

Ultrasonic Testing Certificate

Recommended Prior to Entry in Program

Class Number	Course Title	Credits
Completion of Computer Competency (either Competency Test or CIS 120)		0-4

Required Prior to Entry in Program

Class Number	Course Title	Credits
Minimum Placement Scores resulting in MTH 85 placement OR Completion of MTH 20 ("C" or Better)		0-4
Minimum Placement Scores resulting in WR 121 placement OR Completion of WR 65/75/95 ("C" or Better)		0-4
Completion of GS 104 Physical Science: Physics or higher		0-4

0-16

Term 1

Ultrasonic Testing Certificate Requirements		
Class Number	Course Title	Credits
NDT 100	Non Destructive Test and Inspection Orientation	1
MTH 85	Technical Math I	4
NDT 110	Introduction to Ultrasonic Inspection	3
NDT 111	Ultrasonic Techniques I	2
WR 121	English Composition (Plan transition to WR 127 in 1-2 years)	4

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Term 2

Class Number	Course Title	Credits
MTH 86	Technical Math II	4
PH 201	General Physics I	5
MFG 101	Blueprint Reading	2
NDT 112	Ultrasonic Techniques II	2

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Term 3

Class Number	Course Title	Credits
SP218, BA285 or PSY 101	Business Human Relations OR Interpersonal Communications OR Applied Psychology	3
NDT 130	Introduction to Metallurgy	3
MFG 103	Weld Technology I	3
NDT 210	Ultrasonic Techniques III	3

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Term 4

Class Number	Course Title	Credits
MFG 110	Manufacturing Processes I	3
MFG 133	Quality Assurance	3
NDT 270	Visual Inspection Techniques	2
NDT 211	Ultrasonic Techniques IV	2
NDT 212	Ultrasonic Techniques for Non Ferrous Materials	2

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Total Credit Range ...

51	-	59
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