

## Computer Science Technology Certificate

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	<b>STUDENT PROGRESS</b>	
	<u>Grade</u>	<u>Term Completed</u>
<b>Area I – Written Composition:..... 3</b>		
• ENG 101 - English Composition I ..... 3	_____	_____
<b>Area II – Humanities and Fine Arts:..... 0</b>		
<b>Area III – Natural Sciences and Mathematics: ..... 3</b>		
• MTH 100 - Intermediate College Algebra <b>OR</b> Higher level Math .. 3	_____	_____
<b>Area IV – History, Social and Behavioral Sciences: ..... 3</b>		
• ECO 231 - Principles of Macroeconomics <b>OR</b> ECO 232 - Principles of Microeconomics..... 3	_____	_____
<b>Area V – Business Computing Technology .....22-23</b>		
• CIS 146 - Microcomputer Applications <b>OR</b> Higher CIS elective .... 3	_____	_____
• CIS 147 - Advanced Micro Applications..... 3	_____	_____
• CIS 113 - Spreadsheet Software Apps ..... 3	_____	_____
• CIS 207 - Web Development ..... 3	_____	_____
• CIS 212 - Visual BASIC Programming..... 3	_____	_____
• CIS 249 - Microcomputer Operating Systems <b>OR</b> CIS 268 – Software Support & CIS 165A Lab..... 3-4	_____	_____
• ORI 101 - Orientation to College..... 1	_____	_____
• SPH 106 – Fundamentals of Oral Communication ..... 3	_____	_____
<b>Total Hours Required for Certificate: ..... 31-32</b>		
<b>Area V – Microcomputer Repair Technology..... 22-24</b>		
• CIS 146 - Microcomputer Applications <b>OR</b> Higher CIS elective .... 3	_____	_____
• CIS 199 - Network Communications..... 3	_____	_____
• CIS 263 - Computer Maintenance <b>OR</b> CIS 269 - Hardware Support & CIS 165B Lab ..... 3-4	_____	_____
• CIS 249 - Microcomputer Operating Systems <b>OR</b> CIS 268 – Software Support & CIS 165A Lab..... 3-4	_____	_____
• CIS 211 - Principles of Information Assurance <b>OR</b> CIS 280 – Network Security..... 3	_____	_____
• CIS 212 - Visual BASIC Programming..... 3	_____	_____
• ORI 101 - Orientation to College..... 1	_____	_____
• SPH 106 – Fundamentals of Oral Communication ..... 3	_____	_____
<b>Total Hours Required for Certificate: ..... 31-33</b>		



**STUDENT PROGRESS**

Grade                      Term Completed

**Area V – Web Development Technology..... 22**

- CIS 146 - Microcomputer Applications **OR** Higher CIS elective .... 3      \_\_\_\_\_
- CIS 207 - Web Development ..... 3      \_\_\_\_\_
- CIS 208 - Web Authoring Software ..... 3      \_\_\_\_\_
- CIS 209 - Advanced Web Development ..... 3      \_\_\_\_\_
- CIS 211 - Principles of Information Assurance **OR**  
   CIS 280 – Network Security..... 3      \_\_\_\_\_
- CIS 212 - Visual BASIC Programming      \_\_\_\_\_
- ORI 101 - Orientation to College..... 1      \_\_\_\_\_
- SPH 106 – Fundamentals of Oral Communication ..... 3      \_\_\_\_\_

**Total Hours Required for Certificate: ..... 31**