theories on the causes of crime and the role of police in society. Open to general public.	3	PO,TB, TV,CG, BM,	OSU, UO,
	CJA 112		Intro Crim Just Sys - Courts	Introduction to Criminal Justice System - Courts Explores the court systems and their procedures, laws as they affect the court system, kinds and degrees of evidence, rules governing admissibility of evidence, and the structure and function of American local, state and federal court systems. Open to general public.	3	PO,TB, TV,	OSU, PSU,U O,
	CJA 113		Intro Crim Just Sys-Correction	Introduction to Criminal Justice System - Corrections Covers theories and current practices in correctional treatment, crime prevention, contemporary criminal justice services and treatment methods, and professional career opportunities.	3	PO,TV,	OSU, UO,
	CJA 199		Criminal Justice Seminar	Designed for criminal justice agencies offering special topic seminars to meet the information and training needs of local criminal justice agencies.	3	TV,	
	CJA 210		Arrest, Search & Seizure	Presents Constitutional and Oregon Statutory requirements in the areas of arrest, search and seizure. Includes document preparation, service and courtroom presentation. Prerequisite: CJA 111 and WR 121.	3	PO,TB,	OSU, PSU,U O,
	CJA 211		C & E Issues for CJ Practition	Civil & Ethical Issues for Criminal Justice Practitioners Provides a practical approach to the civil ramifications of actions taken by law enforcement practitioners, e.g. police, corrections, parole and probation and closely related occupations. Includes a look at ethical standards of their decision making.	3	PO,TV,	OSU, PSU,U O,
	CJA 212		Criminal Law	Covers the origin, structure and definitions of common law and statutory crimes, the Oregon Criminal Code, and criminal court procedures. Prerequisite: CJA 111 and WR 121.	3	PO,TV,	OSU, PSU,U O,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	CJA 213		Evidence	Explores the nature and types of criminal evidence and rules governing admissibility, competency and relevancy. Introduces presentation and suppression of evidence, hearsay rules and exceptions. Prerequisite: CJA 111 and WR 121.	3	PO,TV,	OSU, PSU,UO,
	CJA 214		Criminal Investigation	Introduces modern investigative methods, including the collection and preservation of physical evidence, scientific aids, sources of information, interviews, follow-up and case presentation. Includes techniques of interview and interrogation and the use of the polygraph and investigative hypnosis. Prerequisite: CJA 111 and WR 121.	3	PO,TV,	OSU, PSU,UO,
	CJA 215		Forensic Sci & Criminalistics	Forensic Science & Criminalistics Covers the theoretical and technical skills necessary for complex criminal investigation. Explores how scientific principles help in crime detection and solution. Instructor permission may be required. Prerequisite: CJA 111, WR 121, and CJA 213.	3	PO,	OSU, PSU,UO,
	CJA 217		Interviewing & Interrogation	Presents knowledge and working skills in the art of interviewing and interrogation. Prerequisite: CJA 111 and WR 121.	3	PO,	OSU, PSU,UO,
	CJA 218		Crim Just Persp: Vio & Aggres	Criminal Justice Perspectives of Violence & Aggression Explores and analyzes violence and aggression as viewed from biological, psychological, psychiatric and sociological perspectives. Emphasizes episodically violent individuals, their detection, treatment methods and violence prevention in the area of crisis intervention. Presents the tools and techniques of crisis intervention through discussion, demonstrations, simulation and role playing. Prerequisite: CJA 111 and WR 121.	3	PO,	OSU, PSU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	CJA 219		Community Policing	Covers the concept of "community policing" and the various elements of police work that relate to community policing. Explores the importance of law enforcement forming partnerships with the public to identify problems and find solutions to those problems. Examines the causes and types of prejudice and how cultural and racial differences relate to the criminal justice system. Emphasizes the crucial role the individual officer plays in gaining public support by developing interpersonal relationships	3	PO,TV,	OSU, PSU,UO,
	CJA 222		Juvenile Corrections	Covers the historical and contemporary aspects of the juvenile offender, including juvenile law, legal process, and the juvenile court's structure and function.	3	PO,	OSU, PSU,UO,
	CJA 226		Dynamics of Juvenile Behavior	Covers the problems of juveniles, emphasizing juvenile delinquency and deviant behavior. Reviews the major theories of juvenile delinquency and treatment strategies for these childhood and adolescent problems. Includes the historical and contemporary aspects of the juvenile offender, examination of juvenile court structure and function, juvenile law and legal process.	3	PO,	OSU, PSU,UO,
	CJA 243		Narcotics & Dangerous Drugs	Covers the history and causes of narcotic and drug problems, how to identify drug addicts and drug abusers, how to define and classify various types of narcotics and dangerous drugs, including laws and other controls and rehabilitation programs. Prerequisite: CJA 111 and WR 121.	3	PO,	OSU, PSU,UO,
	CJA 260		Introduction to Penology	An overview of the institutional penal system, including jails and detention facilities, prisons, treatment and work release facilities. Course provides a historical and policy study of the role and purposes of confinement or imprisonment as a criminal justice system tool. Prerequisite: CJA 113.	3		UO,
	CJA 261		Intro to Probation and Parole	Introduction to Probation and Parole Provides an introduction to Community Corrections or probation and parole in the management of offender behavior. Management of Community Corrections agencies and community interventions with offenders will be discussed. Prerequisite: CJA 113.	3		UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	CJA 262		Intro to Correctional Process	Introduction to Correctional Process Covers the process of how offenders are brought under correctional supervision. Causes of criminal activity, the problems of crime in American society and the processes of pre-trial and post conviction supervision of offenders are discussed. Prerequisite: CJA 113.	3		UO,
	CJA 263		Intro to Corrections Casework	Introduction to Corrections Casework Provides an introduction to the process of casework and case management in a correctional setting. The course will develop both a theoretical and practical base of knowledge to allow the student to develop counseling techniques. Prerequisite: CJA 113.	3		UO,
	CJA 264		Intro to Correctional Admin	Introduction to Correctional Administration Provides an introduction to the administration of correctional institutions and programs. The management and administration of jails, prisons and community based programs will be discussed. Prerequisite: CJA 113.	3		UO,
	CJA 279		Criminal Justice Seminar	Designed for criminal justice agencies offering special topic seminars to meet the information and training needs of local criminal justice agencies.	4	PO,	OSU, PSU,UO,
	CJA 280		Cooperative Work Experience:	Cooperative Education: Students participate with various public sector criminal justice agencies to learn about their structure and function. The field placement must be program-related. Instructor permission required. Prerequisites: CJA 111, 112, 113, 211, 212, and 213.	3	PO,TB,	OSU, PSU,UO,
	CJA 298		Independent Study:	Advanced, individualized study in areas not considered in other courses to meet special interests or program requirements. Complete a term project approved by the instructor. Recommended: prior study, and instructor permission.			
	CJA 299		Special Studies:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
COMPUTER SCIENCE			Concepts of Computing	Introduction to the science of information representation and manipulation. Laboratories use word processors, spreadsheets, and graphics packages to illustrate issues. Discussion of communication networks. Prerequisite: Math 111	4	BM,CL,	
*	CS 121		Concepts of Computing	Introduces elements of the design of computer, provides an understanding of basic elements of programming, and surveys applications and discusses their effects on society. Prerequisite: Math 111	4	BM,CL,	
*	CS 122		Concepts of Computing	Introduction to algorithm design and complexity analysis, data structures and programming. Surveys approximation and sorting algorithms. Introduces techniques for program testing. Uses the programming language Pascal. Prerequisite: CS 121	4	BM,CL,	
	CS 140U		Intro to UNIX	Introduction to UNIX Covers UNIX commands, input/output routines to include filter and pipe, UNIX file system/management, file security, and mail handling facilities for a single host and a network configuration. Students complete a series of exercises with UNIX utilities and write a shell script. A course in computer literacy, such as CIS 120 recommended. CDA: Additional lab hours may be required.	4	PO,CL, SW	OSU, PSU,UO,
*	CS 161		Computer Science I	Introduces elementary principles of software engineering, structured program design, modular programming, problem solving, and social issues of computer programming. Topics include: scalar and structured data types, alternation and repetition control structures, and elementary text file processing. Prerequisites: MTH 111, placement in WR 121, and CS 140U. CDA: Additional lab hours may be required.	4	PO,CE, CH,BM, CL,UM,	OSU, PSU,UO,
*	CS 162		Computer Science II	Continues study of problem solving, using program design methodology and structured programming. Covers a variety of data structures and algorithms for storing and manipulating data. Includes records, sets, files, linked lists, stacks and queues, trees, search and sort techniques, and recursion. Prerequisite: CS 161. CDA: Additional lab hours may be required.	4	PO,CE, CH,BM, CL,UM,	OSU, PSU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	CS 171		Assembler Language I	Includes number representation, instruction execution, programming and the assembly process. Includes organization and internal operation of a computer and designing, coding and debugging assembler programs involving data manipulation, decimal arithmetic and input/output operations. CS 161 or equivalent, such as GE 113 required. CDA: Additional lab hours may be required.	4	PO,CH, BM,UM,	OSU, PSU,U O,
	CS 233U		C Programming	Covers aspects of program control, program processing, data types and structures, functions, recursion, sorting techniques and systematic program design. Emphasizes all aspects of the programming and problem-solving process. Includes linear data structures, linked lists, stacks, queues, trees, recursive functions, and merging, sorting and searching data structures. Prerequisite: CS 161. CDA: Additional lab hours may be required.	4	PO,CE, CH,UM,	OSU, PSU,U O,
	CS 248U		Advanced UNIX & C	Advanced UNIX and C Introduces the C language and the UNIX operating system environment used in many upper division computer science courses. Presents the file system, operating system calls, shell level programming, low-level debugging of high-level language programs. Complete several programming lab exercises working with arrays, records, streams, files, linked lists, binary trees, and filters.	4	PO,	OSU, PSU,U O,
	CS 250		Discrete Structures	Discrete Structures Introduces fundamental structures underlying the study of computer science. Includes set theory, functions, relations, induction, recursion, and elementary combinatorics. Presents functional programming model as an alternative model of computation. Topics of recursive programming and recursive computational structures will be examined. Prerequisites: CS 161, CS 162, MTH 253 and WR 121.	4	PO,	OSU, PSU,U O,
	CS 251		Logical Structures	Covers structures related to logic and abstract algebras. Includes formal proof techniques, propositional and predicate calculus, computational logic, automatic theorem proving, the logic and knowledge based programming model, Boolean algebra and circuit design, and the formal structure of abstract algebras. CDA: Additional lab hours may be required.	4	PO,	OSU, PSU,U O,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	CS 252		Computational Structures	Introduces the student to fundamental theoretical structures and concepts underlying the study of computer science. Covers structures related to formal languages, grammars and the subject of solvable and unsolvable problems. Includes formal languages and grammars and the computational models that are their equivalence. Prerequisites: CS 251 and WR 121.	4	PO,	OSU, PSU,UO,
*	CS 260		Data Structures	Covers abstract data structures used to store, access, and manipulate information in computer programming. Implementation language will be C++. Includes stacks, queues and lists, searching, hashing, sorting, binary trees and general trees. Prerequisite: CS 162. CDA: Additional lab hours may be required.	4	PO,CH, BM,CL,	OSU, PSU,UO,
*	CS 271		Computer Architecture	Introduces organization and design of computer systems based on the interaction and interrelationship of various components. Includes instruction sets, performance measurements, floating point numbers, logic design, arithmetic and logic units, buses, control units, memory hierarchy, input/output, pipelining, and multiprocessor systems. Prerequisites: CS 171, CS 161.	4	PO,	OSU, PSU,UO,
*	CS 271 II		Computer Architecture	Continuation of CS171. Includes advanced addressing modes. I/O programming, data structures, conditional and macro assembly, interrupt processing, high-level language interface. Several CPU's will be compared. Prerequisite: CS 171 or instructor's consent.			
	CS 280		Cooperative Work Experience:	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
	CS 298		Independent Study:	Advanced, individualized study in areas not considered in other courses to meet special interests or program requirements. Complete a term project approved by the instructor. Recommended: prior study, and instructor permission.			
	CS 299		Special Studies:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
ECONOMICS	EC 115		Outlines of Economics	Surveys the principles of economics, government economic policies and institutions, and international issues. Emphasizes topics of particular interest to each class.	3	PO,BM,CL,CT,	OSU, PSU,UO,
*	EC 200		Prin Econ: Intro, Inst & Phil	Principles of Economics: Intro, Institutions & Philosophies Concepts involving scarcity and choice; the evolution of economic thought; the development of the industrial market system; the present U.S. economic structure; and international trade.	3	PO,CH,CL,TB,	OSU, PSU,UO,
*	EC 201		Prin Econ: Microeconomic s	Principles of Economics: Microeconomics Covers individual units in the economy, the basics of the price system, production, distribution and market concentration. Recommended prerequisite: EC 200.	3	PO,CE,CLBM,TB,TV,UM,CT	OSU, PSU,UO,
*	EC 202		Prin Econ: Macroeconomic s	Principles of Economics: Macroeconomics Covers the overall economy. Includes the basic reasons for and the problems of recession, inflation and stagflation; the use of monetary, fiscal, and income policies; and other economic management tools. Recommended prerequisite: EC 200.	3	PO,CE,CKBM,CL,TBTV,UM,CT	OSU, PSU,UO,
*	EC 203		Prin Econ: App to Econ Issues	Principles of Economics: Applications to Economic Issues International economics: balance of payments, foreign exchange rates and comparative economics. Covers energy, poverty and discrimination, urban, and environmental problems. Includes inflation, unemployment and competing macro management theories. Prerequisites: EC 200 or EC 201 or EC 202, or instructor permission.	3	PO.CH.BM.CL.TV.UM,	OSU, PSU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	EC 216		Labor Mkts :Econ o/Gender &Work	Labor Markets: Economics of Gender & Work The study of labor markets with an emphasis on the economic status of women and their decisions about work and family. Topics of study include: recent developments in the labor market; the gender pay gap and women-men occupational differences; labor supply decisions; human capital theory; economics of marriage and household decisions. Prerequisite: either EC 200 or EC 201.	3	PO,CL, LB,	OSU, PSU,U O,
	EC 230		Cont World Eco Issue Intl Econ	Contemporary World Economic Issues: International Economics Selected issues and problems related to international economics and international economic institutions. Includes trade and the balance of payments, trade competition between Japan and the U.S., reform and restructure of the Russian and Eastern European economies, economic development and problems of developing nations.	3	PO,UM, CL,	OSU, PSU,U O,
	EC 280		Cooperative Work Experience:	Cooperative Work Experience: On-the-job experience (paid of volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
	EC 298		Independent Study: Economics	Individualized study at an advanced level in areas of economics not considered in other courses to meet special interests or program requirements. Students complete a term project and readings approved by the instructor. Recommended: prior study of economics and instructor permission.	3	PO,	OSU, PSU,U O,
	EC 299		Economics	Special Studies: Economics Special topics, activities, or projects in an area of economics not usually covered in depth in other economics courses. Recommended: prior study in economics and instructor approval.	3	PO,TV,	OSU, PSU,U O,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
ENGINEERING	GE 101		Engineering Fundamentals	Introduction to engineering occupations, registration laws, and ethics. Emphasizes engineering problem solving using computer applications. Scientific, programmable, graphing calculator required. Prerequisites: Placement in MTH 251. prerequisite: WR 115.	4	PO,CH, CL,TV, UM,CE,	OSU, PSU,UO,
	GE 102		Engineering Graphics	Introduces manual and computer-aided drafting including hand sketching, drafting standards, pictorial drawings, and dimensioning. Includes creation of 2-D drawings and 3-D solid models with AutoCAD. Prerequisite: GE 101.	3	PO,CH, CL,TV, UM,MH,	OSU, PSU,UO,
	GE 103		Engineering Applications	Introduces engineering design and computer programming. Focuses on a group design project incorporating tools learned in GE 101, 102, and 103. Includes project management topics along with report writing and oral presentations. Prerequisite: WR 121.Corequisite: GE 102.	3	PO,CH, CL,TV, UM,	OSU, PSU,UO,
	GE 114		Engineering Programming	Introduces structured programming with applications to engineering problems. Prerequisite: GE 101 or department-approved equivalent.	4	PO,	
	GE 116		Introduction to CAD	Introduces CAD as a drafting tool. Hardware configuration and operation, data manipulation from the system's CPU, and creation, storage, retrieval and modification of drawings are covered. DOS knowledge required. Prerequisite: GE 115.	2	TV,	PSU,UO,
	GE 171		Intro to Logic Design	Introduction to Logic Design Introduces switching theory and logic design. Number systems, logic families, Boolean algebra, minimization, flip-flops, registers and counters, are covered. Analysis and design of finite state machines with discrete and programmable devices. Prerequisite: GE 221.	5	PO,	OSU, PSU,UO,
	GE 199		Special Studies:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	GE 211		Static's	Analysis of forces acting on particles and rigid bodies. Force systems, cancroids, and moments of inertia are covered. Scientific, programmable, graphing calculator required. Prerequisites: MTH 253, PHY 211 and GE101.	4	PO,CL,	OSU, PSU,U O,
	GE 212		Dynamics	Kinematics and kinetics of particles and rigid bodies are analyzed by Newton's laws, work-energy and impulse-momentum methods. Prerequisite: GE 211.	4	PO,CL,	OSU, PSU,U O,
	GE 213		Strength of Materials	Relationships between stress and strain in deformable solids are studied. Analysis is applied to axially-loaded members, circular shafts, beams and columns. Combined stresses, statically indeterminate systems and properties of structural materials are included. Prerequisite: GE 211.	4	PO,CL,	OSU, PSU,U O,
	GE 221		Electrical Circuits I	DC and AC circuit analysis. Ohm's and Kirchhoff's Laws, network theorems, node voltage and mesh current methods. Includes computer circuit simulation, math analysis using Maple, and laboratory experiments. Recommended: MTH 253. Prerequisites: GE 101, MTH 252, PHY 213.	5	PO,	OSU, PSU,U O,
	GE 222		Electrical Circuits II	Circuit analysis using Laplace and Fourier transforms. Fourier series, convolution integral, transfer functions, and frequency response. Includes computer analysis using Maple, lab experiments using Lab View, GPIB and DAQ, and computer circuit simulation. Prerequisites: GE 221 and MTH 256.	5	PO,	OSU, PSU,
	GE 223		Feedback and Control	Introduction to the design and compensation of feedback control systems, block diagram reduction methods, frequency and time response analysis, stability considerations, root locus and frequency response analysis. Prerequisite: GE 222.	4	PO,	OSU, PSU,U O,
	GE 226		Plane Surveying	Basic concepts of plane surveying are introduced. Includes use of tape, level, transit, electronic total station, note keeping, horizontal and vertical control networks. Includes calculations and adjustments, angles and bearings, and topographic surveying and mapping. Prerequisite: GE 102.	4	PO,	OSU, PSU,U O,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	GE 231		Material Science	Selection of materials for modern engineering applications. Structure and properties of metals, ceramics and polymers starting with fundamental atomic arrangements. Micro structural control through thermal and mechanical processing and effects of service environment are covered. Prerequisites: PHY 211, MTH 252, and CH 201 or 221.	4	PO,	OSU, PSU,UO,
	GE 262		Manufacturing Processes	The interaction of design with industrial materials and processes is considered in connection with technical and economic feasibility, trade-offs and automation. Prerequisite: GE 102.	3	PO,	OSU, PSU,UO,
	GE 275		Microprocessor Systems	Introduces to microprocessor architecture, assembly language programming and basic microcomputer system design. Use specialized software development tools to write applications programs and test/debug programs in prototype systems. Prerequisite: GE 171.	4	PO,	OSU, PSU,UO,
	GE 280A		CE: Engineering	Cooperative Education: Engineering For students employed in an approved co-op education position with a local company. Credits do not ordinarily transfer for an engineering degree. Department permission required.	5		PSU,UO,
	GE 298		Independent Study:	Advanced, individualized study in areas not considered in other courses to meet special interests or program requirements. Complete a term project approved by the instructor. Recommended: prior study, and instructor permission.			
	GE 299		Special Studies:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
ENGLISH		ENG 104	Intro to Literature (Fiction)	Introduction to Literature (Fiction) Enhances enjoyment of short stories and novels, increases understanding of the conventions of fiction, and encourages exploration of human experience. Prerequisite: Placement into WR121.	3	PO,CE, CH,BM, TB,TV, UM,	OSU, PSU,U O,
*		ENG 105	Intro to Literature (Drama)	Introduction to Literature (Drama) Enhances enjoyment of plays - including tragedies and comedies - as literature, increases understanding of the conventions of drama and the theater, and encourages exploration of human experience. Prerequisite: Placement into WR 121.	3	PO,CE, CH,BM, TB,TV, UM,	OSU, PSU,U O,
*		ENG 106	Intro to Literature (Poetry)	Introduction to Literature (Poetry) Enhances enjoyment of poetry, increases understanding of the conventions of poetry and poetic forms, and encourages exploration of human experience. Prerequisite: Placement into WR 121.	3	PO,CE, CH,BM, TB,TV, UM,	OSU, PSU,U O,
*		ENG 107	World Literature - Western	Introduces literature of the Western World in translation from 800 B.C.E. to present. Compares the cultural perspectives and historical contexts of diverse writers and their works in order to provide insight into the literary past and present of the Western World. Emphasizes literature from the ancient world to 800 B.C.E. Prerequisite: Placement into WR 121.	3	PO,CE, CH,BM, TV,UM,	OSU, PSU,U O,
*		ENG 108	World Literature - Western	Introduces literature of the Western World in translation from 800 B.C.E. to the present. Compares the cultural perspectives and historical contexts of diverse writers and their works in order to provide insight into the literary past and present of the Western World. Emphasizes literature from the medieval era through the 17th century. Prerequisite: Placement into WR 121.	3	PO,CE, CH,BM, TV,UM,	OSU, PSU,U O,
*		ENG 109	World Literature - Western	Introduces literature of the Western World in translation from 800 B.C.E. to the present. Compares the cultural perspectives and historical contexts of diverse writers and their works in order to provide insight into the literary past and present of the Western World. Emphasizes literature from the 18th century to the present. Prerequisite: Placement into WR 121.	3	PO,CE, CH,BM, TV,UM,	OSU, PSU,U O,
		ENG 195	Film as Lit (Film as Art)	Film as Literature (Film as Art) Enhances visual literacy by exploring power of film image to shape and reflect culture and ideology in this and other countries; raises questions about film and its relationship to cultural values, self, other. Studies film genres and styles; spectatorship, representation, identification; aesthetics; film history; film as a collaborative medium; Hollywood and independent cinema; technique and grammar of film; major film theories.	3	PO,LA,	OSU, PSU,U O,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		ENG 196	Film as Lit (Great Directors)	Film as Literature (Great Directors) Enhances visual literacy by exploring power of film image to shape and reflect culture and ideology in this and other countries; raises questions about film and its relationship to cultural values, self, other. Studies film as a construction of "reality"; the relationship of image to power; western and non-western points of view; issues of majority and minority representation as they relate to race and gender; roles of man, woman, and child in the cinematic	3	PO,	OSU, PSU,UO,
		ENG 197	Film as Lit (Contemporary Cinema)	Film as Literature (Contemporary Cinema) Enhances visual literacy by exploring power of film image to shape and reflect culture and ideology in this and other countries; raises questions about film and its relationship to cultural values, self, other. Studies various influences on contemporary film practice; ethnographic, experimental, feminist films; direct cinema; censorship; relationship of film to politics and economics; influence of television and video on film; post-structuralism and semio	3	PO,	OSU, PSU,UO,
		ENG 199		Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			
*		ENG 201	Shakespeare	Enhances understanding and appreciation of Shakespeare's achievement and contribution to literature. Focuses on five or more plays and selected non-dramatic poetry in order to introduce the study of Shakespeare's dramatic techniques, character development, and language. The works are chosen to reflect a broad range of patterns, themes, and genres. Recommended prior coursework: ENG 105 and 106. Prerequisite: Placement into WR 121.	3	PO,CE, CH,BM, TV,UM, SW,	OSU, PSU,UO,
*		ENG 202	Shakespeare	Enhances understanding and appreciation of Shakespeare's achievement and contribution to literature. Focuses on five or more plays and selected non-dramatic poetry in order to introduce the study of Shakespeare's dramatic techniques, character development, and language. The works are chosen to reflect a broad range of patterns, themes, and genres. Recommended prior coursework: ENG 105, 106, and 201. Prerequisite: Placement into WR 121.	3	PO,CE, CH,BM, TV,UM,	OSU, PSU,UO,
*		ENG 203	Shakespeare	Enhances understanding and appreciation of Shakespeare's achievement and contribution to literature. Focuses on five or more plays and selected non-dramatic poetry in order to introduce the study of Shakespeare's dramatic techniques, character development, and language. The works are chosen to reflect a broad range of patterns, themes, and genres. Recommended prior coursework: ENG 105, 106, 201, and 202. Prerequisite: Placement into WR 121.	3	PO,CE,CH ,BM,TV,UM, LB,LA,MH, RO,	OSU, PSU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*		ENG 204	Survey of English Literature	Literature of the British Isles: Medieval and Renaissance selections, from Beowulf to Shakespeare. Prerequisite: Placement into WR 121.	3	PO,CH,B M,UM,LA, MH, OC,	OSU, PSU,U O,
*		ENG 205	Survey of English Literature	Literature of the British Isles: seventeenth, eighteenth, and early nineteenth century selections, from Donne through the Early Romantics. Prerequisite: Placement into WR 121.	3	PO,CH,B M,UM,MH, LA, OC,CL,	OSU, PSU,U O,
*		ENG 206	Survey of English Literature	Literature of the British Isles: nineteenth and twentieth century selections, beginning with Wordsworth and ending with contemporary works. Prerequisite: Placement into WR 121.	3	PO,CH,B M,UM,CL, MH, OC,LA, TV,	OSU, PSU,U O,
		ENG 207	World Literature - Asian	English translations of Indian literature from earliest times to modern. May include such works and authors as hymns from the Rygveda, the love stories and the battles of the Ramayana, and the twentieth century authors Tagore and Rushdie. Prerequisite: Placement into WR 121.	3	PO,UM, LB,	OSU, PSU,U O,
		ENG 208	World Literature - Asian	English translations of Chinese literature from earliest times to modern. May include such works and authors as The Book of Songs, Li Po, Tu Fu, The Journey to the West, and the twentieth century authors Lu Xun and Ding Ling. Prerequisite: Placement into WR 121.	3		OSU, PSU,U O,
		ENG 209	World Literature - Asian	English translations of Japanese literature from earliest times to modern. May include such works and authors as the Manyoshu, selections from Heian court diaries, The Tale of Genji, the No, Kabuki, and puppet theatres, and the twentieth century authors Kawabata, Tanizaki, Hayashi, Fumiko, and Mishima. Prerequisite: Placement into WR 121.	3	PO,	OSU, PSU,U O,
*		ENG 210	Non-European Literature	Representative works of poetry, prose, and drama from cultures outside Western Civilization.		LA,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		ENG 211	Contemporary African Lit	Contemporary African Literature Introduces a cross-section of the literature of Africa from 1960 to the present. Students read works of African authors who help readers understand the historical, geographical, and cultural tapestry that make up the African continent. Prerequisite: Placement into WR 121.	3	PO,BM, RO,CE, UM,LA, MH,LB, CH,	OSU, PSU,U O,
		ENG 212	Biography	Explores biography and autobiography from various places and periods. Prerequisite: Placement into WR 121.	3	BM,CE, UM,CH, LB,MH, LA,	PSU,U O,
		ENG 213	Latin American Literature	Explores fiction, poetry, drama, myths, and more from Latin America. Includes works of Hispanic, Indigenous, and Afro-Caribbean origin. All readings are in English. Prerequisite: Placement into WR 121.	3	PO,BM, LA,CE, UM,CH, LB,MH,	OSU, PSU,U O,
		ENG 214	Literature of the Northwest	Studies fictional, factual, and poetic works by Northwest writers from before the arrival of Euro-Americans to the present. Emphasizes relationship between Northwest writing and Northwest social, cultural, and physical environment. Prerequisite: Placement into WR 121.	3	PO,	OSU, PSU,U O,
*		ENG 220	Intro to Non-European Lit.	An overview of the literature of one or more non-European cultural groups, including fiction, poetry, drama and expository prose. Subtitles and cultural groups may vary		CT,	
		ENG 222	Images of Women in Literature	Challenges students to explore images of women in literature. Focuses on portrayal of the feminine in mythology; conventional images in Western literature; literature of non-Western cultures or that of other groups within Western culture in relation to specific themes; or a combination of these. Students practice literary analysis. Prerequisite: Placement into WR 121.	3	PO,	OSU, PSU,U O,
		ENG 240	Intro to Native American Lit	Introduction to Native American Literatures Studies oral and written composition by Native Americans from both before and after contact with Euro-Americans. Provides historical, geographical, political, social, religious, linguistic, aesthetic and ethno poetic contexts for understanding the various tribal literatures studied. Recommended: some background or experience in literature is desirable. Prerequisite: Placement into WR 121.	3	PO,BM, TB,	OSU, PSU,U O,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		ENG 244	Intro to Asian American Lit	Introduction to Asian American Literature Studies writings in English by American writers of Chinese, Japanese, Korean, Vietnamese, Filipino, Pacific Islander, and other Asian ancestry. Considers the writings in their historical, cultural, political, and social contexts. Emphasizes development of attitudes, values, and identities.	3	BM,	
		ENG 250	Intro to Folklore & Mythology	Introduction to Folklore and Mythology Explores origins, nature and content of myth and folklore. Offers student ability to recognize and appreciate myths from any culture. Through selected readings, students become aware of questions about life as expressed in myth. Prerequisite: Placement into WR 121.	3	PO,CH, TB,UM,	OSU, PSU,U O,
*		ENG 253	Survey of American Literature	Introduces students to the literature of the land which is now the U.S. from before European contact through the early nineteenth century. Revolves around oral and written manifestations of peoples creating and recreating American culture. Prerequisite: Placement into WR 121.	3	PO,CE, BM,TB, TV,UM, SW,	OSU, PSU,U O,
*		ENG 254	Survey of American Literature	Introduces students to the literature of the land which is now the U.S. from the mid-nineteenth to the beginning of the twentieth century. Revolves around oral and written manifestations of peoples creating and recreating American culture. Prerequisite: Placement into WR 121.	3	PO,CE, CH,BM, TB,TV, UM,SW,	OSU, PSU,U O,
*		ENG 255	Survey of American Literature	Introduces students to the literature of the land which is now the U.S. from the beginning of the twentieth century to the present. Revolves around oral and written manifestations of peoples creating and recreating American culture. Prerequisite: Placement into WR 121.	3	PO,CE, CH,BM, TB,TV, UM,SW,	OSU, PSU,U O,
		ENG 256	African-American Literature	Introduces the literature of the American people whose roots are in Africa, emphasizing the period of the Diaspora, the Middle Passage, and the period of slavery. Addresses the African origins of African American writing, the role of oral storytelling, the slave narrative, and the earliest literary publications. Focuses on both oral and written texts that represent the interests, aspirations, and experiences of African Americans. Prerequisite: Placement into WR 121.	3	PO,CH,	OSU, PSU,U O,
		ENG 257	African American Literature	Introduces literature of Americans whose roots are in Africa. Emphasizes period Post Civil War through the Harlem Renaissance. Covers "birth" of African American canon, post-war novels, short stories, poems, autobiographies, and plays. Literary magazines may be read to introduce early African American literary criticism. Focuses on oral and written texts representing interests, aspirations, and experiences of African Americans.	3	CH,PO,	PSU,U O,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		ENG 258	African American Literature	Introduces modern and contemporary literature of Americans whose roots are in Africa. Emphasizes period following Harlem Renaissance. Introduces writings which came to age after the Harlem Renaissance as well as contemporary writings. May focus on experimental writings to understand ways of African and early African American tropes as used in new and innovative ways. Focuses on oral and written texts representing interests, aspirations, and experiences of African Americans.	3	PO,	PSU,UO,
		ENG 260	Intro to Women Writers	Introduction to Women Writers An examination of writing by women. Students read poetry, fiction, plays, diary and journal entries by women from various places and periods. Prerequisite: Placement into WR 121.	3	PO,CH, TB,	OSU, PSU,UO,
		ENG 261	Literature of Science Fiction	Introduces literature of speculative or science fiction. Explores historical and contemporary themes. Covers a variety of authors, and examines the art and function of this genre of fiction. Recommended: student should possess sufficient aural/oral skills to fully participate in large and small group activities. Prerequisite: Placement into WR 121.	3	PO,CH,	OSU, PSU,UO,
		ENG 265	International Political Poetry	Develops students' understanding of how poets address issues of class oppression, economic inequality, racism, sexism, war, and peace. Shows how poets function as prophets, precursors, dissidents, and recorders. Prerequisite: Placement into WR 121.	3	PO,	OSU, PSU,UO,
		ENG 275	Bible as Literature	Examines selected Biblical literature which continues to influence literary imagination. Studies literary, cultural, and interpretive contexts in which Biblical literature was created, and in which it is currently read. Prerequisite: Placement into WR 121.	3	PO,CL,	OSU, PSU,UO,
		ENG 280	Cooperative Work Experience:	Cooperative Work Experience: On-the-job experience(paid of volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
		ENG 298		Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			
		ENG 299	Reading Shakespeare		3	TB,UM, CL,	OSU, PSU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
GEOGRAPHY			Intro to Physical Geography	An introduction to the physical elements of geography and the environment in which people live. The focus is on natural processes that create physical diversity on the earth. Major topics are weather and climate, vegetation and soils, and landforms.			
*	GEO 101		Physical Geography	A study of the physical processes which comprise the climatic system, from the global scale to the local scale. Emphasis on the nature of climatic variability, its causes, and its implications for human activity.			
*	GEO 102		Physical Geography	Landforms			
*	GEO 103		Physical Geography	Vegetations and Soils			
*	GEO 104		Intro to Physical Geo. Lab.	Must be taken concurrently with GEO 100 to meet Physical Science requirement at OSU.			
	GEO 105		Intro to Human Cult Geography	Introduction to Human Cultural Geography Introduces cultural geography themes: location, human-environment interaction, place, movement, regions, environmental perception, spatial perspective and cultural landscapes.	3	PO,CE,CH, BM,TV,UM, MH,	OSU,P SU,UO,
	GEO 106		Intro to Human Cult Geography	Introduction to Human Cultural Geography Topics include world population and food issues, settlement patterns and the spatial examination of cities, and environmental modifications.	3	PO,CE,CH, BM,TV,UM, MH,	OSU,P SU,UO,
	GEO 107		Intro to Human Cult Geography	Introduction to Human Cultural Geography Covers spatial analyses and cross-cultural comparisons of international cities and regions with an emphasis on international economic development.	3	PO,CE, CH,BM, CO,MH,	OSU,U O,
*	GEO 110		Intro to Cultural & Human Geo.	Introduction cultural elements of geography, including human population, agriculture, political patterns, language, religion, folk culture, popular culture, urban landscapes, and industry and transportation.	3	CT,RO, CL	
*	GEO 120		World/Regional Geography		3	BM,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	GEO 121		Developing World	Explores the physical and human environments of the USSR, Japan, Europe, and North America. Emphasizes development patterns, demographic and ethnographic features, and regional aspects of agriculture and industry.		LB,	
*	GEO 122		Developed World	Explores the physical and human environments of Latin America, Africa, the Middle East, South Asia, China and Southeast Asia. Emphasizes themes pertinent to economic development--population, agriculture, resources and environment.			
*	GEO 130		Economic/Resource Geography	An introduction to theories and methods of locational analysis of economic activities within agriculture, manufacturing and selected services. Includes geographic distributions and area interactions among world regional economies, and the processes of regional economic development.			
*	GEO 140		Map Reading and Interpretation	Learning how to use maps for everyday and professional applications. This course covers major types and sources of maps an aerial imagery, how information is simplified and sybolized for presentation on maps, and coordinate and locational systems.		3LB,	
	GEO 199		Special Topics	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.	3		
	GEO 202		Geography of Europe	Examines the various historical, social, economic and geographic factors that make the European landscape unique. Reviews Europe's changing patterns of settlement, the pattern and variety of populations, urbanization and economic development, the natural environment and regional variations.		3PO,	
	GEO 206		Geography of Oregon	Special Studies		3PO,BM,	OSU,P SU,UO,
	GEO 208		Physical Geog: Geomorphology	Physical Geography: Geomorphology Examines the processes of landform evolution and their expression on the surface of the earth. Humankind's modification of physical processes and resulting environmental impact are studied.		3PO,	OSU,P SU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	GEO 209		Phys Geog: Weather & Climate	Physical Geography: Weather and Climate Examines the processes of the atmosphere, the distribution and character of climate types, climate change and humankind as a modifier of climate.		3 PO,CE,	OSU,UO,
	GEO 210		The Natural Environment	Focuses on natural processes that create physical diversity on the earth. Includes weather and climate, vegetation, soils, landforms, ecosystems, their distribution and significance.		3 PO,	OSU,UO,
	GEO 214		Geography of Mexico	Examines the various historical, social, economic and geographic factors that make the Mexican landscape unique. Reviews Mexico's changing patterns of settlement, the pattern and variety of populations, urbanization and economic development, the natural environment and regional variations. Much of the information will be presented through detailed case studies.		3 PO,	OSU,P SU,UO,
	GEO 221		Field Geog: The Local Lndscpe	Field Geography: The Local Landscape Includes use of field research methods, preparation of field base maps and cartographic presentation of results of field studies in the local area.		3 PO,	OSU,P SU,UO,
	GEO 265		Introduction to GIS	Geographic Information Systems (GIS) includes theoretical understanding of GIS and experience using computers to create and analyze maps and graphs. Introduces the principles and practices of GIS; provides hands-on experience with computer mapping and map analysis. Applications: site selection, planning, resource management, real estate, environmental analysis, and more.		3 PO,	
	GEO 280		Geography	Enables students to extend their knowledge of Geography through work in settings which provide learning experiences that are not available in the classroom, but which supplement classroom learning. Under the employer's supervision the student learnsto apply classroom theory to actual work situations. Department permission required.		4 PO,	OSU,P SU,UO,
	GEO 290		Environmental Problems	Provides an opportunity to carry out geographic research related to the resource, urban and environmental problems examined in GEO 105, GEO 106, GEO 107, GEO 208, and GEO 209.		3 PO,MH,	OSU,P SU,UO,

