

## Computer Programming (Programming Track)

### The Program

The Computer Programming option provides students with an introduction to programming languages with at least one of the languages studied at the intermediate level. Students will either study one language in depth or develop a breadth of knowledge in several languages. Students completing this option will be prepared for entry-level computer programmer positions. This curriculum is supported by a solid foundation of core courses that focus on problem solving and communication skills for information technology professionals.

Students entering this program must have basic computer skills like those obtained in CIS 100 - Introduction to Computers.

#### General Education Core:

ENG 101	Writing I
ENG102	Writing II
MT 150	College Algebra & Functions Science Course w/Lab Oral Communication Course Social Interaction Course Heritage/Humanities Course

#### Technical Core:

CIS 120	Program Design & Development
CIS 130	Microcomputer Applications
IT 105	Computer Maintenance Essentials <b>AND</b>
IT 205	Advanced Computer Maintenance <b>OR</b>
ET 232	Computer Software Maintenance <b>AND</b>
ET 234	Computer Hardware Maintenance
IT 170	Introduction to Database Design
IT 132	Web Page Development <b>OR</b>
IT 130	Web Site Design & Production Introductory Networking Course Beginning Level Programming Language

#### Computer Programming Option/Programming Track:

CIS 220	Systems Analysis & Design
COE 199	Cooperative Education <b>OR</b>
CIS 280	Internship
ACC 201	Financial Accounting Programming Languages (12 credits) Management Course





## Associate in Applied Science Computer Programming (Programming Track) Information Technology Program

### Program Coordinator

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## How to Reach Us

**Somerset Community College**  
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Somerset Campus  
(606) 679-8501

Laurel Campus  
(606) 877-1421

Casey Center  
(606) 787-4727

Clinton Center  
(606) 387-3236

McCreary Center  
(606) 376-5747

Russell Center  
(270) 866-2125

### FIRST SEMESTER:

### CREDIT HOURS

ENG	101	Writing I	3
MT	150	College Algebra & Functions	3
CIS	120	Program Design and Development	3
CIS	130	Microcomputer Applications	3
ET	232	Computer Software Maintenance <b>OR</b> <i>Must also take ET234</i>	3
IT	105	Computer Maintenance Essentials <i>Must also take IT205</i>	(3)
IT	132	Web Page Development <b>OR</b>	3
IT	130	Web Site Design & Production	(4)
<b>Total Semester Credits</b>			<b>18-19</b>

### SECOND SEMESTER:

ENG	102	Writing II	3
		Oral Communications Course (see catalog)	3
ET	234	Computer Hardware Maintenance <b>OR</b> <i>Must also take ET232</i>	3
IT	205	Advanced Computer Maintenance <i>Must also take IT105</i>	(3)
IT	170	Introduction to Database Design	3
		Beginning Level Programming Class (see catalog)	3
		<i>Recommend CIS149</i>	
		Introductory Networking Course (see catalog)	3-4
<b>Total Semester Credits</b>			<b>18-19</b>

### THIRD SEMESTER:

		Science Course with Lab (see catalog)	3-4
		Social Interaction Course (see catalog)	3
		Heritage/Humanities Course (see catalog)	3
CIS	220	Systems Analysis & Design	3
		Programming Language (see catalog)	3
		Programming Language (see catalog)	3
<b>Total Semester Credits</b>			<b>18-19</b>

### FOURTH SEMESTER:

ACC	201	Financial Accounting	3
COE	199	Cooperative Education <b>OR</b>	3
CIS	280	Internship	(3)
		Programming Language (see catalog)	3
		Programming Language (see catalog)	3
		Management Course (see catalog)	3
<b>Total Semester Credits</b>			<b>15</b>
<b>Total Credits for Program</b>			<b>69-72</b>

Special Notes: This schedule is only a suggested course schedule. The number of semesters required to complete the degree will vary among students. Most program option courses are delivered online via KYVC.

**Note: Credential requirements for this program are subject to change. Students should verify course requirements with their advisor.**

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