

**COMPUTER INFORMATION TECHNOLOGY  
MICROCOMPUTER SUPPORT**

**ASSOCIATE OF APPLIED SCIENCE DEGREE**

Advisor: Jeff Brown

Upon completion of the Microcomputer Support Degree, students will be able to maintain personal computers, repair and troubleshoot common hardware problems, and use and assist end-users in using common software applications.

**OUTCOMES: GRADUATES ARE PREPARED TO:**

- Create, manage, and modify databases as preparation for the examination to attain the Microsoft Certified Application Specialist – Access.
- Create, manage, and modify electronic spreadsheets as preparation for the examination to attain the Microsoft Certified Application Specialist – Excel.
- Create, manage, and modify word processing documents as preparation for the examination to attain the Microsoft Certified Application Specialist – Word.
- Create, modify, and troubleshoot computer programs using Visual Basic to develop computer programming skills.
- Create effective web pages that include links, graphics, sound, tables, forms, and style sheets using common editors.
- Implement, administer, and troubleshoot computer systems that incorporate Microsoft Windows Vista as preparation for the examination to attain the Windows Vista Configuration Microsoft Certified Technology Specialist 70-620.
- Install, configure, operate, and troubleshoot medium sized router and switched networks as preparation for the CCNA (Cisco Certified Network Associate) certification;
- Troubleshoot and repair microcomputers as preparation for the examination to attain the CompTIA A+ certification.
- Train and support microcomputer end-users to include developing and delivering training modules and developing strategies for providing on-going technical support.

**ESTIMATED RESIDENT PROGRAM COST:**

Tuition and Fees .....	\$6024
Application Fee .....	30
Lab Fees .....	140
Books/Supplies .....	1900
<b>TOTAL.....</b>	<b>\$8094</b>

**FALL SEMESTER**

Course	No.	Title	Credits	Grade
CAPP	120	Introduction to Computers	3+	_____
M	095**	Intermediate Algebra <b>OR</b>		
M	121**	College Algebra <b>OR</b>		
M	152**	Precalculus Algebra <b>OR</b>		
M	171**	Calculus I	3-4+	_____
WRIT	101**	College Writing I <b>OR</b>		
WRIT	122**	Intro to Business Writing	3+	_____
CIT	126*	Networking Basics (CCNA 1)	3+	_____
CIT	176*	Routers and Routing Basics (CCNA 2)	3+	_____
		Subtotal	15-16	

**SPRING SEMESTER**

Course	No.	Title	Credits	Grade
CIT	166*	Computer Operating Systems	3+	_____
COMM	135	Interpersonal Communication	3+	_____
CAPP	158*	MS Access	3+	_____
CIT	226*	Switching Basics and Int Routing (CCNA 3)	3+	_____
CIT	276*	WAN Technologies (CCNA 4)	3+	_____
		Subtotal	15	

**FALL SEMESTER**

Course	No.	Title	Credits	Grade
CIT	160*	Introduction to Programming	3+	_____
CAPP	154*	MS Word	3+	_____
BUS	106	Introduction to Business	3+	_____
CIT	229*	Web Page Construction	4+	_____
		Technical Electives***	2	_____
		Subtotal	15	

**SPRING SEMESTER**

Course	No.	Title	Credits	Grade
CIT	272*	PC Troubleshooting and Maintenance	4+	_____
CAPP	156*	MS Excel	3+	_____
CIT	275*	Computer End-User Support	3+	_____
		Technical Electives***	5	_____
		Subtotal	15	

**TECHNICAL ELECTIVES**

Course	No.	Title	Credits	Grade
CIT	XXX	CIT, CAPP or GDSN course w/ approval***	3-4+	_____
DRFT	156	Introduction to CAD	3+	_____
OO	220	Preparing Resumes	1+	_____
OO	221	Interviewing for Jobs	1+	_____

**TOTAL PROGRAM CREDITS – 60-61~**

~ Many students need preliminary math, writing, and biology courses before enrolling in the program requirements. These courses may increase the total number of program credits. Students should review their math and English placement before planning out their full program schedules.

\*\*\* Technical electives must be approved by faculty advisor

*This program has a transfer articulation agreement with Montana State University - Northern. For details please see the Transfer Section of this catalog.*