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	GEO 298		Independent Study: Geography	Offers individualized study at an advanced level in areas of geography not considered in other courses to meet special interests or program requirements. Students complete a term project and readings approved by the instructor. Recommended: prior study of geography.	3	PO,	OSU,P SU,UO,
	GEO 299		Special Studies: Geography	Special Studies: Geography Special topics, activities, or projects in an area of geography not usually covered in depth in other geography courses. Instructor approval may be required. Recommended: prior study in geography.	3	PO,	OSU,P SU,UO,
	GS 101		Survey of Astronomy	A non-lab course offered via television. Topics covered are the same as those in GS 107.	3	PO,TV, UM,	OSU,P SU,UO,
	GS 105		Phys Sci (Chemistry)	Studies the fundamental concepts and principles of chemistry in the physical world. Examines the development and application of the scientific method. Prerequisite: GS104 or consent of instructor.	4	PO,CH,CL, TB, TV,UM, LA,LB,MH, OC, RO,	
	GS 106		Phys Sci (Geology)	Physical Science (Geology) Covers minerals, rocks, volcanism, earthquakes, plate tectonics, erosion and deposition by wind, glaciers and streams, on by wind, streams, weathering, fossils and geologic history.	4	PO,CH,LA, TB, TV,UM, CL,LB,RO, MH,OC,SW	OSU,P SU,UO,
	GS 107		Phys Sci (Astronomy)	Physical Science (Astronomy) Surveys astronomy to include historical development of the universe, earth as a planet, earth's moon, planets of the solar system, the sun, stars and galaxies.	4	PO,CH,LA, TB, TV,UM, CL,LB,RO, MH,OC,SW	OSU,P SU,UO,
	GS 108		Phys Sci (Oceanography)	Physical Science (Oceanography) Includes the chemical, biological, physical and geological nature of the oceans.	4	PO,TB,TV, UM,LB,RA, SW,	OSU,P SU,UO,
	GS 109		Phys Sci (Meteorology)	Physical Science (Meteorology) Covers characteristics of our atmosphere, air pressure and winds, atmospheric moisture, large air masses, violent storms, the effect of oceans on weather, and climates.	4	PO,TV,LA, UM,MH,CL, SW,	OSU,P SU,UO,

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HEALTH / PE / RECREATION DANCE				HEALTH			
	HE 110		Cardiopulmonary Resuscitation	Cardiopulmonary Resuscitation Emergency care procedures and techniques of basic life support for adult, children or infant victims of airway obstruction, respiratory arrest and/or cardiac arrest is covered.	1	LB,PO,	UO,
	HE 112		First Aid and Emergency Care	Provides training in respiratory emergencies, adult CPR, treating wounds, bandaging techniques, application of splints and carrying techniques.	1	PO,CL,	OSU,P SU,UO,
	HE 120		Health in the Dental Workplace	Provides an opportunity to examine current health issues for personnel working in the dental areas. Topics include ergonomics, managing stress, nutrition, personal and dental health.	2	CL,TV,	
	HE 125		First Aid & Industrial Safety	Presents an overview of industrial safety regulations, accident prevention, ergonomics, hazardous materials, first aid and adult CPR. Successful students attain a First Aid and Adult CPR card.	3	PO,	OSU,P SU,UO,
	HE 199		Special Studies				
	HE 212		Women's Health	Examines current women's health issues in the United States, such as heart disease, osteoporosis, depression, cancer, domestic violence, and how they influence women's personal and academic success.	3	PO,	OSU,P SU,UO,
	HE 213		Men's Health	Examines general and specific men's health issues such as heart disease, prostate disorders, impotence and sexual dysfunction, HIV disease, human relationships and accidents/violence from a holistic wellness perspective.	3		PSU,U O,
*	HE 250		Personal Health	Explores current general health issues in emotional health and stress, physical fitness, nutrition, human sexuality, communicable and degenerative diseases and drugs from a wellness perspective.	3	PO,CH, BM,CL, TB,TV, UM,	OSU,P SU,UO,
	HE 251		Community Health	Inquires into the causes and potential solutions for current community health issues, overviews health care agencies, and explores career opportunities in community health.	3	CL,TV,	
*	HE 252		First Aid - Basics and Beyond	Explores and demonstrates basic first aid plus addresses first aid in remote settings.	3	PO,CH,BM, CL,UM,LA, LB, MH,RO	OSU,P SU,UO,
	HE 262		Child Health,Nutrition ,Safety	Children's Health, Nutrition & Safety Explores current health and safety issues for infants and young children. Issues examined include childhood illnesses and ailments, nutrition, obesity, stress, safe environment, well-child checks, self esteem, and general first aid.	3	PO,	OSU,P SU,UO,
	HE 299		Health in the Dental Workplace		2		

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	HEC/HDFS 201		Individual & Family Development				OSU,L BCC
	HEC/HFM 225		Human Nutrition	The relationship of food, its nutrients and other components to the promotion of health and fitness with emphasis on the young adult. Current health concerns on a national and international level.	4	PO,	
*	HEC/AIH M 240		Introduction to Interiors	Decision making in the selection of interior furnishings to meet human needs including aesthetic and construction features, economic considerations, planning and arrangement furnishings.			
*	HEC/AIH M 244		Presentation Tech. For Interiors	Practical graphic communication skills for preparation of interiors and their arrangement. Emphasis on a professional, non-mechanical approach for illustrating interior environments. Primary focus will be on pencil, ink, and marker techniques.			
*	HEC/AIH M 250		Textiles	Students study various aspects of textiles, including construction, structure, properties, care and use of fibers, yarns and fabrics.	4	PO,	
*	HEC/AIH M 255		Textiles	Properties, identification, selection use and care of textile fibers and fabrics. Analysis of fiber, yarn, fabric construction, color and finish in textiles. Lecture/Lab. Prerequisites: CH 104 or CH 105 or CH 106.			
*	HEC/NFM 225		Human Nutrition	The relationship of food, its nutrients and other components to the promotion of health and fitness with emphasis on the young adult. Current health concerns on a national and international level.	4	PO,	
*	HEC/HDFS 242		Managing Roles Across Life	Presents information on balancing the demands of school, work and family. Covers the work family lifestyle, handling stress, communication skills, time and money management.		LB,CH	
*	HPE 295		Health & Fitness for Life	Health and Fitness for Life Explores the role of wellness, physical fitness, stress, nutrition and cardiovascular health in promoting an individual's health and well being. Fitness testing and fitness lab are included.	3	PO,CH,	OSU,P SU,UO,
	HPE 296		Health & Fit for Industry I	Health and Fitness for Industry I Explores the roll of wellness, physical fitness, stress, nutrition and cardiovascular health in promoting an individual's health & well-being. Individual exercise program planning with emphasis on skills needed for industry and non-traditional occupations. Corequisite: Concurrent enrollment in HPE lecture section.	2	PO,	OSU,P SU,UO,
	HPE 297		Health & Fitness for Ind II	Health and Fitness for Industry II Continuation of fitness lab principles begun in HPE 296. Prerequisite: HPE 296.	2	PO,	OSU,P SU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
HEALTH / PE / RECREATION DANCE				PE			
		PE 181E	Circuit Weight Training 2-Coed	Circuit Weight Training 2 - Coed Cardiopulmonary and strength fitness are maintained/improved through the use of multiple weight and aerobic stations, based on a structured time and rotation system.	1	PO,	OSU, UO,
		PE 182A	Beg Aerobic Fitness-Coed	Beginning Aerobic Fitness - Coed Offers students knowledge and skills to keep fit for life. Teaches safe performance of movement and exercise in a progressive approach. Includes cardiovascular and muscular endurance, flexibility and body composition. Aerobic training principles stressed using target heart rate and Borg methods.	1	PO,	OSU, PSU, UO,
		PE 182B	Int Aerobic Fitness-Coed	Intermediate Aerobic Fitness - Coed Offers students an opportunity to improve and/or maintain a high level of fitness. Includes cardio-vascular endurance, muscular endurance, flexibility, and body composition. Recommended: Beginning Aerobic Fitness or a recent aerobic dance/exercise class.	1	PO,	OSU, UO,
		PE 182C	Beginning Fitness and Walking	Beginning level, self-paced walking programs and a variety of conditioning exercises for specific body areas. Provides instruction for integrating walking into a lifetime fitness program.	1	PO,TB,	OSU, UO,
		PE 182D	Intermediate Fitness & Walking	Improves fitness through self-paced walking programs designed to increase the frequency and duration of regular workouts. Incorporate a walking program into a total fitness program for future use. Recommended: Beginning Fitness and Walking or average fitness level.	1	PO,TB,	OSU, UO,
		PE 182E	Jogging for Health	Introduces the student to proper running technique and provides the opportunity to improve general fitness. Running will be done on the track until student and instructor feel the student is ready to run on the road.	1	PO,	OSU, UO,
		PE 182F	Beginning Triathlon Training	Basic knowledge and practical competency to safely and effectively train for a mini to half triathlon. Focuses on specific training methods, sports nutrition and basic physiology. Recommended: Basic bicycle riding skills.	1		
		PE 182G	Ski Conditioning	Designed to improve flexibility, strength, and general physical fitness. Emphasis will be placed on activities that relate directly to skiing techniques.	1		
		PE 182H	Adult Fitness		1	PO,TB,	OSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		PE 182J	Stress Reduction/Physical Ed	Stress Reduction/Physical Education Designed to recognize and reduce tension in various parts of the body through physical, progressive or auto-genic methods.	1		
		PE 182K	Yoga I	Exercises and activities which strengthen and condition specific large muscle groups, improve cardiovascular fitness and flexibility.	1	PO,	OSU, UO,
		PE 182L	Yoga II	Expand knowledge, application and skill in Hatha Yoga. Offers exposure to other areas of health care and an opportunity to study a selected topic in depth. Recommended: prior class in Hatha Yoga.	1	PO,	OSU, UO,
		PE 182M	Lifetime Weight Management	Introduces the student to the values and skills of Hatha Yoga (Yoga of exercise). Includes basic Yoga philosophy and exercises for increased flexibility, improved health, relaxation, and reduced stress in daily living.	1		
		PE 182N	Corrective Physical Education	Individualized, self-paced exercise and swim programs for students with acute or chronic injuries or disabilities. Instructed and supervised by a physical therapist. Conference with instructor prior to participation required.	1	PO,	OSU, UO,
		PE 182O	Cross Aerobics	Self-paced exercise program directed toward the sedentary individual. Exploration of the causes of weight gain, consequences of over-weight, obstacles to weight loss and strategies for lifetime weight management.	1		
		PE 182P	Body in Balance	Offers knowledge and skills in a method of conditioning exercise designed to increase core strength and stabilization, muscle balance, tone, coordination, and flexibility. Uses non-impact exercises to develop whole body awareness, improve posture. Can be modified to various fitness levels.	1		
		PE 182Q	Prescribed Self-Paced Fitness	Provides opportunity to develop regular physical fitness habits for everyday schedule. Faculty member prescribes/assesses student through pre/post fitness testing and required consultations. Not intended for those with limited fitness levels or other chronic/acute conditions (see PE 182N.) Requires active email account.	1		
		PE 182R	Back Care	Explore appropriate exercises, body mechanics, posture, and other techniques for prevention and relief of back pain.	1		
		PE 183A	Beginning Bowling	Covers four step approach, pendulum swing, strike and spare ball delivery. Also covers score keeping, bowling terminology, and etiquette in match play.	1		PSU,
		PE 183C	Advanced Bowling	Focuses on approach, ball swing, delivery and equipment requirements for changing lane conditions. Emphasizes physical and emotional preparation to compete in league and match play. Recommended: Intermediate bowling or equivalent.	1		

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		PE 183E	Beginning Tennis	Includes basic history/terminology/etiquette/strategy and skills of game.	1	PO,	OSU
		PE 183F	Intermediate Tennis	Builds further on the beginning techniques of the game. Emphasizes singles, doubles and competition play.	1		UO,
		PE 183G	Beginning Golf	Emphasizes fundamental techniques in the use of all clubs along with an understanding and appreciation of rules, course management and etiquette. Playing a few rounds outside of class is required. In-class time is spent on the range, putting green, pitching area and in video assessment sessions.	1	PO,	OSU, UO,
		PE 183H	Intermediate Golf	Emphasizes proper use of all clubs under variable conditions. Focuses on rules, etiquette and course management. Requires several out-of-class rounds.	1	PO,	OSU, UO,
		PE 183K	Pickleball - Badminton	Pickleball/Badminton Introduces the fundamentals of pickleball and badminton. Racquet grip, hitting strokes, court position, strategy and rules of the games will be taught.	1		
		PE 183L	Pickleball	Fundamentals and strategy of the game. Course includes terminology, etiquette, strategies, and skills of game. Singles, doubles and competition play will also be taught.	1		
		PE 183N	Racquet Sports	Introduces two court games: pickelball and badminton. Several weeks spent with each game emphasizing rules, equipment, technique and strategy for both singles and doubles play. Most class time spent in game play.	1		
		PE 183O	Beginning Table Tennis	Introduces fundamentals of table tennis skills in singles/doubles, serving, smashing, forehand/backhand rules and strategy. Knowledge and recreational play emphasized.	1	PO,	OSU, UO,
		PE 183P	Intermediate Table Tennis	Reviews strokes, strategies, and skills in singles and doubles play. Emphasizes recreational and competitive play. Recommended: Beginning table tennis skills.	1	PO,	OSU, UO,
		PE 183Q	Advanced Table Tennis	Review skills, strokes and strategies used in singles and doubles play. Prepare for competition necessary to play. Recommended: Beginning, intermediate table tennis or equivalent experience.	1	PO,	OSU,
		PE 183R	Beginning Karate I	Introduces a working knowledge of the fundamental techniques employed in the art of Karate-Do.	1	PO,	OSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		PE 183S	Beginning Karate II	Progressive continuation of fundamental techniques employed in the art of Karate-Do. Recommended: Beginning Karate I or equivalent.	1	PO,	OSU, UO,
		PE 184A	Beginning Skiing - Nordic	Designed to teach beginning nordic skiers proper skiing technique for groomed tracks and un groomed snow conditions. Emphasizes speed control, efficient body movement and safety. Basics of winter survival, proper clothing, and trail etiquette are also emphasized.	1	PO,	OSU, PSU
		PE 184B	Intermediate Skiing - Nordic	Emphasizes techniques to increase power and control in the diagonal stride, speed control in varied downhill conditions, varied turning maneuvers and beginning skating and telemark skiing Recommended: experience in basic cross country skiing.	1	PO,	OSU,
		PE 184C	Adv Skiing - Nordic	Advanced Skiing - Nordic Designed to teach student who can perform dynamic diagonal stride and turning maneuvers to perform dynamic technique adjustments to timing, terrain changes, turning for speed control and efficiency in skating and telemark skiing. Addresses terrain changes, weather and snow conditions.	1		
		PE 184D	Beginning Skiing - Alpine	Designed to teach inexperienced skiers to link turns together with control on beginning and beginning/intermediate terrain. Introduces the fun of downhill skiing and emphasizes skills necessary to ski safely on appropriate terrain. Addresses the variables of weather and snow conditions.	1		UO,
		PE 184E	Intermediate Skiing - Alpine	Opportunity for continued improvement in safe, enjoyable skiing for students capable of beginning wedge christies. Includes skidded parallel turns of varying radii with control on intermediate and beginning beginning/advanced terrain. Addresses variables of weather, snow conditions, and terrain. Recommended: Beginning Alpine class or equivalent.	1	PO,	OSU, UO,
		PE 184F	Advanced Skiing - Alpine	Ski on intermediate/advanced terrain with dynamic parallel turns. Apply edging, pressure control, rotary and balancing movements to allow confidence and versatility on steeper terrain and in varying snow conditions. Addresses variables of weather, snow conditions, and terrain. Recommended: Intermediate Alpine class or equivalent.	1		

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		PE 184G	Skiing the Deep and the Steep	Master a variety of ski turns in difficult conditions such as deep, wet snow, powder, ice and on more difficult terrain such as mogals. Stresses refining and adapting existing skills to new situations and experimenting with all conditions. Recommended: Advanced Skiing class or equivalent.	1		
		PE 184H	Beginning Ski Racing	Designed to teach high intermediate and advanced skiers the basic technique and tactics of ski racing. Students will be taught to ski more efficiently at higher speeds through a race course and in their free skiing.	1		
		PE 184I	Beginning Snowboard Skiing	Basic skills necessary for safe and fun snowboarding on appropriate terrain will be taught. Also skidded turns with control on beginning and beginning/intermediate terrain. The variables of weather and snow conditions will be addressed.	1	PO,	OSU, UO,
		PE 184J	Intermediate Snowboard Skiing	Continues refinement of basic skills. Students will be taught to link beginning carved turns with rhythm and control on intermediate and beginning advanced terrain. Stresses safe boarding with improvement in skill applications. The variables of weather and snow conditions will be addressed. Recommended: Beginning Snowboarding class or equivalent.	1	PO,	OSU,
		PE 184K	Alpine Ski Instructor Training	Develops skills needed to teach alpine skiing. American Teaching System progression will be taught from first day through open parallel turns. Skills concept, demonstrations, class safety and handling, movement analysis and limited practice teaching will be covered. Recommended: Advanced Alpine Skiing or equivalent.	1		UO,
		PE 184L	Nordic Downhill-Telemark	Nordic Downhill - Telemark Introduces intermediate/advanced cross-country skiers to the pleasures of skiing downhill with control on telemark equipment. Wedge turns, christies, wedge and open telemark turns will be taught on beginning and intermediate terrain, and linked turns for control will be emphasized. Variables of weather, snow conditions, terrain will be addressed.	1		
		PE 185A	Beginning Basketball	Provides instruction in basketball fundamentals, skills, and rules through drills and game play.	1	BM,CT,PO, CL, KL,CE, TV,KL,SW, UM,	PSU, UO,
		PE 185B	Intermediate Basketball	Provides instruction and opportunity to develop skills and knowledge above the basic level. Implements set plays and skills through drills and game play. Beginning basketball skills required.	1	BM,CT, PO,CL, KL,CE, TV,KL, SW,UM,	OSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		PE 185C	Advanced Basketball	Emphasizes continued development of skills necessary to participate in basketball at an advanced level through game play and drills. Beginning/Intermediate basketball skills required.	1	BM,CT,PO, CL, KL,CE, TV,KL, SW,UM,	OSU, UO,
		PE 185D	Beginning Volleyball	Includes basic history, terminology, etiquette, strategies and skills of game.	1	BM,CT,PO, CL, KL,CE, TV,KL, SW,UM,	UO,
		PE 185E	Intermediate Volleyball	Builds further on the beginning techniques of the game. Emphasizes team play, special situations and officiating. Beginning volleyball class or instructor permission required.	1	BM,CT, PO,CL, KL,CE, TV,KL, SW,UM,	OSU, UO,
		PE 185F	Advanced Volleyball	Builds further on the intermediate techniques of the game. Emphasizes team play, offensive/defensive situations and other advanced skills of spiking, team blocking and shoulder roll. Beginning volleyball and intermediate volleyball skills or instructor permission required.	1	BM,CT, PO,CL, KL,CE, TV,KL, SW,UM,	OSU, UO,
		PE 185G	Beginning Soccer	Basic skills, rules, and strategies for soccer will be taught. Includes dribbling, kicking, trapping, heading, throw-in, tackling, shooting, goalie play, corner kicks, goalie kicks, penalty kicks, soccer formations (5-3-2, 4-3-3, 3-3-4, 2-4-4), defensive play, offensive play, rules of soccer.	1	PO,	OSU, UO,
		PE 185H	Advanced Soccer	Presents more advanced soccer skills, strategies and rules not covered in the beginning course. Includes footwork (trapping, feinting, shielding, dribbling), tackling, volley kicking, shooting, heading, goalkeeper play, soccer formations, defense, offense, rules. Beginning and intermediate soccer skills required.	1	PO	OSU, UO,
		PE 185I	Flag Football- Coed	Covers skills, rules and strategies. Emphasizes individual and team offensive, defensive and kicking techniques as well as concepts of team organization and play. Considerable time is spent playing the game.	1	PO,	OSU, UO,
		PE 185J	Softball - Coed	Emphasizes team play, strategy and individual skills. Included are: batting, running bases and sliding, throwing from outfield, throwing from infield, pitching, catching, fielding and communication. Time is divided between drills and game play.	1	PO,	OSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		PE 185K	Slow pitch Softball - Coed	Uses basic rules and skills of softball, altered for slow pitch. Generally utilizes equal numbers of men and women in playing positions.	1	PO,	UO,
		PE 185L	Intermediate Soccer	Applies skills acquired in basic/beginning soccer play. Utilizes kicking, passing, dribbling, heading, play strategies, and goal-keeper skills. May be played on outdoor field or altered for indoor play.	1	PO,	
		PE 186A	Ballet I	Provides knowledge and skills in the fundamentals of classical ballet technique and vocabulary. Class work includes barre, center, and traveling exercises to develop and improve posture, coordination, strength, flexibility, rhythm and balance.	1	PO,	OSU, PSU, UO,
		PE 186B	Ballet II	Provides knowledge and skills in beginning/intermediate classical ballet technique and vocabulary. Class work includes barre, center, and traveling exercises, to develop and improve posture, coordination, strength, flexibility, rhythm and balance. Recommended courses are PE 186A, D192A, or their equivalent.	1	PO,	OSU, UO,
		PE 186C	Ballet III	Continues the development of classical ballet technique at the intermediate level, emphasizing greater control, speed, stamina, and vocabulary. Through more challenging combinations. Recommended courses are PE 186I, D 192C, or equivalent.	1		
		PE 186D	Intermediate Ballet	Continues the development of classical ballet technique at the intermediate level; builds on basic skills, incorporates and stresses greater control, speed, stamina, vocabulary, and proficiency in movement through longer movement combinations. PREREQ: PE 186B or equivalent, or instructor permission.	1		
		PE 186F	Beginning Jazz Dance	Introduces beginning jazz dance technique. Emphasizes and develops correct body alignment, coordination, strength, flexibility, rhythm, and movement awareness. Includes jazz dance vocabulary and simple dance combinations.	1	PO,	OSU, UO,
		PE 186G	Intermediate Jazz Dance	Continues study of jazz dance technique at the beginning/intermediate level. Emphasizes body alignment, balance, strength, flexibility, stamina, musicality, and style in dance phrases and combinations. Recommended courses are PE 186F, D 150, or their equivalent.	1	PO,	OSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		PE 186H	Advanced Theatrical Jazz Dance	Continues study of knowledge and skills in jazz dance technique at the advanced level. Emphasizes body alignment, balance, strength, flexibility, speed, stamina, musicality, and style in more challenging combinations. Recommended courses are PE 186G, D 151, equivalent.	1		
		PE 186I	Beginning Modern Dance	Introduces beginning modern dance technique. Includes development of dance fundamentals, terminology, alignment, coordination, control, movement awareness and improvisation.	1	PO,	OSU, UO,
		PE 186J	Intermediate Modern Dance	Continues study of modern dance techniques including alignment, coordination, vocabulary, axial and loco motor movements, rhythm, dynamics, and improvisation. Recommended courses are PE 186I, D 192C, or their equivalent.	1		
		PE 186K	Tap Dance I	Introduces beginning skills in tap dance. Covers basic steps, terminology, rhythms, and combinations.	1		
		PE 186L	Bas Dance: Ballrm, Country ,Folk	Basic Dance: Ballroom, Country, Folk Offers instruction in ballroom, folk and country western dance. Includes instruction, practice time, and development of personal confidence in a social setting. Coursework develops coordination, rhythm, and knowledge of basic dance skills.	1	PO,	OSU,
		PE 186M	Beginning Ballroom Dance	Introduces basic patterns in five ballroom dances (fox-trot, swing, rumba, cha cha, and waltz). Includes a basic knowledge of lead and follow, timing and identification of different rhythms.	1		
		PE 186N	Intermediate Ballroom Dancing	Continues development and refinement of skills in ballroom dance. Practice and improvement of rhythm, styling, dance variations, and dynamics.	1		
*		PE 194	Professional Activities	For physical education majors and minors. Basic skills, methods, and techniques of teaching physical education. May include: basketball, volleyball, fundamentals of movement, aquatics, conditioning, tennis, badminton, or track and field, etc.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		PE 199	Special Topics:	Physical Education: Special Topics Presents new or experimental subject matter, activities, or methods within physical education, fitness, and dance.	1	PO,BM,CL, TV,UM,	OSU, UO,
		PE 199A	Tai Chi	Explore this ancient form of gentle movement which emphasizes balance and coordination. Learn the short form of the Yang Family, Beijing style of Tai Chi, in this easy-to-follow format. Gain strength while you relieve tension and reduce stress.	1	PO,	OSU, UO,
		PE 199S	Introduction to Scuba Diving	Focuses on the knowledge, training and safety skills needed to safely enjoy the sport of scuba diving in the northwest. Prepares student for required scuba diving certificate. Intermediate swimming ability or instructor consent required.	1		
		PE 209A	Dance Performance/ Production	Dance Performance and Production Offers practical experience in rehearsing and presenting a dance performance. Recommended courses: two dance technique courses or equivalent.	3		
		PE 280	Cooperative Work Experience:	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
		PE 281	Profess Activities:Wt Training	Professional Activities: Weight Training Work with a faculty mentor to develop knowledge and skill in weight training. Design programs for circuit training and strength and endurance training. Includes equipment selection, teaching methods and safety guidelines. Recommended: Enrollment in Fitness Technology program. Prerequisite: PE 181A or PE 181B or PE 181C.	2		
		PE 282A	Prof Activities: Aerobic Fitness	Professional Activities: Aerobic Fitness Work with a faculty mentor to explore and develop knowledge about aerobic fitness. Covers components of aerobic fitness, styles of aerobic exercise, and teaching methods. Recommended: Enrollment in Fitness Technology Program. Corequisite: Concurrent enrollment in PE 182A, 182B, or instructor permission.	1		

