

Central Oregon Community College
Computer and Information Systems (CIS)
Associate of Applied Science (AAS) degree 94-99 credits

2018-19 Tentative Schedule of Required CIS Courses
– Networking Option –

Foundation Courses (In preferred order of completion)	Sum	Fall	Winter	Spring
CIS 120 Computer Concepts (4 credits)	✓	✓	✓	✓
CIS 131 Software Applications ¹ (4 credits)	✓	✓	✓	✓
CIS 178 Internet in Depth (4 credits)		✓	✓	✓
CIS 140 A+ Essentials I (4 cr.) and CIS 145 A+ Essentials II ² (4 cr.)		✓+✓	✓+✓	✓+✓
CIS 179 Networking Essentials ³ (4 credits)		✓		✓
CIS 135DB Database Theory/SQL (4 credits)			✓	✓
CIS 122 Intro to Programming (4 credits)	✓	✓	✓	✓
CIS 195 Web Development 1 (4 credits)		✓	✓	
CIS 244 Information Systems Analysis (4 credits)			✓	
CIS 297 CIS Professional Capstone ⁴ (4 credits)				✓
CIS 279WC Windows Client (4 credits)			✓	

- 1) CIS 120 is a pre-requisite for CIS 131.
- 2) CIS 140 and CIS 145 must be taken in the same term.
- 3) CIS 140 and CIS 145 are pre-requisites for CIS 179.
- 4) CIS 244 is a pre-requisite or co-requisite for CIS 297.

	Networking Option (choose a total of 27 Credits)	Sum	Fall	Winter	Spring
CIS 179	CIS 151C Cisco Internetworking ⁵ (4 credits)		✓		
	CIS 152C Cisco Routing and Switching (4 credits)			✓	
	CIS 154C Cisco Scaling & Connecting Networks (4 cr.)				✓
	CIS 284 Cisco CCNA Security (4 credits)				
CIS 179	CIS 279SC Windows Server Client ⁵ (4 credits)		✓		
	CIS 279SM Windows Server Management (4 credits)			✓	
	CIS 279SS Windows Server Services (4 credits)				✓
	CIS 279L Linux+ (4 credits)		✓		
	CIS 279SE Security+ ⁵ (4 credits)				✓
	CIS 280 Co-op Work Experience CIS (1-3 credits)	✓	✓	✓	✓
	CIS 284EH Ethical Hacking (4 credits)				✓

5) CIS 179 is a pre-requisite for CIS 151C, CIS 279SC and CIS 279SE. In addition, the Cisco Router courses and the Windows Server course must be taken in the sequences shown above.

CIS xxx Indicates a Foundation course that is a prerequisite

** See the 2018-19 COCC Catalog for additional Program course requirements.**