

South Mountain Community College - Information Technology: Computer Applications Specialist

Information Technology: Computer Applications Specialist - Checklist Associate of Applied Science (AAS 5201) – 61-65 credits

For a CCL certificate in Computer Applications Specialist, complete the CCL Required Courses below.

Semester	Grade	Credits	CCL Required Courses (41 credits):
			CIS105 – Survey of Computer Information Systems (3)
			BPC/CIS114DE – Excel Spreadsheet (3)
			BPC/CIS117DM – Microsoft Access: Database Management (3)
			BPC/CIS118DB – Desktop Presentation: PowerPoint (3)
			<input type="checkbox"/> CIS190* - Introduction to Local Area Networks (3) OR <input type="checkbox"/> CNT140AA – Cisco Networking Fundamentals (4)
			MST150++ - Microsoft Windows (any MST150++ module) (3)
			GBS151 – Introduction to Business (3)
			Total CCL Required Credits

Semester	Grade	Credits	Choice	CCL Restricted Electives (15-16 credits): (see below)
			Total CCL Restricted Elective Credits	

BPC/CIS117DM – Microsoft Access: Database Management (3)
 BPC/CIS120DC – Flash: Digital Animation (3)
 BPC/CIS120DF – Computer Graphics: Adobe Photoshop (3)
 BPC/CIS120DH – Microsoft Visio (3)
 BPC/CIS121AB – Microsoft Command Line Operations (1)
 BPC/CIS121AE – Windows Operating System I (1)
 BPC/CIS133DA – Internet/Web Development (3)
 BPC138DA* – Desktop Publishing with Adobe InDesign (3)
 BPC170* - Computer Maintenance I: A+ Essentials Prep (3)
 CIS126DL – Linux Operating System (3)

CIS159* - Visual Basic Programming (3) OR
 CIS162AD* - C#: Level I (3) OR
 CIS163AA* - Java Programming: Level I
 CIS169* - Introduction to Visual Basic for Applications (3)
 BPC/CIS214DE* - Advanced Excel Spreadsheet (3)
 BPC/CIS217AM* - Advanced Microsoft Access (3)
 BPC/CIS220DC* - Advanced Flash/ActionScript (3)
 BPC/CIS220DF8 – Advanced Photoshop (3)
 MST157DA* - Active Directory Windows Server Config (4)

For an AAS Degree in Programming and Systems Analysis, complete the above CCL (Required AND Restricted Electives) AND the General Education Requirements below.

Semester	Grade	Credits	Choice	General Education Requirements for AAS (22-27 credits): <i>Suggested courses indicated</i>
				First Year composition course (part 1) (3) <i>ENG101; ENG 107</i>
				First Year composition course (part 2) (3) <i>ENG102; ENG 108; ENG 111</i>
				Oral Communications (3) <i>COM 110; COM 225</i>
				Critical Reading course (0-3) <i>CRE101 (Or exempt by evaluation)</i>
				Mathematics course (3-5) <i>MAT142; MAT151</i>
				Humanities and Fine Arts (3) (see catalog for approved courses)
				Social and Behavioral Science (3) (see catalog for approved courses)
				Natural Science (4) (see catalog for approved courses)
			Total General Education Requirement Credits	

All courses require a grade of C or better. * Indicates course has a prerequisite and/or corequisites

Advisee: Student Name	Student ID	Advisor: Name	Date