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		PE 282B	Prof Activities: Sp Populations	Professional Activities: Special Populations Work with a faculty mentor to explore and develop fitness programs that meet the needs and abilities of special populations. Emphasizes adaptive equipment, rehabilitation goals, and safe progressions. Recommended: Enrollment in Fitness Technology Program.	1		
		PE 287	Professional Activities- Aquatic	Professional Activities - Aquatics Work with a faculty mentor to develop knowledge and skill in aquatics. Explores the use of swimming and water exercise to achieve total fitness. Recommended: Enrollment in Fitness Technology Program. prerequisite: Concurrent enrollment in PE 180H or PE 180G, or instructor permission.	1		
*		PE 291A	Lifeguard Training	Designed to help students learn, practice, and develop the skills of water safety. Successful completion results in receiving an American Red Cross Lifeguard Training certificate. Red Cross swim screening test required.	2	PO,BM,	OSU, PSU, UO,
*		PE 292A	Water Safety Instructor	Teach swimming and water safety and further develop personal skills in these areas. Successful completion leads to receiving the American Red Cross Water Safety instructor (WSI) certificate. Students must be at least 17 years of age, skilled at intermediate swim level, and have completed pertinent Red Cross requirements.	2	PO,BM,	OSU, PSU, UO,
*		PE 293	Life Guard Training Instructor	How to teach Life guarding. Successful completion leads to the American Red Cross Life guard Training Instructor certificate. prerequisites: Students must be at least 17 years of age; possess a current American Red Cross Certificate; and Introduction to Health Service Education certificate or Instructor Candidate Training certificate			
*		PE 294	Professional Activities	For physical education majors and minors. Basic skills, methods, and techniques of teaching physical education.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
HEALTH / PE / RECREATION DANCE				DANCE			
		D 150	Jazz Dance I	Introduces the fundamentals of jazz dance technique. Emphasizes and develops body alignment, coordination, strength, flexibility, rhythm, and jazz dance vocabulary in simple dance combinations.	2	PO,	OSU, PSU, UO,
		D 151	Jazz Dance II	Continues development of jazz dance technique at the advanced beginning/intermediate level. Emphasizes increased stamina, strength, control, vocabulary and musicality. Recommended courses: D 150 or PE 186F, or equivalent.	2	PO,	OSU, PSU, UO,
		D 152	Jazz Dance III	Continues development of jazz dance technique at the intermediate level. Emphasizes greater speed, control, musicality, and dynamics in longer, more challenging combinations. Recommended courses: D 151 or PE 186G, or equivalent.	2	PO,	OSU, PSU, UO,
		D 155	Dance Techniques		2		UO,
		D 156	Dance Techniques II		2	PO	
		D 169	Musical Theater Dance	Covers dance forms and styles used in the musical theater. Includes basic dance skills, terminology, and dance excerpts from musical theater shows. Recommended courses: Two dance technique courses or previous dance training.	2	PO,	OSU, PSU, UO,
		D 173	Tap Dance I		2		UO,
		D 174	Tap Dance II		2		UO,
		D 175	Tap Dance III	Presents knowledge and skills in basic tap steps and vocabulary, use of rhythms, and simple tap dance combinations.	2	PO,	OSU, PSU, UO,
		D 180	Modern Dance I Intermediate		2	PO	
		D 188	Jazz Dance I-Intermediate		2		
		D 192	Ballet I	Offers knowledge and skill development in the basics of classical ballet technique. Emphasizes correct alignment, basic barre work, simple center floor work, and ballet vocabulary.	2	PO,CT,	OSU, PSU, UO,
		D 192	Ballet II	Continues development of knowledge and skills in classical ballet technique at the intermediate level. Designed to develop control, balance, strength, quality of movement and ballet vocabulary. Recommended courses: D 192A, or PE 186A, or equivalent.	2	PO,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		D 192	Modern Dance I	Presents knowledge and skills in beginning modern dance technique. Includes dance fundamentals, vocabulary, and improvisation, emphasizing alignment, coordination, and awareness of movement.	2	PO,CT,	OSU, PSU, UO,
		D 192	Dance Lab: Modern II	Continues development of modern dance technique. Includes technique and improvisation, emphasizing alignment, strength, coordination, musicality, and dynamics. Recommended courses: D 192C, or PE 186I, or equivalent.	2	PO,CT,	OSU, PSU, UO,
		D 194	Pointe II-B		2		
		D 194	Pointe II-C		2		
		D 196	African Dance I-A		2		
		D 196	African Dance I-B		2		
		D 196	African Dance I-C		2		
		D 199	Ethnic Dance		2	PO	
		D 209	Dance Performance	Offers practical experience in rehearsing and presenting a dance performance. Recommended courses: Previous dance training or audition.	3	PO,	OSU, PSU, UO,
		D 251	Introduction to Dance	Introduces dance as a performing art through historical overview, examination of techniques and aesthetics of ballet, modern dance, and jazz dance, and viewing dance videos. Examines dance as cultural and creative expression in Western civilization, and the role of dance in contemporary society.	3	PO,	OSU, PSU, UO,
		D 260	Dance Improv. & Composition	Dance Improvisation & Composition Covers basic elements of dance design and composition. Explores movement in time, space and form through improvisations and assignments. Recommended courses: Two dance technique courses or equivalent.	2	PO,	OSU, PSU, UO,
		D 288	Jazz Dance II-Advanced	This course offers students practical experience in the organization, rehearsal, and presentation of dance/movement performances. Students must audition or have instructor permission and may earn one to three credits depending on hours involved. Some technical production elements may also be explored.	2		
		D 292	Ballet III	Continues development of classical ballet technique at the intermediate level. Incorporates longer, more challenging combinations designed to increase speed, control, use of upper body, stamina, and musicality. Recommended courses: D 192B, or PE 186B, or equivalent.	2	PO,	OSU, PSU, UO,
		D 296	Pointe III		2		
		D 299	Dance Performance		4	PO	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
HISTORY	HST 101		West Civ: Ancient Wrld to 1200	Western Civilization: Ancient World to 1200 Studies the ancient civilizations of Egypt, Mesopotamia, Greece and Rome. Covers development of Christianity and Medieval Europe.	3	PO,CH, BM,TB, TV, CG, CT, CE,	OSU, PSU, UO,
*	HST 102		West Civ: 1200-1799	Western Civilization: 1200-1799 Studies early Modern Europe including Renaissance, Reformation, Scientific Revolution and the French Revolution.	3	PO,CH, BM,TB, TV,CG, CE,CT	OSU, PSU, UO,
*	HST 103		West Civ: 1799 to Present	Western Civilization: 1799 to the Present Studies history of the 19th and 20th centuries, including the Industrial Revolution, nationalism, imperialism, socialism, world wars, the Russian Revolution and Nazism.	3	PO,CH, BM,TB, TV,CG, CE,CT,	OSU, PSU, UO,
*	HST 104		Hst East Civ: Middle East	History of Eastern Civilization: Middle East Surveys the Middle East from ancient to modern times. Includes political, economic, social, religious and diplomatic events from pre-history to modern times.	3	PO,TB, UM,CG, CE,LA, RO,	OSU, PSU, UO,
*	HST 105		Hst East Civ: India & Subcon	History of Eastern Civilization: India and Subcontinent Surveys India and Subcontinent. Includes political, economic, social, religious, and diplomatic events from pre-history to modern times.	3	PO,UM, RO,KL, CE,LA,	OSU, PSU, UO,
*	HST 106		Hst East Civ: Far East	History of Eastern Civilization: Far East Surveys the Far East regions of Asia. Includes political, social, religious and diplomatic events from pre-history to modern times.	3	PO,UM, KL,CO, LA, RO,	OSU, PSU, UO,
*	HST 110		History of Eastern Civilization	Studies central Asia including the area from Pakistan to Burma.		OC,MH, CH,SW, BM,	
*	HST 111		History of Eastern Civilization	Studies the Far East including China, Japan, Korea and Indochina (primarily Vietnam).			
*	HST 112		History of Eastern Civilization	Studies the Middle East ranging from North Africa eastward to Iran.			
	HST 199A		The Lewis and Clark Expedition	Studies the many aspects of the Lewis and Clark expedition. Covers objectives of the expedition and how the expedition has been interpreted.	3	PO,CH,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	HST 199B		Hst of the Mid-Columbia Area	History of the Mid-Columbia Area	3		
*	HST 201		Hst of U.S.:Col Period to 1840	History of the U.S.: Colonial Period to 1840 Studies cause and effect, and significant trends and movements related to political, social and economic ideas and events from Colonial times to 1840.	3	PO,CH, BM,TB, TV,UM,	OSU, PSU, UO,
*	HST 202		Hst of U.S.: 1840 to 1914	History of the United States: 1840 to 1914 Studies cause and effect, and significant trends and movements related to political, social and economics ideas and events from 1840 to 1914.	3	PO,CH, BM,TB, TV,UM,	OSU, PSU, UO,
*	HST 203		Hst of U.S.: 1914 to Present	History of the United States: 1914 to Present Studies cause and effect, and significant trends and movements related to political, social and economic ideas and events from 1914 to present.	3	PO,CH, BM,TB, TV,UM,	OSU, PSU, UO,
	HST 204		Hst Women-U.S.: Colonial-1848	History of Women in the U.S.: Colonial to 1848 Examines women's work, both domestic and in the labor force, education, religion, voluntary activities, social reform, and suffrage. Explores class, ethnic, racial and regional diversity.	3	PO,TB,	OSU, PSU, UO,
	HST 205		Hst Women-U.S.: 1848-1920	History of Women in the U.S.: 1848 to 1920 Examines women's work in a maturing industrial economy, women's social reform activities, and changing family and social relationships. Explores class, ethnic, racial, and regional diversity.	3	PO,TB,	OSU, PSU, UO,
	HST 206		Hst Women-U.S.:1920 to Present	History of Women in the U.S.: 1920 to Present Examines women's work, family, social reform, and educational experiences in modern America and traces the history of the feminist movement. Explores class, ethnic, racial, and regional variation.	3	PO,TB,CG,	OSU, PSU, UO,
	HST 218		Native American Indian History	Explores examples of Indian culture, general history of Indian life during the white occupation of North America and nature and effects of Native American and European American contact and conflict.	3	PO,TB, CG,CH,	OSU, PSU, UO,
	HST 220		Labor History	Surveys the American labor movement beginning with Colonial times. Emphasizes the development of labor organizations and their effectiveness in improving the life of the American worker. Explores the changing roles of economic forces, technology and politics.	3	PO,	OSU, PSU, UO,

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	HST 225		Hst of Wom, Sex, & The Family	History of Women, Sex, and the Family Examines the role of women, sex and family in the social development of Europe and America from ancient time to present.	3	PO,CG, MH,	OSU, UO,
	HST 240		Oregon's Social History	Studies how people lived throughout different periods of Oregon history, focusing on various social factors and institutions that influence the lives of people in Oregon.	3	PO,CL, MH,	OSU, PSU, UO,
	HST 246		Religion in U.S. to 1840	Religion in the United States to 1840 Studies basic features of native American religions, European backgrounds of Christianity in the United States, development of different religious groups in America and their impact on American life, and trends and development of religion in the United States in the first half of the 19th century.	3	PO,TB, LA,	OSU, PSU, UO,
	HST 247		Religion in U.S. since 1840	Religion in the United States since 1840 Covers basic features of native American religions, European backgrounds of Christianity, development of different religious groups in the United States and their impact on American life.	3	PO,TB,	OSU, PSU, UO,
	HST 270		History of Mexico	Surveys Mexican history from pre-Columbian to modern times. Focus on post contact history: the Spanish conquest, colonial Mexico, independence and its aftermath to contemporary times. Emphasis on social, political and cultural developments and contributions by a diversity of Mexico's peoples.	3	PO,	
	HST 274		Afr-Amer Hst:Afr Origin-1877	African-American History: African Origins to 1877 Offers a factual framework and conceptual foundation to analyze the Black experience from its early origins in Africa and the New World, especially the United States.	3	PO,	OSU, UO,
	HST 275		Afr-Amer Hst: 1877 to 1941	African-American History: 1877 to 1941 Focuses on historical interpretation of events of the Black experience from 1877 to 1941. Examines forces which altered a rich cultural heritage.	3	PO,	OSU, UO,
	HST 276		Afr-Amer Hst: 1941 to Present	African-American History: 1941 to Present Offers a historical perspective of political, economic, social and cultural development of the Black experience in the United States from 1941 to present.	3	PO,	OSU, UO,

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	HST 277		Oregon Trail	Covers predecessors of the route, motivations of the people who used the route, the trail and its variations, life along the trail, and impact of the migration.	3	PO,	OSU, PSU, UO,
	HST 278		Russian History I	Helps to build an historical basis to better understand current issues. The main lines of Russian history will be reviewed: the rise of Kiev to the reign of Catherine the Great. Through historical analyses, a critical understanding will be gained of the cultural, social, political, and economic forces that shaped Russian history from the ninth through the eighteenth centuries.	3	PO,	OSU, PSU, UO,
	HST 279		Russian History II	Helps to build an historical basis from which to better understand current issues. Main lines of Russian history will be reviewed, from the reign of Paul and Alexander I to the present. Through historical analyses, a critical understanding will be gained of the cultural, social, political, and economic forces that shaped Russian history from the late eighteenth century to the present.	3	PO,	OSU, PSU, UO,
	HST 280		CE: History	Cooperative Education: History Offers the chance to extend knowledge of history through work in settings which provide learning experiences supplementing classroom learning. Department permission required.	4	PO,TB, RO,CL,	OSU, PSU, UO,
	HST 285		The Holocaust	The aftermath of World War I and the rise of the Nazis, the historical roots of anti-Semitism, the evolution of the Final Solution and its coordination in Nazi-occupied Europe, the victims of Nazi policies, the camps, the perpetrators, bystanders, resistance, and the Nuremberg trials will be discussed. Videos, documents, and personal accounts will be used to explore interpretations of the Holocaust.	3		
	HST 298		Independent Study: History	Offers individualized study at an advanced level. Emphasizes areas of history not considered in other courses which meet special interests or program requirements. Students complete a term project and readings approved by the instructor. Recommended: Prior study in history. Instructor approval required.	3	PO,UM, LA,	OSU, PSU, UO,
	HST 299		History: Special Studies	Special Studies: History Includes special topics, activities, or projects in an area of history not usually covered in depth in other history courses. Instructor approval may be required. Recommended: Prior study in history.	3	PO,BM, TV,KL,	OSU, PSU, UO,

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HUMANITIES	HUM 100		Intro to Humanities	Introduction to Humanities	3	LA,	PSU, UO,
	HUM 106		British Life and Culture	This class is attached to the Oregon International Education Consortium's London Quarter program in London, England. Consists of guest lecturers, field trips, independent study projects and a daily journal about life in London. Pass/No Pass only.	3	CH,	UO,
	HUM 121		Leadership Training I	Designed to provide a basic understanding of leadership and group dynamics theory and to assist the student in developing a personal philosophy of leadership, an awareness of the moral and ethical responsibilities of leadership, and an awareness of one's own style of leadership.	3		UO,
	HUM 122		Leadership Training II	Designed to provide a basic understanding of leadership and group dynamics theory and to assist the student in developing a personal philosophy of leadership, an awareness of the moral and ethical responsibilities of leadership, and an awareness of one's own style of leadership.	3		UO,
	HUM 125		International Education	Students have the opportunity to become immersed in foreign culture. Focus includes history, geography, art, architecture, religion, philosophy, and unique cultural perspectives. Program guest lecturer's include in-country experts: educators, government officials, archeologists, and artists.	9	PO,	
	HUM 201		Hum & Tech:Exploring Origins	Humanities & Technology: Exploring Origins Introduces concepts and approaches used in study of humanistic disciplines and surveys visions and perspectives that our culture has inherited from literature, philosophy, theology, visual arts, music, history, and mythology of Western and non-Western traditions. Focuses on selected historical periods and themes. Demonstrates quest for knowledge as a synthetic activity, relating various disciplines,	3	PO,	UO,

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	HUM 202		Hum & Tech:Contemporary Issues	Humanities & Technology: Contemporary Issues Offers critical examination of the relationship between people and technology. Uses insights derived from a study of the Humanities in conjunction with those from the Social Sciences to inquire into the appropriate use and possible misuse of technology in contemporary society.	3	MH,PO,	UO,
	HUM 203		Hum & Tech:Future Direction	Humanities & Technology: Future Directions Looks for ways in which technology can be applied in new, socially and ethically responsible forms. Recommended: Courses should be taken sequentially. PREREQ: Students should be writing at the WR 121 level.	3		UO,
	HUM 204		African History	Introduces students to some major themes in the history of the African continent from ancient times to the present. It is the first course in the Humanities sequence on Africa, and provides a wide background for subsequent courses. Prerequisites: ASSET scores of 45 or above in Reading and Writing, or completion of WR 115 with a C or higher.	3	PO,UM,	OSU, PSU, UO,
	HUM 205		African Literature	Introduces written and oral literature of the African continent, from ancient to modern and from many different geographic regions, cultures and religions. Prerequisites: ASSET scores of 45 or above in Reading and Writing or completion of WR 115 with a C or higher.	3	PO,	OSU, PSU, UO,
	HUM 206		African Art	Part of three course series. Introduces a variety of art forms from different time periods and geographic areas of the African Continent. Explores how art is influenced by culture, myth, economics, politics, gender, and region. Ability to understand and participate in class discussions required. Prerequisites: ASSET scores of 45 or above in Reading and Writing or completion of WR 115 with a C or higher..	3	PO,	OSU, PSU, UO,

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	HUM 221		Leadership Through t/Classics	Leadership Through the Classics Provides emerging and existing leaders the opportunity to explore concept of leadership and to develop and improve their leadership skills. Integrates readings from the classics, experiential exercises, films, and contemporary readings on leadership. Recommended: Students should possess sufficient oral skills to fully participate in small group activities. Prerequisites: ASSET scores of 45 or above in Reading and	3	PO,	
	HUM 225		International Education	Gives students an opportunity for in-depth immersion in a foreign culture. Participants will live, work, and study with host families. Academic focus will include first-hand cultural understanding, language study, and lectures from in-country experts in historical, political, and cultural topics.	3		
	HUM 230		Transform Myth Through Time	Transformations of Myth Through Time A chronological overview of the world's mythologies. Through literature, religion, music, and art we see universal ideas expressed in changing forms; from the Paleolithic cave paintings to the legends of King Arthur's court. Noted mythologist Joseph Campbell presents myths from various perspectives in the videotaped lectures. Prerequisites: ASSET scores of 45 or above in Reading and Writing, or completion of WR 115 with a C or higher.	3	PO,	
	HUM 280		CE/ Humanities	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
	HUM 298		Independent Study:	Advanced, individualized study in areas not considered in other courses to meet special interests or program requirements. Complete a term project approved by the instructor. Recommended: prior study, and instructor permission.			
	HUIM 299		Special Studies:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			

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JOURNALISM	J 216		Reporting I	Covers the fundamentals of reporting, including gathering and writing news for newspapers. Emphasizes accuracy, objectivity, clarity of writing and standards required by newspapers. Prerequisite: Placement into WR 121.	3	PO,CH, TV,UM,	OSU, UO,
	J 217		Reporting II	Expands on J 216. Emphasizes advanced reporting and writing skills. J 216 or instructor permission is recommended.	3	PO,CH, TV,UM,	OSU, PSU, UO,
LANGUAGES				AMERICAN SIGN LANGUAGE			
		ASL 101	1st Yr Amer Sign Language I	First Year American Sign Language I Emphasizes active conversational competence in ASL. Includes visual readiness skills, vocabulary, culture and grammar used for meeting communication needs. For beginners. Proficiency target level: Novice high.	3	BM,MH, CL,OC	
		ASL 102	1st Yr Amer Sign Language II	First Year American Sign Language II Continues work of ASL 101. Emphasizes active communication in ASL. Proficiency target level: Intermediate low. Sign Language Proficiency Interview may be required by department. Prerequisite: ASL 101.	3	BM,CL, CH,MH, OC,	
		ASL 103	1st Yr Amer Sign Language III	First Year American Sign Language III Continues work of ASL 102. Emphasizes active communication in ASL. Proficiency target level: Intermediate mid. Sign Language Proficiency Interview may be required by department. Prerequisite: ASL 102.	3	BM,CL, CH,MH, OC,	
		ASL 130	Deaf Studies	Introduces two perspectives of Deaf community, past and current perspectives on education, services, employment, legislation, signers vs interpreters, signaling devices, terminology, communication system and attitudes toward language.	3		
		ASL 150	Accel American Sign Language	Accelerated American Sign Language For beginners. Covers the material of ASL 101 and half of ASL 102 in an accelerated format. Emphasizes active conversational competence in ASL. Including visual readiness skills, vocabulary, culture and grammar used for meeting communication needs. Recommended to the highly motivated student. Proficiency target level: Intermediate low.	4		
		ASL 151	Accel American Sign Language	Accelerated American Sign Language Covers the material of half of ASL 102 and ASL 103 in an accelerated format. Emphasizes active communication in ASL. Proficiency target level: Intermediate mid. Sign Language Proficiency Interview may be required by the department. Prerequisite: ASL 102 or ASL 150.	5		

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		ASL 201	2nd Yr Amer Sign Language IV	Second Year American Sign Language IV Continues work of first year ASL, reviewing, expanding, and perfecting expressive skill, structure, and vocabulary for the purpose of active communication. Emphasizes active communication in ASL. Proficiency target level: Intermediate mid. Sign Language Proficiency Interview may be required by department. Prerequisite: ASL 103.	3		
		ASL 202	2nd Yr Amer Sign Language V	Second Year American Sign Language V Continues work of ASL 201. Emphasizes active communication in ASL. Increased emphasis on exploring, analyzing the rules and presenting ASL stories and literature. Proficiency target level: Intermediate mid. Sign Language Proficiency Interview may be required by the department. Prerequisite: ASL 201.	3		
		ASL 203	2nd Yr Amer Sign Language VI	Second Year American Sign Language VI Continues work of ASL 202. Emphasizes active communication in ASL. Increased emphasis on exploring, analyzing the rules, discussing, developing and presenting ASL literature and poetry. Proficiency target level: Intermediate high. Sign Language Proficiency Interview may be required by department. Prerequisite: ASL 202.	3		
		ASL 250	Accel American Sign Language	Accelerated American Sign Language Covers the material of ASL 201 and half of ASL 202 in an accelerated format. Emphasizes active communication in ASL. Increased emphasis on exploring, analyzing the rules, discussing, developing and presenting ASL literature and poetry. Proficiency target level: Intermediate mid. Sign Language Proficiency Interview may be required by the department. Prerequisite: ASL 103 or ASL 151.	4		
		ASL 251	Accel American Sign Language	Accelerated American Sign Language Covers the material of half of ASL 202 and ASL 203 in an accelerated format. Emphasizes active communication in ASL. Continues emphasis on the ASL literature, poetry and other topics. Proficiency target level: Intermediate high. A Sign Language Proficiency Interview may be required by the department. Prerequisite: ASL 202 or ASL 250.	5		
		ASL 280	CE/ Amer. Sign Lang.	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
		ASL 299	Special Topics:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.	3		

