

Bay Mills Community College » Academic Division » Degree & Certificate Programs » Curricular Programs » Computer Information Systems Program
CIS A.A.S.

CIS Program Curriculum Map

Courses and Activities Mapped to CIS A.A.S. Outcome Set

	Outcome								
	1.1 construct networks Construct Local Area Networks by interconnecting Routers, Switches, Access Points, cables, Firewalls, and computers	1.2 security plan Implement a Computer Security Plan	1.3 operating systems Install operating systems onto computers	1.4 server administration Possess the ability to administer a server. This includes installing software, adding users, administering security policies and implementing backup schedules.	1.5 500 word report Construct a 500 word report	1.6 programming logic Construct programming logic using algebraic reasoning.	1.8 web page Students create a web page containing Native American content	1.9 troubleshoot Students will troubleshoot problems with computers and offer solutions.	2.0 - Office Suite Create documents, presentations, and spreadsheets.
Courses and Learning Activities									
CIS 204 Computer Security	✓	✓		✓	✓			✓	
CS 112 Introduction to Computers			✓		✓				✓
CS 121 Principles of Microsoft Office									✓
CS 125 Desktop Information Management									
CS 128 Word Processing									✓
CS 132 3-D Design									
CS 142 Internet Search Techniques and Strategies									
CS 204 Web Page Design							✓		
CS 215 Desktop Publishing									✓
CS 216 Spreadsheet Design and Management									✓
CS 217 Presentation Graphics									
CS 221 Computer Programming						✓	✓		
CS 222 Advanced Operating Systems	✓	✓	✓	✓			✓	✓	
CS 225 Microsoft Desktop Operating Systems			✓					✓	

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CS 226 Computer Hardware Systems			✓					✓	
CS 227 Networking Technologies	✓	✓		✓	✓				
CS 228 Advanced Computer Hardware	✓		✓					✓	
CS 231 Linux Administration	✓		✓	✓			✓		
CS 232 Introduction to Routing	✓							✓	
CS 233 Advanced Routing	✓	✓						✓	
CS 248 Database Design									
CS 271 Cooperative Education: Computer Information Systems - Technology	✓		✓	✓	✓		✓	✓	✓

Legend: ✓ = Aligned

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