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
LANGUAGES				ENGLISH AS A NON-NATIVE LANGUAGE			
		ENL 150	Intermediate Reading	Content comprehension, textual analysis, critical thinking skills, study skills, and language analysis. Readings from textbooks and literature. Includes use of the dictionary, finding main ideas, summarizing, inferencing, using context clues, review of pre reading techniques. Study of word forms, common affixes, synonyms and antonyms. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 152 and 154 or higher.	5	PO,UM,	OSU, PSU,UO,
		ENL 152	Intermediate Writing	Introduction to the writing process. Descriptive, narrative, and process paragraphs; introduction to comparison/contrast. Review of basic grammar, (including present simple and continuous, past simple and continuous, and future tenses) sentence patterns, capitalization, punctuation, spelling patterns; introduction to present perfect, adverb clauses of time. PREREQ: ENNL placement test or instructor permission;	5	PO,UM,	OSU, PSU,UO,
		ENL 154	Intermediate Speaking	Identification and production of English consonants and vowels; common sound substitutions; basic stress and intonation. Listening comprehension, discussion, and conversation skills. Public speeches of 2-3 minutes, with written outlines; impromptu speeches. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 150 and 152 or higher.	5	PO,	OSU, PSU,UO,
		ENL 155	Intermediate Speaking		2		
		ENL 156	Intermediate Pronunciation	Identification of English consonants and vowels; common sound substitutions; basic stress and intonation. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 150, 152, and 154 or higher.	3		PSU,UO,
		ENL 158	Intermediate Vocabulary Build	Intermediate Vocabulary Building Emphasis on word analysis, specialized vocabulary, and dictionary skill building. Basic sight words, homophones, synonyms, antonyms; government terminology, measurement terms, basic math terms. Study of syllabication, pronunciation symbols, and alphabetization. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 150, 152, and 154 or higher.	3		PSU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		ENL 160	Upper Intermediate Reading	Content comprehension, textual analysis, critical thinking skills, study skills, and language analysis. Readings from textbooks, literature, and newspapers. Includes finding themes and main ideas, summarizing, paraphrasing, inferencing, using context clues, review of pre reading techniques. Study of word forms and common affixes. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 152 and 154 or higher.	5	PO,	OSU, PSU,UO,
		ENL 162	Upper Intermediate Writing	Review of the writing process and introduction to the essay. Descriptive, narrative, process, and comparison/contrast paragraphs and essays; introduction to cause/effect. Review of verb tenses, sentence types, punctuation, and spelling patterns. Introduction to adverb and adjective clauses, reported speech, passive voice, and gerunds and infinitives. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 150 and 154 or higher.	5	PO,CG,	OSU, PSU,UO,
		ENL 164	Upper Intermediate Speaking	Review of English consonants and vowels, consonant clusters, past and plural endings; common sound substitutions; intonation, phrasing, and reduced stress. Listening comprehension, discussion, and conversation skills. Public speeches of 3-5 minutes, with written outlines; impromptu speeches. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 150 and 152 or higher.	5	PO,	OSU, PSU,UO,
		ENL 165	Upper Intermediate Speaking		2		
		ENL 166	Upper Inter Pronunciation	Upper Intermediate Pronunciation Review of English consonants and vowels, consonant clusters, past and plural endings; common sound substitutions; intonation, phrasing, and reduced stress. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 150, 152, and 164 or higher.	3	PO,	PSU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		ENL 168	Upper Inter Vocabulary Bldg	Upper Intermediate Vocabulary Building Emphasis on word analysis, specialized vocabulary, and dictionary skill building. Two-word verbs, compound words, stems and affixes, social science terminology, words shortened by common usage, grammatical terms, and test-taking vocabulary included. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 150, 152, and 154 or higher.	3	PO,	OSU, PSU,U O,
		ENL 250	Advanced Reading	Content comprehension, textual analysis, critical thinking skills, study skills, and language analysis. Readings from textbooks, short stories and/or a short novel, newspapers, and popular magazines. Includes finding themes and main ideas, summarizing, paraphrasing, inferencing, using context clues, review of pre reading techniques. Study of word forms, common affixes and stems, figurative language.	5	PO,	OSU, PSU,U O,
		ENL 252	Advanced Writing	Review of the writing process. Descriptive, narrative, and expository essays (e.g. cause/effect, problem/solution, classification). Review of verb tenses, passive voice, and complex sentences. Introduction to conditional clauses, noun clauses as subjects and objects, and reduced clauses. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 160 and 164 or higher.	5	PO,	OSU, PSU,U O,
		ENL 253	Adv Supplementary Writing	Advanced Supplementary Writing Emphasizes the refinement and development of conscious control of English sentence and paragraph structure as well as the correction of persistent errors in writing. ENL 253 provides a bridge course between ENL 252 and ENL 262 or between ENL 262 and WR 115.	3	PO,	
		ENL 254	Advanced Speaking	Review of English consonants and vowels, final consonants, past and plural endings; common sound substitutions; intonation, phrasing, and stress changes. Discussion and listening comprehension, including lecture/note-taking. Public speeches, including persuasion, of 4-5 minutes, with written outlines; impromptu speeches. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 160 and 162 or higher.	5	PO,	OSU, PSU,U O,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		ENL 255	Advanced Speaking	Discussion and listening comprehension, including lecture/note-taking. Public speeches, including persuasion, of 4-5 minutes, with written outlines; impromptu speeches. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 160 and 162 or higher.	3	PO,	OSU, PSU,UO,
		ENL 256	Advanced Pronunciation	Review of English consonants and vowels, final consonants, past and plural endings; common sound substitutions; intonation, phrasing, and stress changes. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 160, 162, and 254 or higher.	3	PO,	PSU,UO,
		ENL 257	Advanced Pronunciation	Review of English consonants and vowels, final consonants, past and plural endings; common sound substitutions; intonation, phrasing, and stress changes. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 160, 162, and 255 or higher.	2	PO,	OSU, PSU,UO,
		ENL 258	Advanced Vocabulary Building	Emphasis on word analysis, specialized vocabulary, and dictionary skill building. Homographs, synonyms, antonyms, analogies; advanced math, science, and social science vocabulary, and word origins are presented. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 160, 162, and 164 or higher.	3	PO,	OSU, PSU,UO,
		ENL 259	Advanced Vocabulary Building	Designed to improve students' collegiate vocabulary skills. Focuses on word analysis and dictionary skill building as well as vocabulary acquisition and application in a variety of contexts related to the student and society.	2		
		ENL 260	Upper Advanced Reading	Content comprehension, textual analysis, critical thinking skills, study skills, and language analysis. Readings from textbooks, short stories and/or a novel, newspapers, and popular magazines. Includes finding themes and main ideas, summarizing, paraphrasing, inferencing, evaluation of sources and analysis of arguments. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 252 and 254/255 or higher.	5	PO,	OSU, PSU,UO,
		ENL 262	Upper Advanced Writing	Review of the writing process. Descriptive, and expository essays (e.g. cause/effect, problem/solution, classification). Introduction to argument and principles of research. General review of English grammar, punctuation, and sentence structure. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 250 and 254/255 or higher.	5	PO,	OSU, PSU,UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		ENL 264	Upper Advanced Speaking	Review of English consonants and vowels: emphasis is on correcting persistent sound problems caused by omissions, substitutions, and additions. Review of intonation, phrasing, and stress patterns. Discussion and listening comprehension, including lecture/note-taking. Public speeches, including persuasion, of five minutes, with written outlines; impromptu speeches. PREREQ: ENNL test or instructor permission; concurrent placement in ENL 250 and 252 or higher.	5	PO,	OSU, PSU,U O,
		ENL 265	Upper Advanced Speaking	Discussion and listening comprehension, including lecture/note-taking. Public speeches, including persuasion, of five minutes, with written outlines; impromptu speeches. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 250 and 252 or higher.	3	PO,	OSU, PSU,U O,
		ENL 266	Upper Advanced Pronunciation	Review of English consonants and vowels: emphasis is on correcting persistent sound problems caused by omissions, substitutions, and additions. Review of intonation, phrasing, and stress patterns. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 250, 252, and 264 or higher.	3		PSU,U O,
		ENL 267	Upper Advanced Pronunciation	Review of English consonants and vowels: emphasis is on correcting persistent sound problems caused by omissions, substitutions, and additions. Review of intonation, phrasing, and stress patterns. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 250, 252, and 265 or higher.	2	PO,	OSU, PSU,U O,
		ENL 268	Upper Adv Vocabulary Building	Upper Advanced Vocabulary Building Emphasis on word analysis, specialized vocabulary, and dictionary skill building. Acronyms, foreign words and phrases, literary vocabulary, and stems and affixes are included. PREREQ: ENNL placement test or instructor permission; concurrent placement in ENL 250, 252, and 254 or higher.	3	PO,	OSU, PSU,U O,
		ENL 272	Advanced Supplementary Writing	Review of the writing process. Descriptive and expository essays (e.g. cause/effect, classification, argument). Emphasizes refinement and conscious control of English sentence structure; correction of persistent personal errors in writing. PREREQ: ENL 262 and instructor permission; concurrent placement in ENL 260 and 264/265 or higher.	5	PO,	OSU, PSU,U O,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
LANGUAGES				CHINESE			
		CHN 101	First Year Chinese 1	This first year class introduces the Chinese language through pronunciation, reading, and character writing and includes an introduction to Chinese culture. Offered at irregular intervals. Prerequisites: CHN 101:	3	MH	
		CHN102	First Year Chinese II	This first year class introduces the Chinese language through pronunciation, reading, and character writing and includes an introduction to Chinese culture. Offered at irregular intervals. Prerequisites: CHN 101	3	MH	
		CHN103	First Year Chinese III	This first year class introduces the Chinese language through pronunciation, reading, and character writing and includes an introduction to Chinese culture. Offered at irregular intervals. Prerequisites: CHN 101	3	MH	
		CHN111	Beginning Chinese Conversation I	This beginning conversation class introduces the Chinese language and culture through oral communication and includes practice in idiomatic usage and vocabulary. Not to be taken out of sequence. Offered at irregular intervals.	3	MH	
		CHN112	Beginning Chinese Conversation II	This beginning conversation class introduces the Chinese language and culture through oral communication and includes practice in idiomatic usage and vocabulary. Not to be taken out of sequence. Offered at irregular intervals.	3	MH	
		CHN113	Beginning Chinese Conversation III	This beginning conversation class introduces the Chinese language and culture through oral communication and includes practice in idiomatic usage and vocabulary. Not to be taken out of sequence. Offered at irregular intervals.		MH	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
LANGUAGES				FRENCE			
		FR 101	First Year French	Introduction to French stressing the development of listening, speaking, reading, writing, and cultural awareness through a communicative approach. Primary emphasis on the student's active use of the language. Proficiency target level: Novice high. For beginners.	4	PO,CE,CH, BM, CL,TV, UM,LA,LB, MH,OC,RO	OSU, PSU, UO,
		FR 102	First Year French	Continues work of FR 101, further developing all skills. Primary emphasis on the student's active use of the language. Proficiency target level: Intermediate low. Recommended: Completion of: FR 101 or FR 150, or instructor permission.	4	PO,CE,CH, BM, CL,TV, UM,LA,LB, MH, RO,	OSU, PSU, UO,
		FR 103	First Year French	Continues the work of FR 102, further developing all skills. Primary emphasis on the student's active use of the language. Proficiency target level: Intermediate mid. Recommended: Completion of: FR 102 or instructor permission.	4	PO,CE,CH, BM, CL,TV, UM,LA, LB,MH, RA,	OSU, PSU, UO,
		FR 111	First Year French Conversation	Practice of structures and vocabulary of first year French in a conversational format. Recommended: Completion of or simultaneous enrollment in FR 101 or FR 150 or instructor permission.	3	PO,CL, MH,RO,	OSU, PSU, UO,
		FR 112	First Year French Conversation	Practice of structures and vocabulary of first year French in a conversational format. Recommended: Completion of or simultaneous enrollment in FR 102 or FR 151 or instructor permission.	3	PO,	OSU, PSU, UO,
		FR 113	First Year French Conversation	Practice of structures and vocabulary of first year French in a conversational format. Recommended: Completion of or simultaneous enrollment in FR 103 or FR 151 or instructor permission.	3	PO,	OSU, PSU, UO,
		FR 150	First Year French	For beginners. Introduction to French stressing the development of listening, speaking, reading, writing, and cultural awareness through a communicative approach. Primary emphasis on the student's active use of the language. Proficiency target level: Novice high to intermediate low.	6	PO,CH, LA,	OSU, PSU, UO,
		FR 151	First Year French	Continues the work of FR 150, further developing all skills. Primary emphasis on the student's active use of the language. Also provides a review before entering second year French. Proficiency target level: Intermediate mid. Recommended: Completion of FR 102 or FR 150 or instructor permission.	6	PO,CH, LA,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		FR 201	Second Year French	Continues the work of first year French, reviewing, expanding, and perfecting listening, speaking, reading, writing, and cultural awareness through a communicative approach. Primary emphasis on the student's active use of the language. Proficiency target level: Intermediate mid. Recommended: Completion of first year French at the college level or the equivalent.	4	PO,CE, CH,BM, CL,UM, LA, MH,	OSU, PSU, UO,
		FR 202	Second Year French	Continues the work of FR 201, further developing and perfecting all skills. Primary emphasis on the student's active use of the language. Proficiency target level: Intermediate mid to high. Recommended: Completion of FR 201 or FR 250 or instructor permission.	4	PO,CE, CH,BM, CL,UM, CE,	OSU, PSU, UO,
		FR 203	Second Year French	Continues the work of FR 202, further developing and perfecting all skills. Primary emphasis on the student's active use of the language. Proficiency target level: Intermediate high. Recommended: Completion of FR 202 or instructor permission.	4	PO,CE, CH,CL, BM,UM,	OSU, PSU, UO,
		FR 211	Inter French Conversation	Intermediate French Conversation Stresses conversational skills at the second year level. Recommended: Completion of or simultaneous enrollment in FR 201, or instructor permission.	3	PO,CE, BM,UM,	OSU, PSU, UO,
		FR 212	Inter French Conversation	Intermediate French Conversation Continuation of FR 211A. Recommended: Completion of or simultaneous enrollment in FR 202, or instructor permission.	3	PO,CE, BM,	OSU, PSU, UO,
		FR 213	Inter French Conversation	Intermediate French Conversation Continuation of FR 212A. Recommended: Completion of or simultaneous enrollment in FR 203 or instructor permission.	3	PO,CE, BM,	OSU, PSU, UO,
		FR 250	Second Year French	Continues the work of first year French, reviewing, expanding, and perfecting listening, speaking, reading, writing, and cultural awareness through a communicative approach. Primary emphasis on the student's active use of the language. Proficiency target level: Intermediate mid to high. Recommended: Completion of first year French at the college level or the equivalent.	6	PO,	OSU, PSU, UO,
		FR 251	Second Year French	Continues the work of FR 250, further developing and perfecting all skills. Primary emphasis on the student's active use of the language. Proficiency target level: Intermediate high. Recommended: Completion of FR 250 or FR 202 or instructor permission.	6	PO,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		FR 255	Accelerated French	For beginners. Covers the material of FR 101 and FR 102 in an accelerated format. Stresses the development of listening, speaking, reading, writing, and cultural awareness through a communicative approach. Primary emphasis on the student's active use of the language. Recommended to the highly motivated student. Proficiency target level: Intermediate low.	8	PO,	OSU, PSU, UO,
		FR 256	Accelerated French	Covers the material of FR 103 and FR 201 in an accelerated format. Continues the work of FR 255, further developing all skills. Primary emphasis on the student's active use of the language. Proficiency target level: Intermediate mid. Recommended: Completion of FR 102 or FR 255 or instructor permission.	8	PO,	OSU, PSU, UO,
		FR 257	Accelerated French	Covers the material of FR 202 and FR 203 in an accelerated format. Continues the work of FR 256, further developing all skills. Primary emphasis on the student's active use of the language. Proficiency target level: Intermediate high. Recommended: Completion of FR 201 or FR 256 or instructor permission.	8	PO,	OSU, PSU, UO,
		FR 260	French Culture	Studies and discusses contemporary thought and life of the French speaking world. Recommended: Completion of one term of second year French at the college level or instructor permission.	3	PO,	OSU, PSU, UO,
		FR 261	French Culture	Continuation of FR 260A. Recommended: Completion of two terms of second year French at the college level or instructor permission.	3	PO,	OSU, PSU, UO,
		FR 262	French Culture	Continuation of FR 261A. Recommended: Completion of second year French at the college level or instructor permission.	3	PO,	OSU, PSU, UO,
		FR 270	Readings in French Literature	Emphasizes skills for reading in French. Reading and discussion of accessible works of French prose and poetry. Recommended: Completion of second year French at the college level, simultaneous enrollment in FR 203, 251 or 257, or instructor permission.	3	PO,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		FR 271	Read in Fr Lit (Afri & Carib)	Readings in French Literature (African & Caribbean) Emphasizes skills for reading in French. Reading and discussion of accessible works of French prose and poetry written by African and Caribbean writers. Fulfills diversity requirement for AAOT degree. Recommended: Completion of second year French at the college level, simultaneous enrollment in FR 203, 251, or 257, or instructor permission.	3	PO,	OSU, PSU, UO,
		FR 272	Readings in Fr Lit (Women Wr)	Readings in French Literature (Women Writers) Emphasizes skills for reading in French. Reading and discussion of accessible works of French prose and poetry written by women. Fulfills diversity requirement for AAOT degree. Recommended: Completion of second year French at the college level, simultaneous enrollment in FR 203, 251, or 257, or instructor permission.	3	PO,	OSU, PSU, UO,
		FR 280	CE/ French	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
		FR 290	French Speaking and Writing	Expands and perfects skills learned in second year French. Emphasizes speaking and writing, but students also practice listening and reading. Recommended: Successful completion of second year French at the college level or instructor permission.	3	PO,	OSU, PSU, UO,
		FR 291	French Composition	Practice in developing composition skills. Recommended: Instructor permission.	3	PO,	OSU, PSU, UO,
		FR 292	French Composition	Continuation of FR 291A. Recommended: Instructor permission.	3	PO,	OSU, PSU, UO,
		FR 298	Independent Study:	Advanced, individualized study in areas not considered in other courses to meet special interests or program requirements. Complete a term project approved by the instructor. Recommended: prior study, and instructor permission.			
		FR299	Special Studies:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
LANGUAGES				GERMAN			
		GER 101	First Year German	Emphasizes active communication in German which includes listening, speaking, reading, writing, pronunciation, structure, vocabulary and culture. Proficiency target level: Novice high.	5	PO,CH, BM,TV, UM,CE, CT,	OSU, PSU, UO,
		GER 102	First Year German	Continues the work of GER 101. Emphasis on active communication in German. Proficiency target level: Intermediate low. Recommended: Completion of GER 101, or 150, or instructor permission.	5	PO,CH, BM,TV, UM,CE, CT,	OSU, PSU, UO,
		GER 103	First Year German	Continues the work of GER 102. Emphasizes active communication in German. Proficiency target level: Intermediate mid. Recommended: Completion of GER 102, or instructor permission.	5	PO,CH, BM,TV, UM,CL, MH,LB,	OSU, PSU, UO,
		GER 111	First Year German Conversation	Practice of structures and vocabulary of first year German in a conversational format. Recommended: Completion of or simultaneous enrollment in GER 101 or GER 150 or instructor permission.	3	PO,	OSU, PSU, UO,
		GER 112	First Year German Conversation	Practice of structures and vocabulary of first year German in a conversational format. Recommended: Completion of or simultaneous enrollment in GER 102 or GER 151 or instructor permission.	3	PO,	OSU, PSU, UO,
		GER 113	First Year German Conversation	Practice of structures and vocabulary of first year German in a conversational format. Recommended: Completion of or simultaneous enrollment in GER 103 or GER 151 or instructor permission.	3	PO,	OSU, PSU, UO,
		GER 150	First Year German	For beginners. Emphasizes active communication in German. Includes listening, speaking, reading, writing, pronunciation, structure, vocabulary and culture. Proficiency target level: Novice high to intermediate low.	6	PO,	OSU, PSU, UO,
		GER 151	First Year German	Continues the work of GER 150. Further emphasis on active communication in German. Also provides review for students entering second year. Proficiency target level: Intermediate mid. Recommended: Completion of GER 150 or instructor permission.	6	PO,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		GER 201	Second Year German	Continues work of first year German, reviewing, expanding, and perfecting pronunciation, structure, and vocabulary for the purpose of active communication. Proficiency target level: Intermediate mid. Recommended: Completion of first year German at the college level or instructor permission.	4	PO,BM, TV,UM, SW,CL, MH,	OSU, PSU, UO,
		GER 202	Second Year German	Continuation of GER 201. Emphasizes active communication in German with additional practice in reading and writing. Proficiency target level: Intermediate mid to high. Recommended: Completion of GER 201, 250, or instructor permission.	4	PO,BM, TV,UM, CL,MH,	OSU, PSU, UO,
		GER 203	Second Year German	Continuation of GER 202. Emphasizes active communication in German with additional practice in reading and writing. Proficiency target level: Intermediate high. Recommended: Completion of GER 202 or instructor permission.	4	PO,BM, TV,UM, CL,MH,	OSU, PSU, UO,
		GER 211	Inter German Conversation	Intermediate German Conversation Stresses conversational skills at the second year level. Recommended: Completion of one year of college level German, simultaneous enrollment in GER 201, or instructor permission.	3	PO,	OSU, PSU, UO,
		GER 212	Inter German Conversation	Intermediate German Conversation Stresses conversational skills at the second year level. Continues the work of GER 211A. Recommended: Completion of or simultaneous enrollment in GER 202 or instructor permission.	3	PO,	OSU, PSU, UO,
		GER 213	Inter German Conversation	Intermediate German Conversation Stresses conversational skills at the second year level. Continues the work of GER 212A. Recommended: Completion of or simultaneous enrollment in GER 203 or instructor permission.	3	PO,	OSU, PSU, UO,
		GER 250	Second Year German	Continues the work of first year German, reviewing, expanding, and perfecting pronunciation, structure, and vocabulary for the purpose of active communication. Includes practice in reading and writing. Recommended prerequisite: Completion of first year German at the college level or instructor permission.	6	PO,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		GER 251	Second Year German	Continuation of GER 250. Emphasizes active communication in German with additional practice in reading and writing. Recommended: Completion of GER 202, 250, or instructor permission.	6	PO,	OSU, PSU, UO,
		GER 255	Accelerated German	For beginners. Covers material of GER 101 and GER 102 in an accelerated format. Listening, speaking, reading, writing, pronunciation, structure, vocabulary and culture are stressed. Emphasizes active communication in German. This class is recommended to the highly-motivated student. Proficiency target level: Intermediate low.	8	PO,	OSU, PSU, UO,
		GER 256	Accelerated German	Covers materials of GER 103 and GER 201 in an accelerated format. Emphasizes active communication in German. Additional practice with reading and writing skills. Proficiency target level: Intermediate mid. Recommended: GER 102 or GER 255 or instructor permission.	8	PO,	OSU, PSU, UO,
		GER 257	Accelerated German	Covers materials of GER 202 and GER 203 in an accelerated format. Emphasis remains on active communication in German with additional practice in reading and writing skills. Proficiency target level: Intermediate high. Recommended: GER 201 or GER 256 or instructor permission.	8	PO,	OSU, PSU, UO,
		GER 260	German Culture	Studies and discusses contemporary thought and life of the German-speaking world in a conversational format. Recommended: Completion of one year of German at the college level or instructor permission.	3	PO,	OSU, PSU, UO,
		GER 261	German Culture	Continuation of GER 260. Recommended: GER 260 or instructor permission.	3	PO,	OSU, PSU, UO,
		GER 262	German Culture	Continuation of GER 261. Recommended: GER 261 or instructor permission.	3	PO,	OSU, PSU, UO,
		GER 270	Readings in German Literature	Students read and discuss literary works of German prose and poetry. Skills for reading in German are also emphasized. Conducted in German. Recommended: Second year German at the college level, simultaneous enrollment in GER 203, 251 or 257 or instructor permission.	3	PO,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		GER 271	Readings in German Literature	Continuation of GER 270. Recommended: GER 270 or instructor permission.	3	PO,	OSU, PSU, UO,
		GER 272	Readings in German Literature	Continuation of GER 271. Recommended: GER 271 or instructor permission.	3	PO,	OSU, PSU, UO,
		GER 280	CE/ German	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
		GER 290	German Composition	Practice in developing composition skills. Conducted in German. Recommended: Instructor permission and completion of second year college German with grades of A or B or native or near native ability in German.	3	PO,	OSU, PSU, UO,
		GER 291	German Composition	Continuation of GER 290. Instructor permission required.	3	PO,	OSU, PSU, UO,
		GER 292	German Composition	Continuation of GER 291. Instructor permission required.	3	PO,	OSU, PSU, UO,
		GER 298	Independent Study:	Advanced, individualized study in areas not considered in other courses to meet special interests or program requirements. Complete a term project approved by the instructor. Recommended: prior study, and instructor permission.			
		GER299	Special Studies:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
LANGUAGES				JAPANESE			
		JPN 101	First Year Japanese	Emphasizes the spoken language of Japanese. Skills of listening, speaking, reading, and writing are developed with emphasis on active use of these skills. Hiragana and Katakana syllabifies are introduced. Information is offered to help gain cultural awareness and appreciation. For beginners.	5	PO,CH, TV,CL, MH,	OSU, PSU, UO,
		JPN 102	First Year Japanese	Expands communicative use of Japanese and cultural awareness. Practice of Hiragana and Katakana syllabifies continued. Kanji characters are introduced. Communicative proficiency is the main objective of the sequence. Recommended: Completion of JPN 101 or instructor permission.	5	PO,CH, TV,MH, CL,	OSU, PSU, UO,
		JPN 103	First Year Japanese	Expands further the communicative use of Japanese and cultural awareness. The practice of Hiragana and Katakana syllabifies, and Kanji characters are continued. Communicative proficiency is the main objective of the sequence. Recommended: Completion of JPN 102 or two and a half to three years high school Japanese.	5	PO,CH, TV,MH, CL,	OSU, PSU, UO,
		JPN 111	First Yr Japanese Conversation	First Year Japanese Conversation Offers a review of and additional practice with structures and vocabulary presented in JPN 101. For beginners.	3	PO,LB,	OSU, PSU, UO,
		JPN 112	First Yr Japanese Conversation	First Year Japanese Conversation Offers a review of and additional practice with structures and vocabulary presented in JPN 102. Recommended: Completion of JPN 101 or instructor permission.	3	PO,LB,	OSU, PSU, UO,
		JPN 113	First Yr Japanese Conversation	First Year Japanese Conversation Offers a review of and additional practice with structures and vocabulary presented in JPN 103. Recommended: Completion of JPN 102 or instructor permission.	3	PO,LB,	OSU, PSU, UO,
		JPN 150	First Year Japanese	Emphasizes the spoken language of Japanese. Skills of listening, speaking, reading, and writing are developed with emphasis on active use of these skills. Hiragana and Katakana syllabifies are introduced. Offers to enhance cultural awareness and appreciation. For beginners. Recommended: Concurrent enrollment in JPN 111B.	6	PO,	OSU, PSU, UO,
		JPN 151	First Year Japanese	Continuation of JPN 150. Expands the communicative use of Japanese and cultural awareness. Practice of Hiragana and Katakana syllabifies are continued. Kanji characters are introduced. Recommended: Completion of JPN 150 or instructor permission and concurrent enrollment in JPN 112B.	6	PO,	OSU, PSU, UO,
		JPN 201	Second Year Japanese	Development of the four skills of listening, speaking, reading, and writing is continued. Kanji characters are further explored. Offers to expand cultural awareness and appreciation. Recommended: Completion of first year Japanese at the college level, or three years high school Japanese, or instructor permission.	5	PO,TV,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		JPN 202	Second Year Japanese	Continues work begun in JPN 201, expanding the communicative use of Japanese and cultural awareness. Study of Kanji characters is further explored. Recommended: Completion of JPN 201 or instructor permission.	5	PO,TV,	OSU, PSU, UO,
		JPN 203	Second Year Japanese	Continues work begun in JPN 201 and 202, expanding further the communicative use of Japanese and cultural awareness. Kanji characters are further explored. Recommended: Completion of JPN 202 or instructor permission.	5	PO,TV,	OSU, PSU, UO,
		JPN 211	Inter Japanese Conversation	Intermediate Japanese Conversation Offers a review of and additional practice with structures and vocabulary presented in JPN 201. Recommended: Completion of first year Japanese at the college level, or three years of high school Japanese, or instructor permission.	3	PO,	OSU, PSU, UO,
		JPN 212	Inter Japanese Conversation	Intermediate Japanese Conversation Offers a review of and additional practice with structures and vocabulary presented in JPN 202. Recommended: Completion of JPN 201 or instructor permission.	3	PO,	OSU, PSU, UO,
		JPN 213	Inter Japanese Conversation	Intermediate Japanese Conversation Offers a review of and additional practice with structures and vocabulary presented in JPN 203. Recommended: Completion of JPN 202 or instructor permission.	3	PO,	OSU, PSU, UO,
		JPN 250	Second Year Japanese	Emphasizes the spoken language of Japanese. Skills of listening, speaking, reading, and writing are continued. Kanji characters are further explored. Offers to expand cultural awareness and appreciation. Recommended: Completion of first year Japanese at the college level or three years of Japanese in high school or instructor permission or concurrent enrollment in JPN 211B.	6	PO,	OSU, PSU, UO,
		JPN 251	Second Year Japanese	Continues work begun in JPN 250, expanding the communicative use of Japanese and cultural awareness. Kanji characters are further explored. Recommended: Completion of JPN 250 or equivalent, or concurrent enrollment in JPN 212B.	6	PO,	OSU, PSU, UO,
		JPN 260	Japanese Culture	Provides intermediate level students of Japanese with opportunity to increase skills in listening, reading, speaking and vocabulary usage and to gain cultural awareness. Recommended: Completion of JPN 203, JPN 251, or instructor permission or concurrent enrollment in JPN 201.	3	PO,	OSU, PSU, UO,
		JPN 261	Japanese Culture	Provides intermediate level students of Japanese with opportunity to increase skills in listening, reading, speaking and vocabulary usage and to gain cultural awareness. Recommended: Completion of JPN 203, JPN 251, or instructor permission or concurrent enrollment in JPN 202.	3	PO,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		JPN 262	Japanese Culture	Provides intermediate level students of Japanese with opportunity to increase skills in listening, reading, speaking and vocabulary usage and gain cultural awareness. Recommended: Completion of JPN 203, JPN 251, or instructor permission or concurrent enrollment in JPN 203.	3	PO,	OSU, PSU, UO,
		JPN 270	Reading in Japanese Literature	Emphasizes Japanese reading skills. Reading and discussion of accessible works of Japanese prose and poetry. Prerequisite: Second year Japanese at the college level or equivalent, or instructor permission.	3		UO,
		JPN 271	Reading in Japanese Literature	Emphasizes Japanese reading skills. Reading and discussion of accessible works of Japanese prose and poetry. Prerequisite: Second year Japanese at the college level or equivalent, or instructor permission.	3		UO,
		JPN 272	Reading in Japanese Literature	Emphasizes Japanese reading skills. Reading and discussion of accessible works of Japanese prose and poetry. Prerequisite: Second year Japanese at the college level or equivalent, or instructor permission.	3		UO,
		JPN 280	CE/ Japanese	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
		JPN 290	Japanese Composition	Practice in developing composition skills. Prerequisite: Second year Japanese at the college level or equivalent AND instructor permission.	3		UO,
		JPN 291	Japanese Composition	Practice in developing composition skills. Prerequisite: Second year Japanese at the college level or equivalent AND instructor permission.	3		UO,
		JPN 292	Japanese Composition	Practice in developing composition skills. Prerequisite: Second year Japanese at the college level or equivalent AND instructor permission.	3		UO,
		JPN 298	Independent Study:	Advanced, individualized study in areas not considered in other courses to meet special interests or program requirements. Complete a term project approved by the instructor. Recommended: prior study, and instructor permission.			
		JPN 299	Special Studies:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
LANGUAGES				RUSSIAN			
		RUS 101	First Year Russian	Emphasizes active communication in beginning Russian. Includes listening, speaking, reading, writing, pronunciation, structure, vocabulary and culture. For beginners.	5	PO,CH,	OSU, PSU, UO,
		RUS 102	First Year Russian	Continues the work of RUS 101. Emphasizes active communication in Russian. Includes listening, speaking, reading, writing, pronunciation, structure, vocabulary, and culture. Recommended: Completion of RUS 101 or instructor permission.	5	PO,CH,	OSU, PSU, UO,
		RUS 103	First Year Russian	Continues the work of RUS 102. Emphasizes active communication in Russian. Includes listening, speaking, reading, writing, pronunciation, structure, vocabulary and culture. Recommended: Completion of RUS 102 or instructor permission.	5	PO,CH,	OSU, PSU, UO,
		RUS 111	First Yr Russian Conversation	First Year Russian Conversation Continues to practice structures and vocabulary presented in RUS 101 in a conversational format.	3	PO,	OSU, PSU, UO,
		RUS 112	First Yr Russian Conversation	First Year Russian Conversation Continues to practice structures and vocabulary presented in RUS 102 in a conversational format.	3	PO,	OSU, PSU, UO,
		RUS 113	First Yr Russian Conversation	First Year Russian Conversation Review of structures and vocabulary presented in RUS 103 or RUS 151 and introduction of new grammar material. Special emphasis on conversational skills. Recommended: Completion of RUS 102, 151, or instructor permission.	3	PO,	OSU, PSU, UO,
		RUS 150	First Year Russian	For beginners. Emphasizes active communication in beginning Russian. Includes listening, speaking, reading, writing, pronunciation, structure, vocabulary and culture. Recommended: Enrollment in RUS 111C when offered.	6	PO,	OSU, PSU, UO,
		RUS 151	First Year Russian	Continues the work of RUS 150. Emphasizes active communication in Russian. Includes listening, speaking, reading, writing, pronunciation, structure, vocabulary and culture. Recommended: Completion of RUS 150 or instructor permission. Recommended enrollment in RUS 111C when offered.	6	PO,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		RUS 201	Second Year Russian	Continues the work of first year Russian, reviewing, expanding, and perfecting pronunciation, structure, and vocabulary for the purpose of active communication. Includes practice in reading and writing. Recommended: Completion of first year Russian at college level or instructor permission.	5	PO,	OSU, PSU, UO,
		RUS 202	Second Year Russian	Continuation of RUS 201. Continues to expand structure and vocabulary for the purpose of active communication. Includes practice in reading and writing. Recommended: Completion of RUS 201 or instructor permission.	5	PO,	OSU, PSU, UO,
		RUS 203	Second Year Russian	Continuation of RUS 202. Continues to expand structure and vocabulary for the purpose of active communication. Includes practice in reading and writing. Recommended: Completion of RUS 202 or instructor permission. Simultaneous enrollment in RUS 270C.	5	PO,	OSU, PSU, UO,
		RUS 211	Inter Russian Conversation	Intermediate Russian Conversation Stresses conversational skills and listening comprehension at the second-year level. Recommended: completion of first year Russian at college level or instructor permission.	3	PO,	OSU, PSU, UO,
		RUS 212	Inter Russian Conversation	Intermediate Russian Conversation Stresses conversational skills and listening comprehension at the second-year level. Recommended: completion of RUS 201 or instructor permission.	3	PO,	OSU, PSU, UO,
		RUS 213	Inter Russian Conversation	Intermediate Russian Conversation Stresses conversational skills and listening comprehension at the second-year level. Recommended: completion of RUS 202 or instructor permission.	3	PO,	OSU, PSU, UO,
		RUS 217	Russian for Native Speakers	Improve skills in spelling, grammar, reading, composition, and translation. Recommended: Speaker of Russian as first language and ability to read and write.	3	PO,	OSU, PSU,
		RUS 218	Russian for Native Speakers	Improve skills in spelling, grammar, reading, composition, and translation. Recommended: speaker of Russian as first language and ability to read and write.	3	PO,	OSU, PSU,
		RUS 219	Russian for Native Speakers	Improve skills in spelling, grammar, reading, composition, and translation. Recommended: speaker of Russian as first language and ability to read and write.	3	PO,	OSU, PSU,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		RUS 250	Second Year Russian	Continues the work of first year Russian, reviewing, expanding, and perfecting pronunciation, structure, and vocabulary for the purpose of active communication. Includes practice in reading and writing. Recommended: completion of first year Russian at college level or instructor permission. Simultaneous enrollment in RUS 211C.	6	PO,	OSU, PSU, UO,
		RUS 251	Second Year Russian	Continuation of RUS 250. Continues to expand structure and vocabulary for the purpose of active communication. Includes practice in reading and writing. Recommended: completion of RUS 250 or instructor permission. Simultaneous enrollment in RUS 212Cor 270C.	6	PO,	OSU, PSU, UO,
		RUS 262R	Russian Culture in Russia	Studies and discusses Russian culture and history. Facilitates excursions which parallel topics in class. Designed for students participating in approved Russian study abroad programs. Recommended: completion of RUS 103 or RUS 203.	4		PSU, UO,
		RUS 270	Readings in Russian	Read and discuss accessible works of Russian prose and poetry. Emphasizes skills for reading in Russian. Recommended completion of or concurrent enrollment in RUS 203 or instructor permission.	3	PO,	OSU, PSU, UO,
		RUS 271	Readings in Russian	Read and discuss accessible works of Russian prose and poetry. Emphasizes skills for reading in Russian. Recommended: completion of or concurrent enrollment in RUS 203 or instructor permission.	3	PO,	OSU, PSU, UO,
		RUS 272	Readings in Russian	Read and discuss accessible works of Russian prose and poetry. Emphasizes skills for reading in Russian. Recommended: completion of or concurrent enrollment in RUS 203 or instructor permission.	3	PO,	OSU, PSU, UO,
		RUS 280	CE/ Russian	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
		RUS 298	Independent Study:	Advanced, individualized study in areas not considered in other courses to meet special interests or program requirements. Complete a term project approved by the instructor. Recommended: prior study, and instructor permission.			
		RUS 299	Special Studies:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
LANGUAGES				SPANISH			
		SPA 101	First Year Spanish	Beginning communication in Spanish. Includes listening, speaking, reading, writing, pronunciation, structure, vocabulary and culture.	4	PO,CH,BM, TB, CE,TV, UM,LB, CL,KL,	OSU, PSU, UO,
		SPA 102	First Year Spanish	Active communication in Spanish. Includes listening, speaking, reading, writing, pronunciation, structure, vocabulary and culture. Recommended: Simultaneous enrollment in SPA 112C. Completion of SPA 101 or equivalent also recommended.	4	PO,CH,BM, TB, CE,TV, UM,CL, LB,KL,	OSU, PSU, UO,
		SPA 103	First Year Spanish	Active communication in Spanish. Includes listening, speaking, reading, writing, pronunciation, structure, vocabulary and culture. Recommended: Simultaneous enrollment in SPA 113C. Completion of SPA 102 or equivalent also recommended.	4	PO,CH, BM,TB, CE,TV, UM,	OSU, PSU, UO,
		SPA 111	First Yr Spanish Conversation	First Year Spanish Conversation Practice of structures and vocabulary of first year Spanish in a conversational format. Recommended: First year Spanish at the college level or instructor permission.	3	PO,CH,BM, TB, CE,TV, UM,MH,CT, LA,OC,RO, KL,	OSU, PSU, UO,
		SPA 112	First Yr Spanish Conversation	First Year Spanish Conversation Practice of structures and vocabulary of first year Spanish in a conversational format. Recommended: First year Spanish at the college level or instructor permission.	3	PO,CT, LA,MH,	OSU, PSU, UO,
		SPA 113	First Yr Spanish Conversation	First Year Spanish Conversation Continuation of SPA 112A. Recommended: First year Spanish at the college level or instructor permission.	3	PO,CH, CT,LA,	OSU, PSU, UO,
		SPA 150	First Year Spanish	Emphasizes active communication in Spanish. Includes listening, speaking, reading, writing, pronunciation, structure, vocabulary and culture. For beginners.	6	PO,CH,	OSU, PSU, UO,
		SPA 151	First Year Spanish	Increases vocabulary and proficiency in the present, past and future tenses, and the command of verb forms. Engage in and initiate Spanish dialogue. Recommended: SPA 150 or completion of at least two years of recent high school Spanish.	6	PO,CH,	OSU, PSU, UO,
		SPA 198	Spanish Independent Study	Provides an opportunity for intermediate and advanced students to expand skills in reading, writing, understanding the culture, literature, and grammar.		MH,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		SPA 199	Special Studies: Spanish	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.		PO,LA,	
		SPA 201	First Year Spanish	Reviews and expands the use of basic vocabulary, structural patterns, indicative tenses and commands from first-year college Spanish. Listen, speak, write and read in Spanish. SPA 151, SPA 103, or instructor permission required. Recommended: Simultaneous enrollment in SPA 211.	4	PO,CH, BM,TB, RO,CT, LA,MH, KL,	OSU, PSU, UO,
		SPA 202	Second Year Spanish	Practice and expand vocabulary and structures. Emphasizes subjunctive tenses to express personal feelings, doubts and opinions in Spanish. Recommended: Simultaneous enrollment in SPA 212. Completion of SPA 201 or equivalent also recommended.	4	PO,CH, BM,TB, RO,CT, LA,MH, KL,	OSU, PSU, UO,
		SPA 203	Second Year Spanish	Practice and expand vocabulary and subjunctive patterns. Listen, speak, read, write and begin to sense the culture in the idiom. Recommended: Simultaneous enrollment in SPA 213. Completion of SPA 202 or equivalent also recommended.	4	PO,CH, BM,TB, RO,CT, LA,MH, KL,	OSU, PSU, UO,
		SPA 211	Inter Spanish Conversation	Intermediate Spanish Conversation Stresses conversational skills at the second year level. Recommended: Completion of or simultaneous enrollment in SPA 201 or instructor permission.	3	PO,BM, CH,LA,	OSU, PSU, UO,
		SPA 212	Inter Spanish Conversation	Intermediate Spanish Conversation Continuation of SPA 211. Recommended: Completion of or simultaneous enrollment in SPA 202 or instructor permission.	3	PO,BM, CH,LA,	OSU, PSU, UO,
		SPA 213	Inter Spanish Conversation	Intermediate Spanish Conversation Continuation of SPA 212. Recommended: Completion of or simultaneous enrollment in SPA 203 or instructor permission.	3	PO,BM, CH,LA,	OSU, PSU, UO,
		SPA 217	Reading & Writing for Experience	Reading & Writing for Experienced Speakers of Spanish Improve native speakers' Spanish skills in spelling, grammar, reading, composition, and translation. Recommended: Speaker of Spanish as a first language who can read and write.	3	PO,	OSU, PSU,
		SPA 218	Reading & Writing for Experience	Reading & Writing for Experienced Speakers of Spanish Improve native speakers' Spanish skills in spelling, grammar, reading, composition, and translation. Recommended: Speaker of Spanish as a first language who can read and write.	3	PO,	OSU, PSU,
		SPA 219	Reading & Writing for Experience	Reading & Writing for Experienced Speakers of Spanish Improve native speakers' Spanish skills in spelling, grammar, reading, composition, and translation. Recommended: Speaker of Spanish as a first language who can read and write.	3	PO,	OSU, PSU,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		SPA 250	Second Year Spanish	Develop and practice language competence and proficiency by reinforcing all basic structures and expanding vocabulary of first year Spanish. Emphasizes understanding, speaking, reading and writing. Recommended: Completion of first year college Spanish or three or more years of recent high school Spanish, or instructor permission.	6	PO,	OSU, PSU, UO,
		SPA 251	Second Year Spanish	Develop and practice communicative competence and proficiency. Emphasizes proper use of the subjunctive to understand and express personal feelings and thoughts. Focuses on various dimensions of Hispanic culture. Recommended: Completion of SPA 250 or four or more years of recent high school Spanish or instructor permission.	6	PO,	OSU, PSU, UO,
		SPA 255	Accelerated Spanish	For beginners. Covers the material of SPA 101 and SPA 102 in an accelerated format. Stresses the development of listening, speaking, reading, writing and cultural awareness through a communicative approach. Primary emphasis is on student's active use of the language. Recommended for the motivated student.	8		
		SPA 256	Accelerated Spanish	Covers the material of SPA 103 and SPA 201 in an accelerated format. Continues the work of SPA 255C further developing all skills. Primary emphasis is on student's active use of the language. Recommended: Completion of SPA 102 or SPA 255 or instructor permission.	8		
		SPA 257	Accelerated Spanish	Covers the material of SPA 202 and 203 in an accelerated format. Continues the work of SPA 256, further developing all skills. Primary emphasis is on the student's active use of the language. Recommended: Completion of SPA 201 or SPA 256 or instructor permission.	8		
		SPA 260	Spanish Culture	Hispanic culture through reading, conversation, and writing. Conducted in Spanish. Specific regional and topical focus is subtitled in the schedule when offered. Recommended: Completion of SPA 203, SPA 251, or instructor permission.	3	PO,	OSU, PSU, UO,
		SPA 261	Spanish Culture	Hispanic culture through reading, conversation, and writing. Conducted in Spanish. Specific regional and topical focus is subtitled in the schedule when offered. Recommended: Completion of SPA 203, SPA 251, or instructor permission.	3	PO,	OSU, PSU, UO,
		SPA 262	Spanish Culture	Hispanic culture through reading, conversation, and writing. Conducted in Spanish. Specific regional and topical focus is subtitled in the schedule when offered. Recommended: Completion of SPA 203, SPA 251, or instructor permission.	3	PO,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		SPA 270	Readings in Spa Lit (Hispanic)	Readings in Spanish Literature (Hispanic) Reading and discussion of Hispanic people and culture through essays, poetry, short story, novels and theater. Focuses on the Hispanic region, period and genre subtitled in the schedule. Conducted in Spanish.	3	PO,	OSU, PSU,
		SPA 271	Readings in Spa Lit (Women Wr)	Readings in Spanish Literature (Women Writers) Literature written by women in Spanish. Read literary essays, poetry, short stories, novels and/or theater by Spanish and Latin American women. Conducted in Spanish.	3	PO,	OSU, PSU,
		SPA 272	Readings in Spa Lit (Spain)	Readings in Spanish Literature (Spain) Reading and discussion of Spanish people and culture through essays, poetry, short story, novels and/or theater. Focuses on peninsular literature, period and genre subtitled in the schedule. Conducted in Spanish.	3	PO,	OSU, PSU,
		SPA 280	Cooperative Work Experience:	On-the-job experience (paid or volunteer) which enables the student to apply the knowledge, skills and experience gained through the on-campus program to all aspects of the industry. Cooperative Work Experience is offered for variable credit, based on the student's objectives. Instructor permission is required. The student is responsible for locating a job site.		KL,	
		SPA 290	Spanish Composition	Reviews and practices basic grammatical concepts to increase confidence and fluency in writing correctly. Recommended: Completion of SPA 203, SPA 251, or instructor permission.	3	PO,	OSU, PSU, UO,
		SPA 291	Spanish Composition	Reviews and practices basic grammatical concepts to increase confidence and fluency in writing correctly. Recommended: Completion of SPA 203, SPA 251, or instructor permission.	3	PO,	OSU, PSU, UO,
		SPA 292	Spanish Composition	Reviews and practices basic grammatical concepts to increase confidence and fluency in writing correctly. Recommended: Completion of SPA 203, SPA 251, or instructor permission.	3	PO,	OSU, PSU, UO,
		SPA 298	Special Studies	Independent Studies: Spanish, Offers individualized study at an advanced level in areas of Spanish not considered in other courses to meet special interests or program requirements. Students complete a term project and readings approved by the instructor. Instructor approval in required. Recommended; Prior study on Spanish.	3	BM,CH, CT,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
MATH	MTH 105		Intro to Contemporary Math	Topics include systems of linear equations, statistics, measurement, mathematical modeling and problem solving. Prerequisite: Intermediate Algebra.	4	CE,TV,CT, UM,SW,KL, CH,LA,LB, MH, OC,	
	MTH 108		Matrices	A brief course in matrix arithmetic, inverses, determinants, row-reduced echelon form and their applications. Graphing calculator required. Prerequisite: MTH 95.	1	PO,	
	MTH 109		Conic Sections	A brief course in conic sections including graphing forms, geometric properties and applications. Graphing calculator required. Prerequisite: MTH 95.	1		
	MTH 111		College Algebra	College Algebra for Liberal Arts Relations and functions are investigated graphically, numerically, symbolically, and verbally. Logarithmic functions, exponential functions, and systems of equations are explored. Special topics include Statistics and Geometry. Applications are investigated from Liberal Arts perspectives. Technology is integrated throughout the course. Graphics calculator is required. TI-86 calculator is recommended.	4	PO,CH, KL,BM, CE,CT, TV,UM, CG,TB,	OSU, PSU, UO,
*	MTH 112		Elementary Functions	Topics are investigated graphically, numerically, symbolically, and verbally and include: trigonometric functions and their graphs, trigonometric equations and identities, solution of right and oblique triangles, vectors, polar coordinates, parametric equations and complex numbers. Students communicate results in oral and written form. Graphing technology required. TI-86 calculator recommended.	4	PO,CH, KL,BM, CE,CT, TV,UM, CG,TB,	OSU, PSU, UO,
*	MTH 113		Analytic Geometry/ Precalculus	Graphing techniques including applications to polynomial and rational functions, conic sections and transformations.		CO,TV,	
	MTH 116		Calculus Preparation	Logarithmic functions, exponential functions, polynomial functions, rational functions, and trigonometric functions are explored graphically, numerically, symbolically, and verbally. Applications are investigated from Science and Engineering perspectives. Students communicate results in oral and written form. Technology is integrated throughout the course. Graphing technology required. TI-86 calculator recommended. Prerequisites: MTH 112 and placement into WR 115.	4	PO,CH, TB,LB,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	MTH 191		Math Tutoring:	Mathematics Tutoring: Pre 100-level Credit Courses Training in one-to-one and small group tutoring in arithmetic and other non-transfer courses. Required field work consists of providing tutoring service in the community or college. Consent of instructor required.	3	PO,	
*	MTH 198		Independent Study: Mathematics	Presents selected topics of study in mathematics offered on a temporary or experimental basis.		KL,BM, CE	
	MTH 199		Special Studies: Mathematics	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.	1	TV,LB,	
*	MTH 211		Foundations of Elem Math I	Foundations of Elementary Math I Surveys mathematical topics for those interested in the presentation of mathematics at the K-9 levels. Various manipulative and heuristic problem solving strategies are used to emphasize problem solving, patterns, sequences, set theory, logic, numeration systems, number bases, arithmetic operations, and number theory. Prerequisite: MTH 95.	3	PO,CH, BM,TB, TV,UM, KL,CT, CG,SW, CL,	OSU, PSU, UO,
*	MTH 212		Foundations of Elem Math II	Foundations of Elementary Math II Surveys mathematical topics for those interested in the presentation of mathematics at the K-9 levels. Various manipulative and heuristic problem solving approaches are used to explore rational numbers (fractions, decimals, percents), integers, the set of irrational numbers, the set of real numbers, and simple probability and statistics. Prerequisite: MTH 95.	3	PO,CH, BM,TB, TV,UM, KL,CT, CG,CE, SW	OSU, PSU, UO,
*	MTH 213		Foundations of Elem Math III	Foundations of Elementary Math III Surveys mathematical topics for those interested in the presentation of mathematics at the K-9 levels. Various manipulative and heuristic problem solving approaches are used to explore algebra and functions, informal geometry, transformational geometry, and measurement systems. Prerequisite: MTH 95.	3	PO,CH,CT, BM, TB,TV, UM,KL,CG, CO, SW,	OSU, PSU, UO,
*	MTH 231		Elements of Discrete Mth I	Elements of Discrete Mathematics I A survey course introducing the language, concepts, techniques, and applications of Discrete Math. Topics include: Logic, Set Theory, Graph Theory and Combinatorics. Prerequisite: MTH 111B or MTH 111C.	4	PO,CH, BM,TV, UM,CO,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	MTH 232		Elements of Discrete Math II	Includes mathematical logic induction, theory of graphs and trees, functions and relations, permutations and combinations, discrete probability, Boolean algebra, and elementary group theory.	4	CH,CE,	
*	MTH 233		Elements of Discrete Math III	Includes mathematical logic induction, theory of graphs and trees, functions and relations, permutations and combinations, discrete probability, Boolean algebra, and elementary group theory.			
*	MTH 234		Discrete Mathematics	Includes elementary logic, induction, functions and sequences, set theory, relations, graphs, trees and semi groups.			
*	MTH 241		Calc for Mgmt, Life/Social Sci	Calculus for Management, Life and Social Science Topics include limits, continuity, derivatives, and integrals. Applications are investigated from science, business, and social science perspectives. Graphics calculator required. TI-86 calculator recommended. Prerequisite: MTH 111B or MTH 111C and placement into WR 121.	4	PO,CH, BM,TV, UM,KL, CE,CT, TB,SW,	OSU, PSU, UO,
*	MTH 242		Calculus for Mgmt, Social Sci II	Introduction to differential and integral calculus of polynomial, rational, exponential and logarithmic functions with applications in the social and managerial sciences.		UM,SW,	
*	MTH 243		Statistics I	Topics include frequency distributions and their graphs, descriptive statistics, elementary probability distributions and introduction to confidence intervals. Applications are investigated from science, business, and social science perspectives. Statistical software is integrated throughout the course. Graphics calculator required. TI-86 calculator recommended. Prerequisite: MTH 95 and placement into WR 121.	4	PO,CH, BM,TB, TV,UM, KL,CE, CG,CT, SW,	OSU, PSU, UO,
*	MTH 244		Statistics II	Topics include confidence interval estimation, hypothesis testing, ANOVA, Chi-square tests, regression and correlation. Applications are investigated from science, business, and social science perspectives. Statistical software is integrated throughout the course. Graphics calculator required. TI-86 calculator recommended. Prerequisite: MTH 243 and placement into WR 121.	4	PO,CH, TB,TV, KL,CE, CT,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	MTH 245		Mth for Mgmt, Life/Soc. Science		4	LB,	
*	MTH 251		Calculus I	Topics include: limits, continuity, derivatives, and definite integrals. Students will communicate their results in oral and written form. Graphics calculator required. Prerequisites: MTH 112 or MTH 116 or CMET 131, and placement into WR 121. prerequisite: MTH 251 lab section.	4	PO,CH,BM, TB, TV,UM, SW,KL,CO, CT, LA,CL, LB,RO,MH,	OSU, PSU, UO,
*	MTH 252		Calculus II	Topics include: applications of the derivative, the anti-derivative, and the definite integral. Students will communicate their results in oral and written form. Graphics calculator is required. Prerequisites: MTH 251 and placement into WR 121.	4	PO,CH,BM, TB, TV,UM, SW,KL,CG, LA,RO,MH,	OSU, PSU, UO,
*	MTH 253		Calculus III	Topics include: infinite sequences and series (emphasis on Taylor series), and introduction to differential equations, and vectors in three space. Students will communicate their results in oral and written form. Graphics calculator required. Prerequisites: MTH 252 and placement into WR 121.	4	PO,CH,BM, TB, TV,UM, SW,KL,CG, LA,RO,MH,	OSU, PSU, UO,
*	MTH 254		Vector Calculus I	Topics include multivariate and vector-valued functions from a graphical, numerical, and symbolic perspective. Applies integration and differentiation of both types of functions to solve real world problems. Students will communicate their results in oral and written form. Graphics calculator is required. Prerequisites: MTH 253 and placement into WR 121.	4	PO,CH ,BM,TV, UM,KL, SW,CE, CT,CL, LA,LB, RO	OSU, PSU, UO,
*	MTH 255		Vector Calculus I	Vector and vector functions, parametric curves, applications to motion, surfaces, partial derivatives. Multiple integrals with applications. May also introduce elements of linear algebra.		SW,CH, LA,LB, CO,	
*	MTH 256		Differential Equations	Study a variety of differential equations and their solutions, with emphasis on applied problems in engineering and physics. Differential equations software will be used. Students communicate results in oral and written form. Graphics calculator required. Prerequisites: MTH 253 and placement into WR 121.	4	PO,CH, KL,BM, UM,SW, CE,CL, LB,LA, MH,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	MTH 261		Applied Linear Algebra I	Overview of linear algebra with some application. Includes linear systems, vector spaces, exigent spaces and applications. Graphics calculator required. Prerequisites: MTH 253 and placement into WR 121.	4	PO,BM, KL,CL, LA,RO,	OSU, PSU, UO,
*	MTH 262		Linear Algebra II	Finite dimensional vector spaces, matrices, and linear transformations.	4	KL,PO,	
*	MTH 265		Statistics for Science/Engineer	Introduction to probability and statistics with specific applications to science and engineering.		SW,LB,	
*	MTH 271		Structures I	Topics include logic, set theory, number theory, structure of real numbers, discrete probability, group theory and topology.			
*	MTH 272		Structures II	Topics include logic, set theory, number theory, structure of real numbers, discrete probability, group theory and topology.			
*	MTH 273		Structures III	Topics include logic, set theory, number theory, structure of real numbers, discrete probability, group theory and topology.			
*	MTH 280		Cooperative WK Exp.: Math	Provides work-related experience and study in selected occupational environment.		KL,BM, RO, CL,	
*	MTH 281		Calculus of Several Variables I	The calculus of several variables, partial differentiation, gradient, divergence and curl, like and surface integrals, Green's and Stokes' theorems.			
*	MTH 282		Calculus of Several Variables II	The calculus of several variables, partial differentiation, gradient, divergence and curl, like and surface integrals, Green's and Stokes' theorems.			
*	MTH 295		Introduction to Proofs	The nature of direct and indirect proofs in mathematic. Logic and the language of proofs, quantifiers, sets, and mathematics induction.			
*	MTH 298		Independent Study: Mathematics	Offers topics of study in mathematics with individual research or field study.		KL,	
*	MTH 299		Special Studies: Mathematics	Presents selected topics of study in mathematics offered on a temporary or experimental basis.		KL,BM, LB	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
MUSIC			NOTE: Dance is under major heading of Health				
	MUP 100		Individual Lessons/Non-Majors	Individual Lessons for Non-majors Includes Individual instruction in piano, organ, voice and instruments of the band and orchestra. Can be taken for a maximum of six credits. Credit fee is paid to the college. Lesson fees are variable and paid directly to instructor.	1	CH,PO,	OSU, PSU, UO,
	MUP 101		Fundamentals of Music		1	CO,BM, TV,	
	MUP 102		Concert Band		1	CL,RO,	
	MUP 111		Music Theory IA		3	BM,CE, PO,TV, UM,	
	MUP 112		Music Theory IB		3	BM,CE, PO,TV, UM,	
	MUP 113		Music Theory IC		3	BM,CE, PO,TV, UM,	
	MUP 171		Applied Piano		1	BM,TV, UM,CE, PO,SW,	PSU, UO,
	MUP 172		Applied Harpsichord		1	UM,	
	MUP 173		Applied Organ		1	BM,TV,	
	MUP 174		Applied Voice		1	CH,BM, TV,UM, CO,PO,	PSU, UO,
	MUP 175		Applied Violin		1	PO,TV, CT,UM,	UO,
	MUP 176		Applied Viola		1		
	MUP 177		Applied Cello		1		UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	MUP 178		Applied Bass		1	TV,	
	MUP 179		Applied Harp		1	PO,	
	MUP 180		Applied Guitar		1	TV,UM, CT,CO, PO,	
	MUP 181		Applied Flute		1	UM,PO,	
	MUP 182		Applied Oboe		1		
	MUP 183		Applied Clarinet		1		
	MUP 184		Applied Saxophone		1	TV,	
	MUP 185		Applied Bassoon		1		
	MUP 186		Applied Trumpet		1	UM,TV,	
	MUP 187		Applied French Horn		1		
	MUP 188		Applied Trombone		1	TV,	
	MUP 189		Applied Baritone		1		
	MUP 190		Applied Tuba		1	TV,UM,	
	MUP 191		Applied Percussion		1	BM,TV, UM,PO,	
	MUP 192		Applied Music Miscellaneous	Individual first-year instruction in piano, voice and instruments of the band and orchestra.	1	PO,BM, TV,UM,	OSU, UO,
	MUP 199						
	MUP 202		Concert Band		1	SW,CL	
	MUP 205		Jazz Ensemble		1	CL,MH, TV,	
	MUP 225		Vocal Jazz Ensemble		1	CL,MH, TV,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	MUP 271		Applied Piano		1	BM,TV,UM,CO,LA,PO,SW,MH,	UO,
	MUP 272		Applied Harpsichord		1		
	MUP 273		Applied Organ		1	TV,	
	MUP 274		Applied Voice		1	BM,TV,UM,CE,PO,SW,CL,MH, LA,	PSU,
	MUP 275		Applied Violin		1	UM,CL,	UO,
	MUP 276		Applied Viola		1		
	MUP 277		Applied Cello		1		
	MUP 278		Applied Bass		1	CL,MH,TV,SW,	
	MUP 279		Applied Harp		1	PO,	
	MUP 280		Applied Guitar		1	CL,MH,SW,UM,CE,CT,	
	MUP 281		Applied Flute		1	UM,CT,CE,TV	
	MUP 282		Applied Oboe		1	TV,	
	MUP 283		Applied Clarinet		1	SW,LA,	
	MUP 284		Applied Saxophone		1	MH,	
	MUP 285		Applied Bassoon		1		
	MUP 286		Applied Trumpet		1	UM,CL,MtH	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	MUP 287		Applied French Horn		1	MH,	
	MUP 288		Applied Trombone		1		
	MUP 289		Applied Baritone		1	MH	
	MUP 290		Applied Tuba		1	TV,UM,	
	MUP 291		Applied Percussion		1	BM,TV, LA,UM, SW,MH,	
	MUP 292		Applied Music Miscellaneous	Individual second-year instruction in piano, voice and instruments of the band and orchestra. Prerequisites: MUP 171-192.	1	BM,TV, UM,	
	MUP 293		Applied Guitar		1	TV,	
	MUP 298						
	MUP 299						
	MUS 101		Music Fundamentals		3	BM,CE,LA, LB,SW,MH, CL,RO,	
	MUS 105		Music Appreciation	Covers music terms, forms and styles. Listen to classical music of our culture from the Baroque era to the present.	3	PO,CH, TV,UM, MH,LB,	OSU, PSU, UO,
	MUS 106		Opera Appreciation	Covers musical and dramatic analysis of opera. Read about and listen to operas dating from 1600 to the present.	3	PO,	OSU, PSU, UO,
	MUS 110		Fundamentals of Music	Covers Concepts of sound, music notation, rhythm, meter, intervals, modes, scales, triads, sight singing and ear training. Introduces the basic terminology of music theory and begins development of musical skills.	3	PO,TV,	OSU, PSU, UO,
	MUS 111		Music Theory I	Covers basic structure of music (tonality, modality, melody, harmony, rhythm, modulation and phrase structure) as it is exhibited through diatonic harmony. Meets arts and humanities sequence requirement for Associate of Arts Oregon Transfer degree. Prerequisite: MUS 110.	3	PO,BM, TV,UM, CE,SW,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	MUS 112A		Music Theory I	Basic structure of music (tonality, modality, melody, harmony, rhythm, modulation and phrase structure) as it is exhibited through diatonic harmony. Meets arts and humanities sequence requirement for the Associate of Arts Oregon Transfer degree. Prerequisite: MUS 111.	3	PO,BM, CE,UM, SW,	OSU, PSU, UO,
	MUS 112C		Sight Sing & Ear Train I	Music Theory I: Sight Singing and Ear Training Continues development of skills learned in MUS 111C. Develop musical skills emphasizing sight and sound of melodic, rhythmic and harmonic intervals. Demonstrate musical recognition by singing and/or tapping the musical symbols presented for performance. Continued development of melodic, rhythmic and harmonic dictation. Prerequisite: MUS 111C.	1	PO,	OSU, PSU, UO,
	MUS 113		Music Theory I	Covers basic structure of music (tonality, modality, melody, harmony, rhythm, modulation and phrase structure) as it is exhibited through diatonic harmony. Introduction to chromatic harmony. Prerequisite: MUS 112A.	3	PO,BM, TV,UM, CE,SW,	OSU, PSU, UO,
	MUS 113B		Music Theo I: Keyboard Harmony	Music Theory I: Keyboard Harmony Piano keyboard performance of simple keyboard skills (scales, cadences, melody harmonization, simple accompaniment patterns and transposition) as they apply to principles studied in Music Theory II. Prerequisite: MUS 211.	2	PO,CE, TV,	OSU,
	MUS 113C		Sight Sing & Ear Train I	Music Theory I: Sight Singing and Ear Training Continues development of skills learned in MUS 112C. Develop musical skills emphasizing sight and sound of melodic, rhythmic and harmonic intervals. Demonstrate musical recognition by singing and/or tapping the musical symbols presented for performance. Continued development of melodic, rhythmic and harmonic dictation. Prerequisite: MUS 112C.	1	PO,	OSU, PSU, UO,
	MUS 114		Sight Singing and Ear Training	Offers Practice in singing and reading music with our accompaniment. Stresses music terminology, rhythms and intervals.	1	SW,CE, TV,CL, LA,UM,	
	MUS 115		Sight Singing and Ear Training	Continues practice in singing and reading music without accompaniment. Includes terminology and four part music.	1	SW,CE, TV,UM, LA,CL,	
	MUS116		Sight Singing and Ear Training	Continues practice in singing and reading music without accompaniment. Includes terminology and four part music.	1	SW,CE, TV,UM, LA,CL,	
	MUS 131		Class Piano	Offers Theory and Practice in piano and keyboard techniques.	1	BM,TV, UM,CE, PO,SW,	PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	MUS 132		Class Piano				
	MUS 133		Class Piano				
	MUS134		Class Voice				
	MUS135		Class Voice				
	MUS136		Class Voice				
	MUS137		Class Guitar				
	MUS138		Class Guitar				
	MUS 199			Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			
	MUS 201		Intro to Music & Its Lit	Introduction to Music and Its Literature Covers music of the Medieval, Renaissance and Baroque eras of music history.	3	PO,CH,BM, KL, LA,RO, CO,TV,UM,	
	MUS 202		Intro to Music & Its Lit	Introduction to Music and Its Literature Covers music of the Classic and Romantic eras of music history.	3	PO,CH,BM, TV,UM,CO, CL,KL,LA, RO,	OSU, PSU, UO,
	MUS 203		Intro to Music & Its Lit	Introduction to Music and Its Literature Covers music of the post-Romantic era and the 20th century.	3	PO,CH,BM, TV, UM,CL, KL,LA,RO, CO,	OSU, PSU, UO,
	MUS 205		Introduction to Jazz History	Covers the 90-year history of jazz, a truly American art form. Eras, styles, and significant artists are examined and analyzed.	3	PO,CH, BM,LA, LB,	OSU, PSU, UO,
	MUS 206		Intro to History of Rock Music	Introduction to the History of Rock Music Examines rock music's roots and development, its innovators and significant events through a cultural as well as musical perspective.	3	PO,CL,	OSU, PSU, UO,
	MUS 207		Intro to History of Folk Music	Introduction to the History of Folk Music Examines ballads, work songs, bluegrass, country blues and gospel music are examined as well as influential non-American styles. Also covers protest songs and the "folk revival" of the sixties.	3	PO,TV,	OSU, PSU, UO,
	MUS 208		African-American Music	Traces the spiritual and all of its counter-parts to gospel music back to its African beginnings. Includes certain musical aspects of various African, Caribbean and South American cultures. See how African-American music is related to these cultures and how the inception of music in the African-American tradition occurred.	3	PO,TV,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	MUS 209		African-American Music	Examines the progression of African-American music to the blues. Includes the elements of the blues and the various historical avenues in which it has developed. Study how the blues has inspired and constructed the format of today's music.	3	PO,	OSU, PSU, UO,
	MUS 210		African-American Music	Examines present-day jazz art-form through its progression from the blues. Study the construction of jazz and its various formats, appreciate of the art-form through direct exposure to the music, receive historical background and examine its contribution to the international field of music.	3	PO,	OSU, PSU, UO,
	MUS 211A		Music Theory II	Continues work on skills from in Music Theory I adding compositional techniques associated with the 20th century, as well as introducing tonal counterpoint and formal musical analysis. Prerequisite: MUS 113.	3	PO,BM,CL, MH,LA,SW, TV,UM,	OSU, PSU, UO,
	MUS 211B		Music Theo II: Keyboard Harmony	Music Theory II: Keyboard Harmony Piano keyboard performance of simple keyboard skills (scales, cadences, melody harmonization, simple accompaniment patterns and transposition) as they apply to principles studied in Music Theory II. prerequisite: MUS211.	1	PO,	OSU, PSU, UO,
	MUS 212A		Music Theory II	Continues work on skills from Music Theory I, adding compositional techniques associated with the 20th century, as well as introducing tonal counterpoint and formal musical analysis. Prerequisite: MUS 211.	3	PO,CO, TV,UM, CL,LA, MH,	OSU, PSU, UO,
	MUS 212B		Music Theo II: Keyboard Harmony	Music Theory II: Keyboard Harmony Continues development of piano keyboard skills (scales, cadences, melody harmonization, simple accompaniment patterns and transposition) as they apply to principles studied in Music Theory II. Prerequisite: MUS 211B. prerequisite: MUS 212.	1	PO,	OSU, PSU, UO,
	MUS 213A		Music Theory II	Continues to work on skills from Music Theory I adding compositional techniques associated with the 20th century. Includes tonal counterpoint and formal musical analysis. Prerequisite: MUS 212A.	3	PO,BM,CO, TV, UM,CL, LA,MH,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	MUS 213B		Music Theo II: Keyboard Harmony	Music Theory II: Keyboard Harmony Continues development of piano keyboard skills (scales, cadences, melody harmonization, simple accompaniment patterns and transposition) as they apply to principles studied in Music Theory II. Prerequisite: MUS 212B. prerequisite: MUS 213.	1	PO,	OSU, PSU, UO,
	MUS 213C		Sight Sing & Ear Train II	Music Theory II: Sight Singing and Ear Training A continuation of MUS 111C, 112C and 113C and must be taken concurrently with MUS 211, 212 and 213.	1	PO	
	MUS 220		Chorus	Directed rehearsal and performance of music for the larger general chorus of mixed voices--soprano, alto, tenor, bass. Chorus is open to all students who desire to sing. No audition is required. Music selected will be keyed to the ability of the group. Purpose is to develop as high a level of artistic choral singing as is possible within the capability of the group.	1	PO,	OSU, PSU, UO,
	MUS 221		Chorus: Chamber Choir	Develop a high level of artistic choral singing through directed rehearsal and performance of music for the smaller choir of mixed voices--soprano, alto, tenor, bass. Audition required.	2		PSU,
	MUS 280		CWE:/ MUSIC	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
	MUS 298		Independent Study:	Advanced, individualized study in areas not considered in other courses to meet special interests or program requirements. Complete a term project approved by the instructor. Recommended: prior study, and instructor permission.			
	MUS 299		Special Studies:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
* PHILOSOPHY	PHL 101		Philosophical Problems	Introduces problems and systems of philosophy.	3	RO,BM, CT,TV,	
*	PHL 102		Ethics	Develops the idea of man as a moral agent and considers critically various interpretations of the ideals and standards of moral conduct.	3	BM,RO, CT,	
*	PHL 103		Critical Reasoning	Focuses on improving reasoning and critical assessment ability. Emphasizes practical methods, involves study of editorials, essays, propaganda, advertisements, etc.	3	CL,RO, BM,CT,	
	PHL 191		Lang & The Layout of Argument	Critical Thinking: Language and the Layout of Argument Analyzes arguments, recognize arguments when they occur, discern simple logical patterns of argument, extract arguments from the contexts in which they occur, restate them in clear and concise terms and clear away needless language in formulating arguments.	3	PO,	OSU, UO,
	PHL 193		Eval of Practical Argument	Critical Thinking: The Evaluation of Practical Argument introduces techniques useful in evaluating arguments. Construct counter-arguments, recognize common kinds of fallacious arguments, and discuss various types of non-rational persuasion.	3	PO,	OSU, PSU, UO,
	PHL 195		Crit Think: Sci & the Occult	Critical Thinking: Science and the Occult Introduces scientific method, assessment criteria for scientific observations and explanations and the difference between genuine and bogus science.	3	PO,	OSU, PSU, UO,
	PHL 197		TV & The Present of Reality	Critical Thinking: Television & The Presentation of Reality Thoughtful and critical look at television programming. Includes news, entertainment programming and commercials. Emphasizes thinking, talking and writing about what they see on TV and reflecting on how television influences their images of themselves and their reality.	3	PO,	OSU, PSU, UO,
	PHL 201		Philosophical Problems	Introduction to Philosophy: Philosophical Problems Introduces metaphysics and the theory of knowledge via the works of important figures in the history of philosophy. Recommended: College level reading and writing ability.	3	PO,CH,TB, TV,UM,CG, KL,LA,LB, MH, SW,	OSU, PSU, UO,
	PHL 202		Intro to Phil: Elem Ethics	Introduction to Philosophy: Elementary Ethics Studies attempts by philosophers to account for the difference between right and wrong, for the notion of moral obligation and to answer the question: How should we lead our lives. Recommended: College level reading and writing ability.	3	PO,CH,TB, TV,UM,CG, KL,LA,LB, MH, SW,	OSU, PSU, UO,
*	PHL 204		Philosophy of Religion	Examines the existence and attributes of God, faith, reason and mysticism, religion and science, religion and morality, religious language and life after death from the perspective of the philosopher. Recommended: College level reading and writing ability.	3	PO,CG,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	PHL 205		Biomedical Ethics	Contemporary Moral Problems: Biomedical Ethics Covers philosophical ethics designed primarily for nursing and other health care students. Focuses on applying ethical concepts to the situations and dilemmas nurses and other health care workers confront in their professional roles.	3	PO,CH, LA,	OSU, PSU, UO,
*	PHL 207		Aesthetics	An introductory study of theories of beauty and art and interpretations of aesthetic experience.			
*	PHL 208		Political Philosophy	Introduction to and analysis of political theories and concepts through study of the works of major figures in the history of political philosophy from Plato to the present.	3	MH,	PSI, UO,
	PHL 209		Business Ethics	Designed primarily for students of business and related fields. Reviews some historical and contemporary ethical theories and ethical issues that arise in several aspects of business, such as, management, use of computers, marketing, accounting, and doing business in an international setting. Includes the social responsibilities of corporations, the rights of workers, truth in advertising, the environmental impact of doing business, affirmative action in hiring, sexual harassment in the workplace	3	PO,TB,	OSU, PSU, UO,
*	PHL 211		Existentialism	An introduction to a number of philosophical issues and works of particular philosophers which have come to be known as existentialism.			
	PHL 221		Symbolic Logic	Propositional notation and truth value analysis of simple and compound statements. Includes quantificational notation and deductive techniques for determining consistency and validity. PREREQ: Instructor permission.	3	PO,LA,	OSU, PSU, UO,
	PHL 222		Elem Aesthetics: Phil of Art	Elementary Aesthetics: Philosophy of Art Discovers what makes something a work of art, what are beauty, taste, and aesthetic qualities, what is the role of the critic, and what distinguishes aesthetic experience from other experiences through the writings of important philosophers. Recommended: College level reading and writing ability.	3	PO,	OSU, PSU, UO,
	PHL 280		Cooperative Work Experience:	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
	PHL 298		Independent Study: Philosophy	Advanced, individualized study in areas of philosophy not considered in other courses to meet special interests or program requirements. Complete a term project and readings approved by the instructor. Recommended: prior study in philosophy and instructor permission.	3	PO,LA,	OSU, PSU, UO,
	PHL 299		Special Studies: Philosophy	Special topics, activities, or projects in an area of philosophy not usually covered in depth in other philosophy courses. Recommended: prior study in philosophy and instructor approval.	3	PO,SW,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
POLITICAL SCIENCE	PS 101		United States Politics	Analysis and description of the American Constitution, federalism, civil rights and liberties, interest groups, parties, elections, and the role of the media.			
	PS 104		Great Decisions	Faculty supervised, student led discussions of international problems. Films and speakers supplement readings. Requires consistent attendance. Grades are based on participation in discussions. Limited to 15 people to ensure good discussions.	3		UO,
	PS 105		Great Decisions: Leaders	Under faculty advisement, students lead Great Decisions groups; keep attendance records; arrange for film showings and guest speakers. Leadership skills are developed through leading discussions of international issues. Recommended: PS 201, PS 202, PS 203	3	PO,	OSU, PSU, UO,
	PS 199		Special Studies: Political Sci	Special Studies: Political Science Special topics, activities, or projects in an area of political science not usually covered in depth in other political science courses. Recommended: prior study in political science and instructor permission.	1	TV,LA,	
*	PS 200		Intro to Politics	Basic introduction to the central themes and fundamental issues of political life. The course examines the nature and meaning of politics and society, and the basic concepts associated with politics and government.			
*	PS 201		US Govt. Foundation /Principles	U.S. Government: Foundations & Principles Examines the development of constitutional traditions in America. Includes topics such as free speech, equal rights under law, movements, interest groups, political parties, and elections in a democratic struggle for power. PS 201, 202, and 203 need not be taken in sequence.	3	PO,CH, BM,CL, TB,TV, UM,	OSU, PSU, UO,
*	PS 202		US Govt. :Institution & Policies	U.S. Government: Institutions & Policies Examines the national institutions of American politics including the Legislative, Executive, Judiciary, and Bureaucracy. Topics include national policies, foreign policy, taxation, spending priorities, government regulations and entitlements. PS 201, 202, and 203 need not be taken in sequence.	3	PO,CH, BM,CL, TB,TV, UM,	OSU, PSU, UO,
*	PS 203		State and Local Government	Examines state and local government policy formulation and outcomes on issues ranging from taxation to prisons, and education to environmental concerns. Focuses on Oregon state and local politics. PS 201, 202, and 203 need not be taken in sequence.	3	PO,CH, BM,CL, TB,TV, UM,	OSU, PSU, UO,
*	PS 204		Intro to Comparative Politics	Pertain to cross-national comparisons of political systems.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	PS 205		Global Politics: Conflict/Coop	Global Politics: Conflict & Cooperation Examines the nature of relations among states. Topics include motivating factors such as nationalism and imperialism, economic rivalries and the quest for security, questions of national sovereignty and international cooperation, war and peace, global issues, and the future.	3	PO,CH, CL,UM, MH,LA, LB,	OSU, PSU, UO,
*	PS 206		Intro to Political Theory	Tradition of political thought. Pertain to major ideas of selected political thinkers.		CL,BM,	
	PS 211		Peace and Conflict	Explores the causes and manifestations of violence in actions involving oneself, society, one's nation, and the global community. Alternatives to oppressive behavior, undemocratic institutions, and the violent resolution of conflict are considered. Recommended: WR 115.	3	PO,LA,	OSU, PSU, UO,
	PS 220		U.S. Foreign Policy	Historical analytical treatment of select foreign policy themes since World War I is presented. Examines the United States' attempt to create world order through use of economic, military and diplomatic power, the roles of democratic institutions and decision-making elites in creating foreign policy, and the interdependent basis of the contemporary international system.	3	PO,LB,	OSU, PSU, UO,
*	PS 225		Political Ideology: Alt Idea System	Political Ideology: Alternative Idea Systems Covers the sources, strengths and weaknesses of contemporary ideologies, and the conditions which lead to conflict or to cooperation among them. Includes liberalisms, conservativisms, socialisms, fascisms, and other idea systems.	3	PO,CL, LA,MH,	OSU, PSU, UO,
	PS 280		Cooperative Work Experience:	Cooperative Education: Political Science Extends knowledge of Political Science through work and/or volunteer time spent in settings that provide learning experiences. Department permission required.	4	PO,CL,	OSU, PSU, UO,
	PS 298		Indep. Study: Political Science	Independent Study: Political Science Advanced individualized study of areas of political science not considered in other courses to meet special interests or program requirements. Includes a term project and readings approved by the instructor. Recommended: prior study in political science and instructor permission.	3	PO,	OSU, PSU, UO,
	PS 299		Special Studies: Political Sci	Special Studies: Political Science Special topics, activities, or projects in an area of political science not usually covered in depth in other political science courses. Recommended: prior study in political science and instructor permission.	3	PO,BM,	OSU, PSU,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
PSYCHOLOGY	PSY 101		Psychology and Human Relations	Focuses on practical and personal applications of psychological principles. Encourages applications of psychological principles to daily living and human interactions to areas such as work, leisure, school and relationships.	3	PO,CH,BM, TB, TV,UM, CG,CT, KL,	OSU, PSU, UO,
	PSY 119		Human potential Sem	Explores values, attitudes, interests, beliefs, and abilities and how these factors influence decision making, relationships, and other aspects of life. Prerequisite: PHY 101	3	OC,CL, RO,	
	PSY 190		Stress Management	Explores what stress is, various sources of stress, how it affects people physically and emotionally, and how to develop a lifestyle approach to comprehensive stress management through lectures and group activities. Become familiar with a wide range of cognitive and physical stress management techniques.	3	PO,TV,	OSU, PSU, UO,
	PSY 199		Special Studies		1	RO,MH, CO,	
*	PSY 200		Psy. As a Natural Science	Methods and criteria by which experimental psychology makes observations and constructs theories. Basic findings in physiological psychology, perception, learning, thinking, and motivation.		CL,LB,	
*	PSY 201		General Psychology	Covers history, methodology, brain and nervous system, body rhythms and mental states, sensation and perception, and development over the life span. Recommended: Completion of WR 115.	3	PO,CH,BM, TB, TV,UM, KL,CL,SW, CG,CT,CE,	OSU, UO,
*	PSY 202		General Psychology	Covers learning, memory, thinking and intelligence, evolution, genes and behavior, motivation, and emotion. Recommended: Completion of WR 115 and PSY 201 or PSY 201A.	3	PO,CH,BM, TB, TV,UM, CE,CT,CG, SW, KL,	OSU, PSU, UO,
*	PSY 203		General Psychology	Covers health and well-being, personality theories, psychological disorders, approaches to treatment and therapy, principles of social life, and the cultural context. Recommended: Completion of WR 115 and PSY 201 or PSY 201A.	3	PO,CH,BM, TB, TV,UM, SW,KL,CG,	OSU, PSU, UO,
*	PSY 205		Psy. As a Social Science	Introduction to the field of psychology with major emphasis on what psychological findings can currently contribute to our understanding of human behavior on a social level. Includes extensive coverage of personality and social behavior.		CL,LB,	
*	PSY 207		Intro to Applied Psychology	A survey of selected applications of concepts and methodologies from the different areas of Psychology such as experimental, industrial/organizational, social and developmental.		CE,	
*	PSY 212		Introduction to Learning	Studies animal and human conditioning. Includes signal, stimulus-response discrimination, chaining, verbal association, concept, rule and problem-solving.		LA,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	PSY 213		Brain, Mind & Behavior	Brain, Mind and Behavior Provides an overview of the brain's role in behavior. Emphasizes the neuro physiological properties relevant to psychological functions: sensation, perception, motivation, learning, emotion, activation, and motor responses. Includes extensive coverage of the anatomical and physiological aspects of the human nervous system. Prerequisite: PSY 201 or one year of biology.	3	PO,TB, LA,	OSU, PSU, UO,
*	PSY 214		Introduction to Personality	Covers personality theories. Includes an overview of the major schools within personality psychology and focuses on their contributions and usefulness in understanding human behavior. Incorporates activities which help students apply what they have learned about personality theory to their personal and professional lives.	3	PO,TB, CG,KL, LA,MH,	OSU, PSU, UO,
*	PSY 215		Human Development	Designed to survey the major principles of behavior and patterns of change in people over the life span. Revolves around the areas of development in physical, intellectual, social, personality and cross cultural diversity, for infants, children, adolescents, adults, and the elderly. College-level skills in reading and WR 115 are required.	3	PO,TB, CT,CG, CE,KL, LB,RO, MH,OC	OSU, PSU, UO,
*	PSY 216		Social Psychology	Examines how society effects human behavior, including persuasion, conformity, aggression, conflict, and interpersonal attraction. Applications to business, politics, environment, health, the legal system and human relations.	3	PO,CE, CT,CG, MH,LB,	OSU, PSU, UO,
*	PSY 218		Intro to Experimental Psych.	This course presents the basic principles of the modern scientific approach to the study of human behavior. It includes the study of the terminology, methods and values that support psychological research. The primary focus is on the understanding of common research designs and what conclusions can reasonably be drawn from the results of experiments using those designs. Students will have an opportunity to conduct experiments of their own design.	3	CL,	
*	PSY 219		Intro to Abnormal Psychology	Introduction to Abnormal Psychology Surveys the history, theories, diagnosis, etiology, and treatment of the major mental disorders. Prerequisites: PSY 201, PSY 202, or PSY 203.	3	CE,CT, CL,LB, RO,	
	PSY 220		Psychology: Applied	Covers individualized applications of the principles, concepts and methods of psychology to everyday life.	3	PO,BM, TV,TB, KL,	OSU, PSU, UO,
	PSY 222		Family & Intimate Relationship	Family & Intimate Relationships Explores processes involved in both traditional and non-traditional relationships and families; including love, dating and mating, parenting, communication and conflict resolution, work and family, family life stages, and divorce, remarriage and blended families.	3	PO,KL, MH,CG,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	PSY 231		Human Sexuality	Explores sexual issues from both an academic and a humanistic perspective. Topics include sex research, female and male sexual anatomy and physiology, gender issues, sexual response, sexual communication, sexual behavior patterns, love and sexual orientations.	3	PO,BM,TV, CT, CG,CL, LA,LB,MH, RO,	OSU, PSU, UO,
	PSY 232		Human Sexuality	Explores sexual issues from both an academic and a humanistic perspective. Includes sexuality through the life cycle (infancy through aging), sexual problems, increasing sexual satisfaction, contraception, conception, sexually transmitted diseases, sexual victimization, atypical sexual behavior, and sex for sale. Recommended: PSY 231.	3	PO,CG, MH,	OSU, PSU, UO,
*	PSY 235		Intro to Human Development I	Discusses theoretical perspectives, social, physiological and psychological forces that impact on the stages of development from conception to puberty.		PO,LA, LB,MH, CE,TV,	
	PSY 236		Intro to Human Development II	Human Development II is the psychological, social and physical development of adults. This course spans early, middle and late adulthood using various theoretical models and empirical observations. Open only to MH/HS majors	3	CE,TV, LA,LB, MH,	
	PSY 239		Intro to Abnormal Psychology	Introduction to Abnormal Psychology Surveys the history, theories, diagnosis, etiology, and treatment of the major mental disorders. Prerequisites: PSY 201, PSY 202, or PSY 203.	3	PO,CH,TB, TV, KL,CE, MH,LA,OC, SW,	OSU, PSU, UO,
	PSY 240		Interper Aware & Growth Tech	Interpersonal Awareness and Growth Techniques Designed to increase understanding and awareness of self, relationships with others, and the values and attitudes that underlie behavior in daily life. An intensive group experience for personal and enter personal growth.	3	PO,TB, CG,CL,	OSU, PSU, UO,
	PSY 280		CWE: Psychology	Cooperative Education: Psychology - Worksite Placement Extends knowledge of Psychology through work in settings which provide learning experiences supplementing classroom learning. Department permission required.	4	PO,TB, LB,RO, CL,	OSU, PSU, UO,
	PSY 298		Independent Study: Psychology	Advanced individualized study of psychology not considered in other courses to meet special interests or program requirements. Complete a term project and readings approved by the instructor. Recommended: prior study of psychology and instructor permission.	3	PO,TV, UM,BM,	OSU, PSU, UO,
	PSY 299		Current Issues in Psychology/ or Abnormal Psychology	Examine a psychological issue in light of current research and theory. Possible topics include drugs and behavior, sleep and dreams, trans-personal psychology, assertiveness training, rational emotive behavior change, the psychology of sex roles, the psychology of women, stress management or other topics of interest.	3	PO,UM,	OSU, PSU, TB,U O,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
RELIGION	R 101		Comparative Religions/ Intro to Religious Studies	The nature of myth and story, ancient religions, ideas of God, Judaism, and Introduction to religious topics. Meets the humanities & arts sequence requirements	3	CL, LB,	
	R 102		Comparative Religions	Covers written and oral sources, Christianity, Islam, and includes the history and philosophy of other Western religious developments.	3	CL, LB,	
	R 103		Comparative Religions	The history, ideas, and philosophy of the Eastern religions including Buddhism, Hinduism, and Taoism. Meets humanities & arts requirements	3	CL, LB,	
	R 201		World Religion	Surveys major religions of the world comparing histories, differences, and similarities. Prerequisite:	3	CT, LA, CH, UM, RO,	
	R 202		World Religion	A comprehensive sequence of study, covering the major religions of the world. Each religious system's core concepts are defined and discussed. A historical timeline is developed that describes key dates and historical figures in the development of each religion. A structural analysis will be developed for each of the world's major religions	3	LB, CT, UM,	
	R 203		World Religion	A comprehensive sequence of study, covering the major religions of the world. Each religious system's core concepts are defined and discussed. A historical timeline is developed that describes key dates and historical figures in the development of each religion. A structural analysis will be developed for each of the world's major religions	3	UM, CT,	
	R 203		American Religions	Focuses on the dominant religions of America, both contemporary and historical. Examines the dynamic relation between American history and American faith traditions	3	CH,	
	R 204		History of Christianity	Covers early development of Christianity post-apostolic to early Medieval period. Includes investigation of theological tenets of the developing church.	3	CL,	
	R 205		History of Christianity	Covers from Medieval to Reformation and examines reactions, effects and doctrinal development of the period. Includes life and teachings of Reformers.	3	CL,	
	R 206		History of Christianity	Focus of growth of Christianity in modern world. Includes current doctrinal interpretations, folk religions and cults	3	CL,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	R 207		Judaic Studies: Bible & Jews	Jewish history emphasizing the Bible as an historical source. Also the history of the Jewish revolt against Rome, the Talmudic Age, and the relationship of Christianity and Judaism.	3	CL,	
	R 208		Judaic Studies: The Holocaust	The persecution of European Jews in World War II. The course discusses the moral implications and political consequences of genocide.	3	CL,	
	R 210		World Religion	A survey of the major world religions, including a look at their founders and their theologies in terms of their views of God, Self, Society, Purposes of Life, and of tradition and ritual. Included are the great monotheisms, Christianity, Judaism, and Islam, and the primary Far Eastern religions of Hinduism and Buddhism. Some attention also is given to religious offshoots of the mainstream religions.	3	CL,MH,	
	R 211		Old Testament, Historical Background	This course is intended as a general survey of the historical antecedents of Old Testament events, of the significance of these events in terms of the progressive movement of Biblical structure, and of the basic meanings conveyed in the written words of Old Testaments authors. In this process the formation and faith of early Israel are examined with a view toward the Old Testament's perspective of history, and that of Messianic expectation. This is done in the context of the historical flow of the rise and fall of empires in the Ancient Near Eastern World.	3	CL,LB, MH,	
	R 212		New Testament, Historical Bankround	This course is intended as a general survey of the historical antecedents of New Testament events, of the significance of these events in terms of the progressive movement of Biblical structure, and of the relations between Old and New Testament writings. In this process, particular note will be made of the shaping of historical events of the intertestamental period, the New Testament perspective of redemptive history, and the contribution which knowledge of the original language (Greek) makes toward and understanding of the text. Included also will be a study of the important early monuments that conditioned the development of the Christian church, with an eye to the themes of covenant and promise.	3	LB,MH,	
	R 280		Religion / CWE	Cooperative Work Experience: provide the students with On-the-job work experience in the field of religion.	3	CL,	
	R 299		Special Studies	Special Studies in Religion	3	MH,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
SCIENCE				GENERAL SCIENCE			
		GS 105	Phys Sci (Chemistry)	Studies the fundamental concepts and principles of chemistry in the physical world. Examines the development and application of the scientific method. Prerequisite: GS104 or consent of instructor.	4	PO,CH,CL, TB, TV,UM, LA,LB,MH, OC, RO,	
		GS 106	Phys Sci (Geology)	Physical Science (Geology) Covers minerals, rocks, volcanism, earthquakes, plate tectonics, erosion and deposition by wind, glaciers and streams, on by wind, streams, weathering, fossils and geologic history.	4	PO,CH,LA, TB, TV,UM, CL,LB,RO, MH,OC,SW	OSU, PSU, UO,
		GS 107	Phys Sci (Astronomy)	Physical Science (Astronomy) Surveys astronomy to include historical development of the universe, earth as a planet, earth's moon, planets of the solar system, the sun, stars and galaxies.	4	PO,CH,LA, TB, TV,UM, CL,LB,RO, MH,OC,SW	OSU, PSU, UO,
		GS 108	Phys Sci (Oceanography)	Physical Science (Oceanography) Includes the chemical, biological, physical and geological nature of the oceans.	4	PO,TB,TV, UM, LB,RA, SW,	OSU, PSU, UO,
		GS 109	Phys Sci (Meteorology)	Physical Science (Meteorology) Covers characteristics of our atmosphere, air pressure and winds, atmospheric moisture, large air masses, violent storms, the effect of oceans on weather, and climates.	4	PO,TV,LA, UM,MH,CL, SW,	OSU, PSU, UO,
SCIENCE				BIOLOGY			
		BI 101	Biology	A laboratory science course designed for non-biology majors. Introductions to the properties of life, morphology and physiology of cells, cell chemistries, energy transformations, and the basic principles of ecology. Students should have a reading ASSET score of 45 or above.	4	PO,CE,BM, TB,SW,CG, CO,CL, LB, MH, CT,LB, LA,TV, CH	OSU, PSU, UO,
		BI 102	Biology	A laboratory science course designed for non-biology majors. The second term of a three-term sequence. Presents protein syntheses, cell divisions, animal reproduction, genetics, embryology and the basic doctrines of evolution. Prerequisite: BI 101.	4	PO,CE,BM, TB,SW,CG, CO,CL, LB, MH, CT,LB, LA,TV, CH	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		BI 103	Biology	A laboratory science course designed for non-biology majors. The last term of a three-term sequence. Presents the evolutionary relationships among the five kingdoms and their major phyla. The last half of this term covers human systems. Prerequisites: BI 101 and BI 102.	4	PO,CE,BM, TB,SW,CG, CO,CL, LB, MH, CT, LB, LA,TV, CH	OSU, PSU, UO,
		BI 104	Secret of Life	Emphasizes real world applications of the biological sciences with emphasis on recent advances in molecular biology, cancer, genetic diseases, genetic engineering, and the bio-ethical considerations of such developments.	4	PO,	OSU, PSU, UO,
*		BI 105	General Biology Laboratory	Lab for BI 102 for colleges using a separate lab format.			
*		BI 106	General Biology Laboratory	Lab for BI 103 for colleges using a separate lab format.			
		BI 121	Intro Human Anatomy/Phys I	Intro to Human Anatomy & Physiology I Surveys anatomical terminology, basic chemistry, cell structure and function, tissues, and the following systems: integumentary, skeletal, muscular, and nervous. Lecture discussions are complemented by laboratories which involve physiological exercises, dissections, microscopy, CD-ROM, computer simulation, interactive software and the World Wide Web. Prerequisites: ASSET scores of 40 in reading, 38 in writing	4	PO,CT,	OSU, PSU, UO,
		BI 122	Intro Human Anat/Phys II	Intro to Human Anatomy & Physiology II Surveys the endocrine, lymphatic, cardiovascular, digestive, respiratory, reproductive, urinary, and some coverage of human development, human genetics and immunology. Lecture discussions are complemented by laboratories which involve physiological exercises, dissections, microscopy, CD-ROM, computer simulation, interactive software and the World Wide Web. Prerequisite: BI 121.	4	PO,CT, TB,	OSU, PSU, UO,
		BI 141	Habitats: Life of the Forest	Examines the structure and function of Oregon forest ecosystems. Covers distribution and interactions of plants, animals, microorganisms, climate and basic geology. The laboratory emphasizes identification and environmental testing.	4	PO,	OSU, PSU, UO,
		BI 142	Habitats: Marine Biology	Examines the marine environment and the ecology, physiology, and morphology of marine plants and animals, emphasizing Oregon. The laboratory focuses on identification and environmental testing.	4	PO,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		BI 143	Habitats: Fresh Water Biology	Covers the environments of freshwater streams, lakes, and marshes. Includes effects of physical and chemical factors on organisms, along with the organisms, their biological interactions and nutrient cycles. Explores ecological factors of fresh water environments and the effects of human activities on them.	4	PO,CH,	OSU, PSU, UO,
		BI 160	Ecology/Field Biology:	This field trip experience is designed to introduce students to the relationships among plants, animals and the general geologic formation of various life zones.	1	CK,	PSU, UO,
		BI 161	Ecology/Field Biology:	Ecology/Field Biology: is designed to introduce the relationships among plants, animals and the general geologic formation of various life zones.	2	PO,	OSU, UO,
		BI 163	Organic Gardening	Develops knowledge in soils, plant anatomy, cultivars available in the Pacific Northwest, organic population control of pests, pruning and grafting. Introductory course that does not require prior science courses, but an interest in plants is helpful.	3	PO,CK,	OSU, PSU, UO,
		BI 170	Environmental Science	Examines major environmental questions facing the world today. Includes population growth, matter and energy resources, ecosystems, pollution, and environment and society. Explores a broad range of environmental issues--including sustainability, the interconnection of the economy with ecosystem, short-term versus long-term gains, and the trade-offs in balancing problems and solutions. Recommended: A working knowledge of the English language and a 10th grade reading level.	4	PO,TB,	OSU, PSU, UO,
		BI 198	Independent Study		1	CK,TV,UM,	
		BI 199	Special Topics:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			
		BI 200	Prin. of Ecology: Field Biology	Principles of Ecology: Field Biology Introduction to concepts of ecology through the International Education Program of PCC. Study will include a lecture component covering the concepts of ecology and diversity of life and an international field component surveying the plants and animals and their interaction with the environment. Prerequisites: BI 101, BI 102, BI 103.	4	OC,	
		BI 211	Principles of Biology	First part of a three term sequence for students majoring in biology and the sciences, including pre-medical, pre-dental, chiropractic, pharmacy, and related fields. Includes introduction to science, biochemistry, metabolism, the cell, molecular biology, and reproduction. Recommended: High school biology and chemistry in the past seven years. Prerequisites: ASSET scores of 45 in reading and 45 in writing, or completion of WR 115; ASSET scores of 46 in	5	PO,CE,BM, CK,TV,UM,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		BI 212	Principles of Biology	Second part of a three term sequence designed for students majoring in biology and the sciences, including pre-medical, pre-dental, chiropractic, pharmacy, and related fields. Includes life cycles, reproduction, molecular biology, modern and classical genetics, evolution, diversity, and systematics. Prerequisite: BI 211.	5	PO,BM, CE,CL, TV,UM, CO,CT,	
		BI 213	Principles of Biology	Third part of a three term sequence for students majoring in biology and the sciences, including pre-medical, pre-dental, chiropractic, pharmacy, and related fields. Includes plant and animal anatomy and physiology, and individual, population, community, and ecosystem ecology. Prerequisite: BI 212.	5	PO,CE, BM,CK, TV,UM, CO,	OSU, PSU, UO,
		BI 222	Human Genetics	Lecture/discussion presentation of the fundamentals of human genetics. Includes the physical basis of inheritance, the mechanics of inheritance, probability, sex chromosomal abnormalities, autosomal anomalies, gene structure and function, molecular genetics, behavioral genetics, twinning and contemporary issues in human genetics. Prerequisites: ASSET scores of 45 in reading, 45 in writing	3	PO,CE,TB,	OSU, PSU, UO,
*		BI 231	Human Anatomy & Physiology I	First term of a three-term sequence covering: chemistry, cells, tissues; the skin, skeletal, and muscular systems; and nervous tissue. Lecture discussions will be complemented by laboratories that involve microscopy, animal dissection, physiological exercises and computer work. Prerequisite: BI 101 or CH 100; Assets Reading score of 45, WR 45 or WR 115 or higher.	4	PO,CE, BM,CL, TB,TV, UM,SW, MH,CT, CG,	OSU, PSU, UO,
*		BI 232	Human Anatomy & Physiology II	Second term of a three-term sequence. Courses may not be taken out of sequence. Covers nervous, endocrine, cardiovascular and immune systems. Lecture discussions will be complemented by laboratories involving microscopy, animal dissection, physiological exercises and computer work such as CD-ROM-based exercises. Prerequisite: BI 231.	4	PO,CE,BM, CL, TB,TV, UM,SW, MH,CT, CG,	OSU, PSU, UO,
*		BI 233	Human Anatomy & Physiology III	Third term of a three-term sequence. Courses may not be taken out of sequence. Covers digestive, respiratory, urinary and reproductive systems; metabolism fluid and electrolyte balance; embryology and genetics. Lecture discussions will be complemented by laboratories involving microscopy, animal dissection, physiological exercises and computer work such as CD-ROM-based exercises.	4	PO,CE, BM,CL, TB,TV, UM,SW, MH,CT, CG,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*		BI 234	Microbiology	Lecture, recitation, and laboratory cover: bacterial genetic recombination; bacterial, viral, and parasitic relationships with human health and disease; immune system and allergy; water and sewage treatment; soil microbes; and microbiology of foods .Laboratory stresses aseptic technique, bacterial identification and physiology using a variety of media, culturing techniques, and staining techniques. Prerequisites: BI 101; ASSET scores: Reading 45 and writing	5	PO,CE, BM,CL, TB,TV, UM,SW, MH,CT, CG,	OSU, PSU, UO,
		BI 235	Microbiology	Lecture and laboratory covers: bacterial genetic recombination; bacterial, viral, and parasitic relationships with human health and disease; immune system and allergy; water and sewage treatment; soil microbes; and microbiology of foods. Laboratory stresses aseptic technique, and bacterial identification and physiology using a variety of media, culturing techniques, and staining techniques. Prerequisites: BI 101; ASSET scores: Reading 45 and writing 45; or completion of WR 115 with a "C" or better	4	PO,TV, RA,	OSU, PSU, UO,
		BI 237	Medical/Environmental Microbiology	Medical & Environmental Microbiology Highlights the medical and environmental aspects of microbiology with an emphasis on immunity, epidemiology, emergent diseases, and soils, water quality and modern food microbiology. Prerequisite: BI 234 or BI 235.	4	PO,	
		BI 241	Pathophysiology	Lecture/discussion presentation of congenital and genetic diseases, neoplasia, fluid and electrolyte imbalances, and diseases of the integumentary, muscular, skeletal, nervous, cardiovascular, immune, respiratory, endocrine and reproductive systems. Prerequisites: BI 231, 232, 233, and 234 or 235.	3	PO,	OSU, PSU, UO,
		BI 280	CE: Biology - Seminar	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .	2	PO,TB, RA,LB, CL	OSU,
		BI 298	Independent Study	Independent Study			
		BI 299	Special Topics:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
SCIENCE				CHEMISTRY			
		CH 100	Fundamentals for Chemistry	Covers selected basic chemical principles and computational problems found in first-year, 100-level chemistry courses. For students who have no chemical background and those with minimal problem solving skills. Recommended: Algebra I and II, or equivalent. Students who have completed or are concurrently enrolled in MTH 95 should consider enrolling in CH 104.	4	PO,TV,UM,	OSU, PSU, UO,
		CH 101	Inorganic Chemistry Principles	Survey of inorganic chemistry with an emphasis on solution chemistry. Designed for Allied Health students.	5	PO,TV,UM,	OSU, PSU, UO,
		CH 102	Organic Chemistry Principles	Covers basic organic and bio-chemistry. Designed for Allied Health students.	5	PO,TV,UM,	OSU, PSU, UO,
*		CH 104	General Chemistry	Includes general principles of chemistry, including atomic structure, mole concept, chemical reactions, stoichiometry, and gas laws. Designed for students in a health science curriculum leading to a Baccalaureate degree or liberal arts students who need a laboratory science elective. Credit for, or concurrent enrollment in MTH 95, or equivalent required.	5	PO,CE,CH, BM,CL,TB, UM, RA,	OSU, PSU, UO,
*		CH 105	General Chemistry	Includes stoichiometry, gases, oxidation-reduction, acid-base concepts, equilibrium, physical and chemical properties of solutions, and nuclear chemistry. Prerequisite: CH 104.	5	PO,CE,CH, BM,CL,TB, UM, RA,	OSU, PSU, UO,
*		CH 106	General Chemistry	Includes fundamental principles of organic chemistry and biochemical processes. Prerequisite: CH 105.	5	PO,CE,BM, CL,TB,TV, UM,RA, LB,CG,	OSU, PSU, UO,
*		CH 107	Chemistry Laboratory	Covers general, organic and biochemistry. Primarily designed for students in nursing, in allied health fields such as dental hygiene, and in the liberal arts.			
*		CH 108	Intro to Chemistry Lab	Laboratory to accompany 104, 105, 106.			
*		CH 109	Intro to Chemistry Lab	Laboratory to accompany 104, 105, 106.			
*		CH 112	Intro to General Chemistry	A first-year chemistry for students with less extensive chemistry math backgrounds.			
*		CH 113	Intro to General Chemistry	A first-year chemistry for students with less extensive chemistry math backgrounds.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*		CH 121	College Chemistry	A chemistry course designed for liberal arts and science majors with less extensive chemistry and math backgrounds. (A unique name was not agreed on for this course. The name was left open for each campus to choose.	4	CH,BM,	
*		CH 122	College Chemistry	A chemistry course designed for liberal arts and science majors with less extensive chemistry and math backgrounds. (A unique name was not agreed on for this course. The name was left open for each campus to choose.	5	BM,	
*		CH 123	College Chemistry	A chemistry course designed for liberal arts and science majors with less extensive chemistry and math backgrounds. (A unique name was not agreed on for this course. The name was left open for each campus to choose.	5	BM,	
*		CH 150	Preparatory Chemistry	A one-term course designed for science majors with less extensive chemistry and math backgrounds. No lab.	3	CL,LB,	
*		CH 151	Preparatory Chemistry	A one-term course designed for science majors with less extensive chemistry and math backgrounds. Has lab.	4	MH,	
*		CH 160	Physical Science	An integrated survey of fundamental principles of physics and chemistry. The course is designed for students majoring in fields other than chemistry, physics or geology who wish a broad view of the principles of several physical sciences. No prior experience in the physical sciences needed. Because of the integrated nature of the subject material, it is necessary that students take the courses in sequence. Elementary algebra is used in these courses.			
*		CH 161	Physical Science	An integrated survey of fundamental principles of physics and chemistry. The course is designed for students majoring in fields other than chemistry, physics or geology who wish a broad view of the principles of several physical sciences. No prior experience in the physical sciences needed. Because of the integrated nature of the subject material, it is necessary that students take the courses in sequence. Elementary algebra is used in these courses.			
*		CH 167	Physical Science Lab	Laboratory to accompany CHEM 160			
*		CH 168	Physical Science Lab	Laboratory to accompany CHEM 161			
*		CH 170	Fundamentals of Enviro-Chem	Course for liberal arts students. Designed to increase the scientific knowledge of the non-science major, especially in the area of environmental pollution. The interaction between science and society. The nature of atoms, chemical reactions, and radioactivity.	4	MH,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		CH 199	Special Topics	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			
*		CH 201	General Chemistry	Includes the basic concepts of atomic theory and bonding, periodic law, and kinetic-molecular theory. Designed for engineering majors. High school chemistry and MTH 95 or their equivalent required.	4	PO,CH, TV,UM,	OSU, PSU, UO,
*		CH 202	General Chemistry	Includes stoichiometry, solutions, colloids, acid-base theories, redox reactions, and organic chemistry. Designed for engineering majors. Prerequisite: CH 201.	4	PO,CH, TV,UM,	OSU, PSU, UO,
*		CH 203	General Chemistry	Includes energy kinetics, thermodynamics, equilibrium, nuclear chemistry, metals and non-metals, and other topics as time allows. Designed for engineering majors. Prerequisite: CH 202.	4	PO,CH, TV,UM,	OSU, PSU, UO,
		CH 211	Introduction to Biochemistry	Introduces the chemistry of biological systems. Principal topics covered are: the structure and function of biological molecules, the chemistry of heredity, metabolism, and biological energy. CH 106 or 200-level organic chemistry required.	4	PO,TV,	OSU, PSU, UO,
*		CH 221	General Chemistry	Includes fundamentals of chemistry, atomic structure, chemical bonding, nomenclature, physical states of matter, properties of gases, and chemical equations. Recommended for chemistry and other laboratory science majors, pre-professional majors in engineering, medicine, and dentistry. High school chemistry and MTH 95, or their equivalent required.	5	PO,CE, CH,BM, CL,UM, RO,	OSU, PSU, UO,
*		CH 222	General Chemistry	Includes chemical stoichiometry, acid and base solutions, oxidation-reduction, chemical kinetics, and thermodynamics. Prerequisite: CH 221.	5	PO,CE,CH, BM,CL,UM, RO,	OSU, PSU, UO,
*		CH 223	General Chemistry	Includes chemical kinetics, ionic equilibria, nuclear chemistry, thermodynamics, and descriptive chemistry topics. Prerequisite: CH 222.	5	PO,CE,CH, BM,CL,UM, RO,	OSU, PSU, UO,
*		CH 224	University Chemistry	First year chemistry for students with strong backgrounds in high school chemistry and mathematics			
*		CH 224H	Honors General Chemistry	Designed as an honors course.			
*		CH 225	University Chemistry	First year chemistry for students with strong backgrounds in high school chemistry and mathematics			
*		CH 225H	Honors General Chemistry	Designed as an honors course.			
*		CH 226	University Chemistry	First year chemistry for students with strong backgrounds in high school chemistry and mathematics			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*		CH 226H	Honors General Chemistry	Designed as an honors course.			
*		CH 227	General Chemistry Lab	Laboratory to accompany CH 201, CH 221 and CH 224			
*		CH 228	General Chemistry Lab	Laboratory to accompany CH 202, CH222 and CH 225			
*		CH 229	General Chemistry Lab	Laboratory to accompany CH 203, CH 223 and CH226			
*		CH 237	Advanced Gen. Chem. Lab.	Laboratory to accompany CH 224 H.			
*		CH 238	Quantitative Analysis	Lab to accompany CH 225 H.			
*		CH 239	Quantitative Analysis	Lab to accompany CH 226 H.			
*		CH 241	Organic Chemistry	Includes the fundamentals of organic chemistry, bonding, hydrocarbons, alkyl halides, alcohols, nucleophilic and radical reactions, stereochemistry, and spectroscopy. Recommended for chemistry and other laboratory science majors, and pre-professional students (medical, dental, pharmacy, physical therapy, veterinary, chiropractic, etc.) CH 106, CH 223, or equivalent required.	5	PO,CE, CH,BM, CL,UM, SW	OSU, PSU, UO,
*		CH 242	Organic Chemistry	Includes conjugation, aromaticity, arene chemistry, aldehydes, ketones and spectroscopy. Prerequisite: CH 241.	5	PO,CE,CH, BM,CL,UM, SW,	OSU, PSU, UO,
*		CH 243	Organic Chemistry	Includes carboxylic acids, amines, carbohydrates, amino acids, proteins, lipids, nucleic acids, heterocyclic compounds, spectroscopy and selected topics. Prerequisite: CH 242.	5	PO,CE,CH, BM,CL,UM, SW,	OSU, PSU, UO,
		CH 280	CWE:/ Chemistry	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
		CH 298	Independent Study:	Advanced, individualized study in areas not considered in other courses to meet special interests or program requirements. Complete a term project approved by the instructor. Recommended: prior study, and instructor permission.			
		CH 299	Special Topics:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
SCIENCE				ENVIRONMENTAL STUDIES			
				Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
		ESR 150	Environ Studies Orientation	Environmental Studies Orientation Serves to orient students to environmental information available through campus library and computer resources. Uses assignments aimed at gathering and summarizing information on academic preparation of environmental professionals.	1	PO,	
		ESR 160	Intro to Environmental Studies	Intro to Environmental Systems Introduces the structure and function of terrestrial, aquatic and atmospheric systems, including the human actions that affect them. Includes lab sections that introduce basic quantitative techniques for collecting and analyzing data from environmental systems. Prerequisite: ESR 150 (may be taken concurrently).	4	PO,	
		ESR 171	Environ Science: Bio Perspect	Environmental Science: Biological Perspectives Develop an understanding of environmental topics that are primarily biological in nature. Includes human population issues, matter and energy resources, ecosystems, environmental ethics, and food and land resources. The associated laboratories will illustrate these topics.	4	CG, PO,CH	
		ESR 172	Environ Science: Chem Perspectives	Environmental Science: Chemical Perspectives Develop an understanding of environmental topics that are primarily chemical in nature. Includes air pollution, global warming, toxicology, risk assessment, water pollution, and hazardous waste. The associated laboratories will illustrate these topics.	4	CG,PO, CL,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		ESR 173	Environ Science: Geolog Perspectives	Environmental Science: Geological Perspectives Develop an understanding of environmental topics that are primarily geological in nature. Includes geology basics, soil resources, hydrogeology, nonrenewable mineral and energy resources, perpetual energy resources, and solid waste. The associated laboratories will illustrate these topics.	4	CG,PO, CL,	
		ESR 201	Applied Environ Studies:	Applied Environmental Studies: Science/Policy Consideration Introduces environmental laws and the regulations promulgated under them. Includes examinations of the genesis of these laws (eg. NEPAA, Clean Air and Water Acts, RCRA, Endangered Species Act) and their history of compliance and violation. Prerequisite: ESR 160.	4	PO,	
		ESR 202	Applied Environ Studies:	Applied Environmental Studies: Prep for Problem Solving Includes environmental sampling, sampling design, and measurement in relation to the field experience. Prerequisite: ESR 160.	4	PO,	
		ESR 203	Applied Environ Studies:	Applied Environmental Studies: Project Uses project work involving work with an environmental agency, industry, service or research organization. Prerequisite: ESR 202.	4		
		ESR 280	Cooperative Work Experience:	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
		ESR 298	Special Topics: Environmental Science	Special Topics: Environmental Science Covers special topics, activities or projects in an area of environmental science not usually covered in depth in other environmental science courses.	4		
		ESR 299	Wetlands Ecology & Regulations	Wetlands Ecology and Regulation Introduce and discuss the definition of a wetland; characteristics of wetland systems; the principles of wetland ecology; the functions of wetlands; and regulations and permitting process regarding development near and within wetlands.	4		

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
SCIENCE				GEOLOGY			
		G 101	Into to Geology		4	LB,RO,	
		G 102	General Geology		4	LB,RO,	
		G 145	Geology of the Pacific North West		4	PO,UM, CL,SW,	
		G 199		Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			
		G 201	Physical Geology	Introduces physical geology which deals with minerals, rocks, internal structure of the earth and plate tectonics.	4	PO,CE, CH,BM, TV,UM, CG, SW	OSU, PSU, UO,
		G 202	Physical Geology	Introduces physical geology which deals with mass wasting, streams, glaciers, deserts, beaches, groundwater, and use of topographic maps.	4	PO,CE, CH,BM, TV,UM, CO, SW,	OSU, PSU, UO,
		G 203	Historical Geology	Introduces historical geology which deals with geologic time, fossils, stratigraphic principles, and the geologic history of the North American continent.	4	PO,CE, CH,BM, TV,UM, LA,CG, MH,CL, SW,	OSU, PSU, UO,
*		G 204	General Geology	Laboratory work to accompany G 201 involving basic geologic principles and processes emphasizing rocks, minerals, fossils, topographic and geologic maps. One 2-hour laboratory period. Prerequisite: concurrent enrollment in G 201.			
*		G 205	General Geology Lab	Laboratory work to accompany G 202 involving basic geologic principles and processes emphasizing rocks, minerals, fossils, topographic and geologic maps. Prerequisite: concurrent enrollment in G 202.		CL,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*		G 206	General Geology Lab	Laboratory work to accompany G 203 involving basic geologic principles and processes emphasizing rocks, minerals, fossils, topographic and geologic maps. Prerequisite: concurrent enrollment in G 203.			
		G 207	Geology of the Pacific N.W.	Geology of the Pacific Northwest Introduces the regional geology of the Pacific Northwest with emphasis on Oregon geology. Includes basic geologic principles, earth materials and geology of Pacific Northwest provinces.	3	PO,SW,	OSU, PSU, UO,
		G 208	Volcanoes and Their Activity	Covers the origin, activity, products, classification and hazards of volcanoes.	3	PO,CG,	OSU, PSU, UO,
		G 209	Earthquakes	Earthquakes Covers the nature and origin of earthquakes, the characteristics of seismic waves, how earthquakes are measured, the hazards of earthquakes and the historical and geological record of earthquakes.	3	UM,PO,	
		G 280	Cooperative Work Experience:	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
		G 291	Elements of Rocks and Minerals	Introduces the study of rocks and minerals that includes their classification, origin and identification. Recommended for persons interested in rock and mineral collecting, mining and prospecting.	4	PO,CE,	OSU, PSU, UO,
		G 298	Ind Study: Geology	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.	2	SW,UM,	
		G 299	Geological Hazards		3	SW,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
SCIENCE				PHYSICS			
		PH 101	Fundamentals of Physics	A conceptual study of physics. Includes the study of motion, vectors, force, energy, heat, and electricity.	4	LA.,BM, PO,	OSU, PSU, UO,
		PH 102	Fundamentals of Physics	A conceptual study of physics. Includes the study of motion, vectors, force, energy, heat, and electricity.	4	LA.,BM, PO,	
		PH 103	Fundamentals of Physics	A conceptual study of physics. Includes the study of motion, vectors, force, energy, heat, and electricity.	4	LA.,BM, PO,	
		PH 199		Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			
		PHY 201	General Physics	Introductory physics (algebra-based) for science majors, pre-medical, pre-dental, pre-chiropractic, and pre-physical therapy students. Topics include mechanics including static's, forces and motion energy, collisions, circular motion and rotational dynamics. prerequisite: MTH 222	5	PO,SW,CL, CE,UM,BM, LA,MH,LB, RO, KL,CT, CO,TV,	OSU, PSU, UO,
		PHY 202	General Physics	Topics include mechanical properties of matter, heat, waves sound and light. Algebra-based physics. Prerequisite: PHY 201	5	PO,SW,CL, CE,UM,BM, LA,MH,LB, RO, KL,CT, CO,TV,	OSU, PSU, UO,
		PHY 203	General Physics (Calculus based)	Topics include electricity, magnetism and radioactivity. Algebra based physics. Prerequisite: PHY202	5	PO,SW,CL, CE,UM,BM, LA,MH,LB, RO, KL,CT, CO,TV,	OSU, PSU, UO,
*		PHY 204	General Physics	General Physics Laboratory. Optional separate course numbers for general physics laboratory.			
*		PHY 205	General Physics	General Physics Laboratory. Optional separate course numbers for general physics laboratory.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*		PHY 206	General Physics	General Physics Laboratory. Optional separate course numbers for general physics laboratory.			
		PHY 211	General Physics (calculus Based)	Topics include concepts in mechanics and their relationship to practical applications for science and engineering majors. Prerequisites: MTH 251 and MTH 252 . MTH 252 can be taken concurrently with PHY 211	5	PO,SW,CL,C E,UM,BM, LA,MH,LB,R O, KL,CT, CO,TV,	OSU, PSU, UO,
		PHY 212	General Physics (Calculus)	Topics include concepts in fluid mechanics, waves, thermodynamics and optics. Prerequisites: PHY211, MTH251, MTH252.	5	PO,	OSU, PSU, UO,
		PHY 213	General Physics (Calculus Based)	Topics include concepts in electromagnetism together with their relationship to practical applications. Prerequisites: PHY 211, MTH 251, MTH 252	5	PO,SW,CL, CE,UM,BM, LA,MH,LB, RO, KL,CT, CO,TV,	OSU, PSU, UO,
*		PHY 214	General Physics Lab	General Physics Laboratory. Optional separate course numbers for general physics laboratory.			
*		PHY 215	General Physics Lab	General Physics Laboratory. Optional separate course numbers for general physics laboratory.			
*		PHY 216	General Physics Lab	General Physics Laboratory. Optional separate course numbers for general physics laboratory.			
		PHY 280	Cooperative Work Experience:	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .			
		PHY 298	Independent Study:	Advanced, individualized study in areas not considered in other courses to meet special interests or program requirements. Complete a term project approved by the instructor. Recommended: prior study, and instructor permission.			
		PHY299	Special Topics:	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.			

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
SCIENCE				ASTRONOMY			
	GS 101		Survey of Astronomy	A non-lab course offered via television. Topics covered are the same as those in GS 107.	3	PO,TV,UM,	OSU,PSU, UO,
		PHY 121	Elementary Astronomy	Discusses the history of astronomy, the earth and its moon, and the other planets in our solar system, along with asteroids, meteors, and comets.	4	PO,	OSU,PSU, UO,
		PHY 122	Elementary Astronomy	Discusses the properties of our sun and other stars, stellar evolution, and relativity.	4	PO,	OSU,PSU, UO,
		PHY 123	Elementary Astronomy	Discusses star clusters, the properties of our own galaxy and the other galaxies, and cosmology. Prerequisite: PHY 122.	4	PO,	OSU,PSU, UO,
		PHY 196	Observational Astronomy	Designed to teach use of telescopes and binoculars in conjunction with star atlases and catalogs in locating and identifying astronomical objects in night skies. An introduction to clock drives, astrophotography, and photoelectric photometry will be provided. Prerequisite: PHY 123.	1		
SCIENCE				ZOOLOGY			
	Z 201		General Zoology	An introductory study of the major unifying principles and concepts of biology as applied to the study of animals. Includes the chemical basis of life, cell biology, theories about the origin of life, evolution, and genetics.	4	CH,CL,	
	Z 202		General Zoology		4	CH,LA,	
	Z 203		General Zoology		4	CH,LA,	
	Z 280		CWE / Zoology	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .	4	LA,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
SOCIOLOGY							
	SOC 199		Sociology: an overview	A basic introduction to sociology that encourages an appreciation and understanding of the scientific study of human social behavior. The course surveys the general principles of socialization, human behavior in groups, organizations, and the social structure of our society.	3	LA,	
*	SOC 204		Gen Soc: Soc in Everyday Life	General Sociology: Sociology in Everyday Life Introduces the sociological frame of reference which focuses on sociology as a science and examines concepts related to human social behavior such as social structure, culture, socialization, sex roles, statuses, roles, groups, organizations, social stratifications and racial and ethnic relations.	3	PO,CH,BM,	OSU, PSU, UO,
	SOC 205		Soc Change/Social Institutions	General Sociology: Social Change & Social Institutions Explores various social institutions (family, economy, polity, and religion) from a social change perspective. Various theories of social organization and social change are compared and contrasted.	3	PO,CH,BM, TB,TV,UM,	OSU, PSU, UO,
	SOC 206		Gen Soc: Social Prob - Conform	General Sociology: Social Problems-Conformity and Deviance Applies the sociological frame of reference to the study of social problems, their identification, analysis of causes and possible solutions. Problems explored may include mental disorders, drug and alcohol addiction, crime and delinquency, group discrimination, inequality, poverty, alienation, domestic and international violence, environment and energy.	3	PO,CH,BM, TB,TV,UM,	OSU, PSU, UO,
*	SOC 210		Marriage, Family,Int. Relations	Topics include romantic love, sexual patterns, courtship and dating, intimate relationships, happiness and tension and conflict in relationships, separation, divorces, widowhood, remarriages, family systems in other cultures, family system in America, minority family patterns, current changes, and prospects for the future. Presents sociological descriptions and explanations of these topics and also guides students into way of coping better in their own relationships.	3	CH,CT, SW,TV, LA,OC,	
*	SOC 211		Peace and Conflict/ Social Deviance & Control	Explores the causes and manifestations of violence in actions involving oneself, society, one's nation, and the global community. Alternatives to oppressive behavior, undemocratic institutions, and the violent resolution of conflict are considered.	3	BM,UM, PO,LB, RO,LA,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	SOC 212		Social Control	Describes and analysis types of social controls (such as imprisonment, coercion, isolations, value training); describes the effects of controls for controller and controlee; the problems of rehabilitation and resocialization.			
	SOC 213		Gen.Soc. Diversity in America	General Sociology: Diversity in America Examines a variety of topics such as race and ethnicity, gender, age, sexual orientation, social class, and related issues and concepts from a number of sociological perspectives. There are no prerequisites for this course, but it is strongly recommended that the student have taken SOC 204 and 205 or their equivalent before taking this course.	3	PO,BM, UM,CT, SW,MH, RO,	OSU, PSU, UO,
	SOC 215		Social Issues and Movements	Global Studies: Social Issues and Movements Explores social issues and movements from a global perspective. Examines the impact of social change and cultural contact on individuals and social structure and focuses on organized social responses to social problems, utilizing a multicultural, multidisciplinary approach.	3	PO,	
	SOC 216		Soc Issues/Move: The Amer Male	Social Issues and Movements: The American Male The masculine role in contemporary America using the sociological perspective. Introduces the male socialization process and the affects on his relationship with work, women, children and other men.	3		
	SOC 218		Sociology of Gender	Focuses on how socialization is affected by gender. Topics include how gender is reflected in culture through values, norms, language, media, power, violence, various theoretical approaches, significant social institutions, social movements and issues. SOC 204, 205, or instructor permission recommended.	3	PO,KL,	OSU, PSU, UO,
	SOC 219		Religion/Culture Social Dimens	Religion & Culture: Social Dimensions Explores the relationship between culture, social structure, and religion, through a comparative and cross-cultural examination of religious beliefs, practices, and organization.	3	CG,PO,	
	SOC 223		Sociology of Aging	Social Gerontology/Sociology of Aging Explores the impact of social and socio cultural conditions on the process of aging and the social consequences of this process. Also explores the aging process through a life-course perspective and adopts a social problems approach to aging and related issues. Recommended prerequisite: SOC 204 or 205, or instructor permission.	3	PO,BM, MH,CL,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*	SOC 225		Social Problems	An examination of selected social problems-basic facts, effects on the individual and society, and explanations. Problems will be selected from the following three areas, but not all topics will be covered each term: (1) System Problems: racial and sexual discrimination, inequality and poverty, militarization and war, ecological problems, overpopulation, urban and rural problems, life cycle problems. (2) Problems of Specific Institutions: government, economy, family, education, religion, social services. (3) Personal pathologies: mental illness, suicide, alcoholism, drug addiction.	3	CT,LA, MH,RO,	
	SOC 228		Intro Environmental Sociology	Introduction to Environmental Sociology Examines the relationship between society and the environment. The industrialization of society and our increasing demand for natural resources has significantly impacted the earth's ability to meet the needs of humanity and other species. Explores the causes and consequences of such topics as population, consumption, development, pollution, public policy, and environmental justice.	3	PO,	
	SOC 230		Intro to Gerontology	Introduction to Gerontology Introduces the current theories, policies, and practices in gerontology and professional opportunities in the field. Addresses the concerns of practitioners and focuses on service delivery and policy directions. Recommended prerequisite: SOC 204 or 205, or instructor permission.	3	PO,	
	SOC 231		Sociology of Health & Aging	Provides an introduction to age related health issues in social and cultural context. Topics include the social structuring of age, health and illness; demographics and patterns of health and illness of older adults; issues related to medical and healthcare services; health and long-term care policy and programs.	3	PO,	
	SOC 232		Death & Dying: Cult & Issues	Death and Dying: Culture and Issues Introduces the student to the institution of death in the United States. From a sociological frame of reference, the student will study death as a system for dealing with the social processes of dying, death, and bereavement. SOC 204, 205, or instructor permission recommended.	3	PO,MH, CG,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	SOC 233		Intro to Dying & Bereavement	Introduction to Dying and Bereavement Introduces social structures, social relationships and cultural patterns related to dying and bereavement.	1		UO,
	SOC 240		Sociology of Work & Leisure	Sociology of Work & Leisure: Problems and Prospects Explores problems and potentials of work and leisure in the culture. The following topics may be examined: meaningful career choices, satisfactions and dissatisfactions associated with work, the work ethic and its implications, the changing nature of work, the life course and problems with leisure, the question of a leisure ethic and affirmative decision-making and balance in work and leisure.	3	PO,	OSU, PSU, UO,
	SOC 243		Narcotics & Dangerous Drugs	Discusses drug problems in society including history of drug use, causes of addiction, identification of illegal drugs. Studies the criminal law as a use factor.	3	SW,BM, RO,	
	SOC 280		CWE: Sociology	Cooperative Education: Sociology Extend knowledge of sociology through work and/or volunteer time spent in settings that provide learning experiences. Instructor permission required.	3	PO,LB, RO,UM,	OSU, PSU, UO,
	SOC 298		Independent Study: Sociology	Advanced, individualized study of areas of sociology not considered in other courses to meet special interests or program requirements. Includes a term project and readings approved by the instructor. Instructor permission required. Recommended: prior study of sociology.	3	PO,TV, UM,	OSU, PSU, UO,
	SOC 299		Special Studies	Special topics, activities, or projects in an area of sociology not usually covered in depth in other sociology courses. Recommended: prior study in sociology and instructor permission.	3	PO,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
SPEECH, READING, VOCABULARY *		SP 100	Intro to Speech Communication	Introduction to Speech Communication Covers complexities of the communication process. Includes insights into the causes and effects of general communication behaviors, involvement in active exploration of basic communication theories and concepts, and opportunities to develop communication strengths.	3	PO,CH,BM,CL, TB,LA, MH,OC,RO,CG	OSU, PSU, UO,
		SP 101	Oral Communication Skills	Improve listening and speaking skills. Includes oral reports, conference procedures and everyday conversation.	3	PO,	OSU, UO,
		SP 105	Listening	Analyzes listening behavior. Emphasizes developing an understanding and appreciation of listening as a vital element in the communication process. Includes theory and individual skill development.	3	PO,LA,	OSU, PSU, UO,
		SP 110	Fund of Voice & Articulation	Fundamentals of Voice and Articulation Voice production and articulation of speech sounds. Focuses on elementary speech physiology and phonetics. Includes practice in perception and production of American speech and greater competency using standard English.	3	PO,TV,	OSU, PSU, UO,
*		SP 111	Fundamentals of Speech	Prepare and present original speeches with emphasis on organization and outlining. Present informative, persuasive and other types of speeches. Prerequisite: Current enrollment in or satisfactory completion of WR 121.	3	PO,CH, BM,CL, TB,TV, UM,KL,	OSU, PSU, UO,
*		SP 112	Fund Speech: Persuasive Speak	Fundamentals of Speech: Persuasive Speaking Reasoning as related to oral discourse. Emphasizes analysis, reasoning and evidence in the applied sense. Prerequisite: SP 111, or department permission.	3	PO,CH, BM,CL, TB,TV, UM,	OSU, PSU, UO,
		SP 113	Fund Speech: Argument/Debate	Fundamentals of Speech: Argument and Debate Principles of argumentation. Focuses on application of critical reasoning to decision making and debate. Prerequisite: SP 111.	3	PO,CH, BM,TB, TV,UM,	OSU, UO,
*		SP 114	Argument & Critical Discourse	An introduction to argumentation as a part of human interaction and investigation. The course emphasizes the processes by which people give reasons to gain adherence and to justify beliefs and actions.	3		

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
*		SP 115	Intro to Intercultural Comm.	Introduction to Intercultural Communication Explores the nature and impact of different cultures on communication. Includes interactive relationship forms as the basis for global understanding in the classroom, business or travel. Focus on processing messages with accelerating changes in political, economic and immigration patterns through individual cultural perceptions. Understand and communicate with people who are "different."	3	BM,CL, CO,CH, LA,MH, RO,	
		SP 130	Bus & Professional Speech Comm.	Business and Professional Speech Communication: Communication as it relates to business and professional settings. Readings and discussions focus on the climate and settings, philosophies and practices of organizational communication and use of visual aids in briefings and presentations.	3	PO,CH, CL,LA,	OSU, PSU, UO,
		SP 140	Intro to Intercultural Comm.	Study of the basic principles of face-to-face interaction in cross-cultural and cross-ethnic situations with emphasis on developing skills of intercultural communication, perception and adaptation.	3	PO,UM,	OSU, PSU, UO,
		SP 199	Special Studies / Speech	Special Studies: Speech Communication Focuses on selected topics in the area of Speech Communication which are not regularly offered by the Department. SP 100 recommended.	3	MH,	
		SP 212	Voice & Diction	Voice and Diction Voice production and articulation of speech sound, with attention to elementary speech physiology and phonetics. Develops more effective speech for teachers, radio and television speakers, public speakers and others who require special competence in speaking.	3	PO,CL, LB,MH, LA,	OSU, PSU, UO,
		SP 214	Interpersonal Communication Process & Theory	Interpersonal Communication: Process and Theory Covers interpersonal communication beyond introductory communication. Improves personal communication effectiveness through structured experiences and theory analysis. SP 100 recommended.	3	PO,TB,	OSU, PSU, UO,
		SP 215	Sm Group Communication Process & Theory	Small Group Communication: Process and Theory Problem solving aspects of small group activities. Includes process and task, leadership, verbal and non-verbal messages in the small group, norms and roles, conflict reduction, and decision making. Focuses on theory and practice. SP 100 recommended.	3	PO,CG, MH,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		SP 217	Theories of Persuasion	Theories of Persuasion Crucial factors involved in the process of persuasion. Examines audience psychology and communication strategies that enhance speaker effectiveness. Apply principles to individual projects.	3	PO,SW,	OSU, PSU, UO,
*		SP 218	Interpersonal Communication	Designed to assist students in using effective practices of intra-and interpersonal communication in a variety of face-to-face settings. Learning to manage stress and conflict, and to use assertive/supportive rather than aggressive/defensive messages are emphasized.	3	PO,CE,SW, CH, LA,LB, MH,OC,CL,	
*		SP 219	Small Group Discussion	The course stresses skill building in decision making, goal setting, presentation planning, and knowledge of group process. Designed to assist students in using effective small group techniques in a variety of settings.	3	PO,CE, SW,CH, LA,LB, MH,OC, CL,TV, UM,	
		SP 221	Forensics	Practical application of public speaking skills in a variety of settings. ;preparation for and participation in intercollegiate forensic activities. Recommended: RD-115 & RD	2	CL,LA, MH,	
		SP 222	Forensics	Practical application of public speaking skills in a variety of settings. Preparation for and participation in inter collegiate forensic activities. Recommended: RD 115 &WR 121 prerequisite: SP-111	2	CL,LA,	
		SP 223	Forensics	Practical application of public speaking skills in a variety of settings. Preparation for and participation in intercollegiate forensic activities. Recommended: RD 115 &WR 121 prerequisite: SP-111	2	CL,LA,	
		SP 224	Forensics	Practical application of public speaking skills in a variety of settings. Preparation for and participation in intercollegiate forensic activities. Recommended: RD 115 &WR 121 prerequisite: SP-111	2	CL,LA,	
		SP 227	Nonverbal Communication	Studies the nonverbal aspect of communication as related to verbal communication. Emphasis on theories and typologies of nonverbal communication. Consideration of the influence of such factors as paralanguage, body movement, eye behavior, touch, space, time, smell, and physical and social environments.	3	PO,	OSU, PSU, UO,
		SP 228	Rhetoric of the Media	Explores the symbiotic relationship of the mass media and society from a rhetorical perspective. Investigation into the technological advancements in mass communications and their subsequent affect on public discourse and the individual in society will be examined.	3	Kkl,	PSU,
*		SP 229	Oral Interpretation	Oral interpretation of literature from the areas of prose, poetry and drama. Analyze specific literary works and communicate that understanding through performance.	3	PO,BM,UM ,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
		SP 237	Gender and Communication	An examination of similarities and differences in male and female communication styles and patterns. Particular attention given to the implications of gender as social construct upon perception, values, stereotyping, language use, nonverbal communication, and power and conflict in human relationships. Discussion of influence of mass communication upon shaping and constructing male and female sex roles. SP 100 recommended. Course fulfills block transfer and cultural diversity requirements and is transferable to state four-year	3	PO,	
*		SP 262	Voice Articulation	Intercollegiate forensics and non-competitive speaking. Includes debate, oratory, interpretative reading, expository, impromptu and extemporaneous speaking. Earn 1-3 variable credits. May be repeated to a maximum of 12 credits. SP 111 recommended.	3	PO,LA, MH,	
		SP 270	Projects in Public Speaking	Special Studies: Speech Communication Focuses on selected topics in the area of Speech Communication which are not regularly offered by the Department. SP 100 recommended.	3	PO,	OSU, PSU, UO,
		SP 280	CWE / Speech	Cooperative Work Experience: On-the-job experience(paid or volunteer) which enables the students to apply the knowledge, skills and experience gained through the on campus program to all aspects of the industry .	2	CL,TV,	
		SP 299	Special Studies: Speech/Comm	Study and practice of the principle of voice production and articulation of speech sound. Emphasis on both theory and practice.	3	PO,CL, CE,	OSU, PSU, UO,
		RD 115	Speed Reading and Vocabulary	Improve reading rate, vocabulary and comprehension. Includes formation of efficient reading habits, vocabulary development, inferential and critical reading, and adapting reading rate to different reading tasks. Prerequisite: Reading placement score above 41, or successful completion of RD 90.	3	PO,CH, CL,TV, UM,	OSU, UO,
		RD 116	College Vocabulary Development	Adds significantly to the students' reading, writing, and speaking vocabularies, fosters interest in words, and offers strategies for continuous vocabulary development throughout life. Prerequisite: Reading placement test score above 41, or successful completion of RD 90.	3	PO,CH, TV,	OSU, UO,
		RD 117	Advanced Speed Reading	Further exploration of topics covered in RD 115, emphasizing inferential, critical, and technical reading. Prerequisite: Successful completion of RD 115.	3	PO,CH, CL,	OSU,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
THEATER			Note: Dance is under major heading of Health				
	TA 101		Theater Appreciation	Introduces theater through studying plays and the artists who participate in the theatrical experience. Attend local productions and discover how and why the event happens from the viewpoint of the actor, director, playwright, designer and audience.	3	PO,BM, CL,TB,	OSU, PSU, UO,
	TA 111		Fund of Technical Theater	Fundamentals of Technical Theater Covers basic principles and techniques of technical theater such as stage design, lighting, properties and stage management. Explores the role of the technician in the theater organization. Lecture and lab allows flexible scheduling.	4	PO,CL, TV,MH,	OSU, PSU, UO,
	TA 112		Introduction to Set Design	Covers elements of technical theater including practical hands-on experience in designing a stage set, construction, the set design and stage rigging. Lecture/lab format provides time for individualized projects.	3	PO,CL, TV,MH,	OSU, PSU, UO,
	TA 113		Introduction to Stage Lighting	Explores theater and studio lighting. Focuses on elements of electricity, optics, stage lighting design, color in light, stage lighting instruments and intensity controls. Participate in stage lab activities.	3	PO,CL, TV,MH,	OSU, PSU, UO,
	TA 141		Fund of Acting Techniques	Fundamentals of Acting Techniques Explores the actor's resources to develop physical and vocal expressiveness providing insight to the process of dramatic characterization and "believability" in a role. Includes two hours of group activity and two hours of lab time.	3	PO,CL, TV,UM, BM,CT, CG,MH, RO,	OSU, PSU, UO,
	TA 142		Fund of Acting Techniques	Fundamentals of Acting Techniques Acquire concentration and relaxation in approaching a role. Improve performance skills with focus on vocal and physical control. Scene study is used. Prerequisite: TA 141.	3	PO,CL, TV,UM, CE,MH, RO,LA,	OSU, PSU, UO,
	TA 143		Fund of Acting Techniques	Fundamentals of Acting Techniques Practice skills from TA 141 and TA 142. Stresses further inquiry and use of knowledge and skills in performance. Includes audition techniques. Prerequisite: TA 141.	3	PO,CL, TV,UM, CE,MH, RO,LA	OSU, PSU, UO,
	TA 144		Improvisation I Theater	Become more in touch with the body and senses as used to express yourself and communicate with others. Includes exercise, theater games and impromptu scenes to tap the creative potential of the human imagination.	3	PO,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	TA 147		Voice & Diction for Theater	Voice and Diction for the Theater Become aware of your own voice through physical exercises which emphasize relaxation, breathing and increased muscle awareness. Develop freedom, range and flexibility as exercises are applied to works of Shakespeare. Modified yoga postures will be taught.	3	BM,PO,	
	TA 148		Movement for the Stage	Develops awareness and skills in movement as related to acting and communication. Focuses on body awareness, relaxation, energy, creating physical images and character, and communicating through body language. Explores expression through movement.	3	PO,	OSU, PSU, UO,
	TA 153		Theatre Rehearsal & Performance	Training in theatre production through intensive study and rehearsal of scenes and plays for public performances.	3	CL,LA, MH,RO,	
	TA 155		Readers Theater	Oral interpretation techniques as applied to group reading. Includes organization and preparation of scripts and creative oral reciting. Emphasizes verbal interpretation of literature.	3	PO,	OSU, PSU, UO,
	TA 160		Agents and Acting	Discover the world of commercial acting including television and film. Professionals will teach classes in areas including resumes and head shots, marketing, voice work and film auditioning.	3	PO,	
	TA 180		Theater Rehearsal & Perform	Theater Rehearsal and Performance Credit for performance in theater production, if cast. Gain first-hand experience in performance techniques. Audition required.	3	PO,BM, CG,LB,	OSU, PSU, UO,
	TA 190		Projects in Theater	Design an independent project associated with the theater. Develop a contract with a theater arts instructor covering the course content.	3	PO,LB,	OSU, PSU, UO,
	TA 198		Independent Studies: Theatre	Experiencing and appreciating the theatrical arts through the study and attendance of summer productions in Ashland. Pre-reading of scripts, attending performances, discussions required. Historical and production elements, including the roles of playwrights, actors, directors designers to be considered in written critiques. Recommended to non-majors for humanities credit and theatre majors for essential background.	3	CL,LB, PO,MH,	
	TA 199		Special Studies: Theatre	Independent studies for projects in 1)directing plays, 2) writing plays, 3) designing plays, 4) specific acting studies, 5) management projects, and 6) research projects. Consent of instructor and college-level coursework in project area required; I.e., acting, design, writing, business coursework. Student must present written proposal for approval.	3	LA, RO, MH,LB,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	TA 227		Stage Makeup	Techniques of applying stage make-up including use of tools and products. Focuses on analyzing the character and theater to create the best make-up for various roles on any given stage. Class time is divided into lecture and student make-up projects.	3	PO,CL, MH,UM,	
	TA 240		Beginning Pantomime	Mime in the classic, white face tradition, using methods of muscle tone improvement, posture, balance, and flexibility to introduce techniques of play writing and storytelling.	3	PO,LB,	OSU, PSU, UO,
	TA 241		Intermediate Acting Technique	Concentrate on in-depth study of the skills introduced in first year acting. One-act plays will be assigned as projects.	3	PO,UM, SW,MH, LA,	OSU, PSU, UO,
	TA 242		Intermediate Acting Technique	Comedy characterization as a style of performance. Study and perform a variety of comic literature. Focuses on comedy techniques.	3	PO,UM, LA,	OSU, PSU, UO,
	TA 243		Intermediate Acting Techniques	Intermediate Acting Technique Emphasizes vocal and physical techniques as well as stylized and contemporary acting methodology. Projects are approved by the instructor to strengthen all areas of stage performance.	3	PO,UM, LA,	OSU, PSU, UO,
	TA 253		Theater Rehearsal & Perform	Theater Rehearsal and Performance in a play. Audition required.	3	PO,TV, UM,CL, MH,	OSU, PSU, UO,
	TA 261		Introduction to Costuming	Surveys costume history, design, and basic patterning-to-construction techniques.	3	PO,	OSU, UO,
	TA 274		Theater History	Explores the nature of the theatrical event, its emergence and significance in the lives of the people of the past from ancient Greece to the present.	3	PO,	
	TA 280		CWE / Theater	Cooperative work experience. Provides student with a learning experience related to course of study and career goal. Major emphasis will be given to on-the-job experience and training, Required: instructors consent & a CWE seminar	1	CT,CL, RO,	
	TA 285		Theatre workshop	Production Workshop	2	TV,LB CH,	
	TA 290		Projects in Theater	Advanced independent study course. Contract with a theater arts instructor for individual project. Examples of projects could be assistant directing, lighting design, costuming, dramaturge.	3	PO,LB,	OSU, PSU, UO,
	TA 299		Special Studies	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.		TV,LA,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
WRITING	WR 115		Intro to Expository Writing	Introduction to Expository Writing Introduces college level skills in reading critically, exploring ideas, and writing. Students compose essays which support a thesis through structure appropriate to both thesis and reader and learn to revise for clarity and correctness. Prerequisites: Writing placement test score of 41-44 or WR 90 or ENL 262 and Reading placement test score above 41 or RD 90 or ENL 260.	3	PO,CH, BM,CL, TB,TV, UM,CG, SW,	OSU, PSU, UO,
*	WR 121		English Composition	Develops skills in analytical reading, critical thinking, and expository and persuasive writing. Students compose several essays using a variety of strategies to present evidence in support of a thesis. Prerequisite: Writing and Reading placement test scores above 44 or WR 115.	3	PO,CH,BM, CL, TB,TV, UM,CE,CG, SW, LB.LA, RO,OC,MH KL,	OSU, PSU, UO,
*	WR 122		English Composition	Focuses on argument as a means of inquiry, clear and appropriate writing style, and critical reading. Explores ideas and issues through discussion and writing. Students compose analytical, argumentative, and/or expository essays with appropriate documentation. Prerequisite: WR 121.	3	PO,CH,BM, CL, TB,TV, UM,TB,CE, CG,SW,LB, LA,RO,OC MH, KL,	OSU, PSU, UO,
*	WR 123		English Composition	Uses extensive research writing to develop skills in critical analysis and documented argument. Students synthesize their considered response to designated text(s) and/or issues with the reactions of other writers. Includes paraphrasing, summarizing, quoting, and documenting using style appropriate to discipline researched. Prerequisite: WR 122.	3	PO,CH,TB TV,UM,CE CG,UM,CL SW,RO,OC LA,LB,MH KL,	OSU, PSU, UO,
	WR 180		Composition Conf & Tutoring	Composition Conferencing and Tutoring Explores the techniques and philosophies involved in tutoring and conferencing one-to-one with writing students. Students practice skills learned in the classroom as they work in the PCC Writing Center, or as volunteers in local public schools.	1	PO,	

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	WR 185		English Grammar	Introduces linguistic analysis of written English, elementary history, and mastery of grammatical vocabulary. Includes language acquisition theory and the application of grammatical understanding to the art of composition. Prerequisite: Writing and Reading placement test scores above 44 or WR 115.	3	PO,CL, CE,	OSU, PSU, UO,
	WR 198			Offers individualized study in areas of writing not considered in other courses to meet special interests or program requirements. Students complete a term project and readings approved by the instructor. Instructor approval in required. Recommended: prior study of writing.	1	CH,MH, OC,CL, KL	
	WR199		Special Studies:	Special topics, activities, or projects in an area of writing not usually covered in depth in other writing courses. Instructor approval in required. Recommended; Prior study of writing.	1	TV,SW, CL,TV, KL	
	WR 214		Business Communications II	Explores writing as a strategy for problem-solving in business settings. Develops analytical skills and audience awareness in complex writing situations. Includes group problem-solving, fact-finding interviewing, library research, evaluating ethical issues, developing appropriate formats, and composing, revising, designing, and editing business documents. Prerequisite: WR 121.	3	PO,TB, CE,CG,LB, SW	OSU, PSU, UO,
*	WR 227		Technical Writing I	Introduces technical and professional communications. Includes such projects as definitions, specifications, descriptions, instructions, manuals, warnings, liability statements, and analytical reports. Emphasizes precise use of language and graphics to communicate complex technical and procedural information safely, legally, and ethically. Prerequisite: WR 122.	3	PO,CH, BM,CL, TB,TV, UM,SW, CG,CE, MH,LA, LB,OC, RO,KL,	OSU, PSU, UO,

	WR 228		Police Report Writing	Emphasizes writing skills and techniques appropriate to narrative structures necessary for operational police reports. Prerequisite: WR 122 or WR 214.	3	CL,	OSU, PSU, UO,
	WR 229		Advanced Police Report Writing	Covers writing police reports for a living. Includes determining if available information and evidence is legally admissible in court, interviewing witnesses to a crime, discussing the relationship between physical evidence and personal analysis of a crime with law enforcement personnel, and preparing an entire case for prosecution. Students without WR 228 may enter with instructor permission. Prerequisite: WR 228.	3	PO,	OSU, PSU, UO,
	WR 240		Creative Writing (Nonfiction)	Focuses on creative nonfiction, such as investigative journalism, nature writing, reviews, satire, and personal essays. Evaluates students' compositions in class discussion. WR 122 is a recommended prerequisite. Prerequisite: WR 121.	3	LB,PO, CG,	
	WR 241		Creative Writing (Fiction)	Focuses on writing and submitting fiction for class discussion and analysis. Studies established writers for techniques, structures, and styles. Recommended: WR 121-level reading and writing skills.	3	PO,CH,BM, CL,TB,TV UM,SW,LA LB,MH,OC RO,	OSU, PSU, UO,
	WR 242		Creative Writing (Poetry)	Introduces students to the craft of poetry through study of the works of established writers for writing techniques, forms, structures, and styles, and through the writing and submission of approximately one complete poem per week for class discussion and analysis. Recommended: WR 121-level reading and writing skills.	3	PO,CH, BM,CL, TB,TV, UM,SW, LA,LB, MH,RO,	OSU, PSU, UO,
	WR 243		Creative Wr (Script Wr)	Creative Writing (Script Writing) Focuses on writing and submitting scripts for class discussion and analysis. Studies established writers for techniques, structures, and styles. Recommended: WR 121-level reading and writing skills.	3	PO,CH, BM,CL, TB,TV, SW,LA, RO,	OSU, PSU, UO,
	WR 244		Adv Creative Writing - Fiction	Advanced Creative Writing - Fiction Focuses on continuing to apply the techniques and structures of fiction writing introduced in WR 241. Includes writing fiction, having work critiqued by instructor and peers, and critiquing that of others in a workshop setting. Students without WR 241 may enter with instructor permission. Prerequisite: WR 241.	3	PO,CL, TB,MH,	OSU, PSU, UO,

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
	WR 245		Adv Creative Writing - Poetry	Advanced Creative Writing - Poetry Extends the introduction to the craft of poetry in WR 242. Presents the works of established writers for forms, techniques and styles of poetry as a context for the student's own production of one poem per week for class discussion and analysis. Students without WR 242 may enter with instructor permission. Prerequisite: WR 242.	3	PO,CL, TB,MH,	OSU, PSU, UO,
	WR 246		Adv Creat Wr (Editing & Pub)	Advanced Creative Writing (Editing and Publishing) Emphasizes development of craft in students' writing while introducing basics of editing others' manuscripts and preparing them for publication in a variety of forms, including an annual student literary magazine. May be repeated twice for credit. Students are required to have instructor permission in addition to or in place of the listed course prerequisites. Prerequisites: WR 240 or WR 241 or WR 242 or WR 243 or	3	PO,CL,	OSU, PSU, UO,
	WR 280		CWE / Writing	On-the-job experience (paid or volunteer) which enables the student to apply the knowledge, skills and experience gained through the on-campus program to all aspects of the industry. Cooperative Work Experience is offered for variable credit, based on the student's objectives. Instructor permission is required. The student is responsible for locating a job site.	3	LB,	
	WR 298		Independent Studies: Writing	Faculty supervised, Independent study in an area of student interest.	3	CL,CH,	
	WR 299		Special Studies: Writing	Engage in documentary script writing skills of researching and developing topics, learning how to organize narratives into effective scripts, and constructing projects. Includes opportunities in New Media for developing interactive documentaries.	3	RO,TV,	
	WR 299A		Advanced Script Writing	Focuses on polishing script or screenplay writing skills to a level of readiness for submission to available markets or competitions. Increase awareness of techniques, topics, and styles of established writers and learn about the process of getting a work marketed.	3		

Main Subject	Course #	Sub Subject	Title	Description	CR	CC Offer	OUS CEQ
WOMEN'S STUDIES			Women's Studies	Surveys and critically analyzes the position of women in society, in terms of present realities and future possibilities. Provides a framework to connect personal experience with contemporary social and political issues.	3	CL,CH, LA,PO, CG,	
	WS 298		IS Women's Studies	Advanced, individualized study in areas not considered in other courses to meet special interests or program requirements. Complete a term project approved by the instructor. Recommended: prior study, and instructor permission.	3	CL,	
	WS 299		SS Women's Studies	Special Topics: Covers special topics, activities or projects in an area not usually covered in depth in other courses.	3	CE,	

Suggested Common Alphas for Professional Technical Courses

On February 1, 1996, a letter detailing agreed-upon alphas for professional technical courses was sent to Council of Instructional Administrators members. The following list reflects a few additions and is the most current available through CCWD. Courses with these prefixes are not included in the Lower Division Collegiate Course Catalog.

These professional technical programs and suggested alphas for their course numbering is for use on professional technical courses which are numbered 100 or above and are to be used for freshman and sophomore level courses only. You may also choose to use these alphas for courses that you number below 100 or with a decimal number. Courses with developmental level content should be numbered below 100 whether they are professional technical or general education in focus.

COURSE	#
Alcohol and Drug Counselor	HS
Allied Health	AH
Animal Technology	AT
Applied Arts	AA
Apprentice	APP
Auto Body Auto Body Refinishing Auto Collision Repair	AB
Automotive Automotive Mechanics Automotive Service Technician	AUT
Aviation Maintenance	AV
Broadcasting	BCT/RB
Business Technology Office Administration	BT
Child Care and Development	CCD
Civil Engineering Technology/Surveying	CET
Computer Information Systems/Software/Science	CIS/CIM/CST
Cosmetology	COS
Crop and Soil Science	CSS
Culinary Arts	CA
Dental Lab Technician	DT
Dental Assisting	DA
Dental Hygiene	DH
Diesel Service	DSL
Dietary Management/Dietetic Technology	DT
Digital Systems Technology	DST
Drafting-Architectural Computer Aided Drafting (CAD) Technical Illustration	DRF
Early Childhood Education	ECE
Education	ED
Education Aide/Assistant	EDA
Electricity/Electronics	ELT/EET
Emergency Dispatch Operator	EDO
Emergency Medical Technician	EMT
Entrepreneurship	ENT
Furrier Science	FAS
Fire Protection Technology	FRP
Fisheries	FI
Floral Technology	FLO

Food Science/Production	FP
Forestry Resources	FOR
Funeral Services	FSV
Graphic Arts	GA
Graphic Design	GD
Graphic/Printing Technology	PT
Hazardous Materials/Environmental Safety	ESHM
Horticulture	OH
Hotel, Restaurant, Tourism Management	HRTM
Industrial Technology	IT
Integrated Machine Technology	MT
Interior Design	ID
Interpreter Training	ITP
Journalism Technology	JT
Landscape/Ornamental	LAT
Law Enforcement	LE
Legal Assistant	LA
Machine Manufacturing Technology	MFG
Management and Professional Development	SD
Maritime Science	MAS
Mechanical Engineering Technology	MET
Medical Assisting	MA
Medical Laboratory Technology	MLT
Medical Records Technology	MR
Mental Health/Human Services	HS
Nursing	NUR
Nursing Assistant	NA
Occupational Therapy Assistant	OTA
Office Administration/Assistant	OA
Ophthalmic Medical Technology/Opticianry	OMT/OT
Parts Merchandising	PM
Physical Therapist Assistant	PTA
Precision Metal Fabrication Technology	PMT
Professional Music	MUC
Professional Skills Training/Occupational Skills Training	PST
Public Service Administration	PSA
Quality Science	QS
Radiology	RAD
Real Estate	RE
Recreation Management	RM
Refrigeration	RH
Respiratory Therapist	RT
Semiconductor Manufacturing	SM
Sonography	SON
Surgical Technology	ST
Telecommunication Administration	TEL
Television	TV
Truck Driving	TD
Veterinary Technology	VT
Video Production	VP
Visual Communication	VC
Water/Wastewater Quality	WQT
Welding/Welding Fabrication/Metallurgy	WLD or WEL

Department of Community Colleges and
 Workforce Development
 255 Capitol Street NE
 Salem, OR 97310

**Application for Approval of New or Revised
 LOWER DIVISION COLLEGIATE COURSES**

Colleg: _____ Date: _____

Course Title: _____ Course Number: _____

Course Description:

Credits: _____	Lecture Hours/Term: _____	Intended for use in fulfilling AA-OT degree requirements as:	
	Lecture/LabHours Term: _____		<input type="checkbox"/> <i>General Requirement</i>
	Lab Hours/Term: _____		<input type="checkbox"/> <i>Distribution Requirement</i>
	Other Provisions(Explain): _____		<input type="checkbox"/> <i>Elective Only</i>

<input type="checkbox"/> New Course
<input type="checkbox"/> Revised

Formerly					
Title: _____					
No: _____	Credits: _____	Lec: _____	Lec/Lab: _____	Lab: _____	

I CERTIFY THAT the course listed above carries college credit transferable to one or more four-year institutions. When the local administrator affixes their signature below, they certify that the course meets the standards of OAR 589-006-0200.

 Signature of College Representative

FOR STATE OFFICE USE ONLY	
<input type="checkbox"/> Approved	CIP: _____ Date: _____
<input type="checkbox"/> Disapproved	Reason: _____
_____ Authorized Representative	