

# COMPUTER SCIENCE, A.S.

## A.S., Computer Science Requirements (64 credits)

Code	Title	Credits
<b>Required Course</b>		
CPS 200	Making the Transition to College:Strategies for Degree Completion	3
Magis Core Foundations:		15
Select all of the following Foundations components:		
Contemporary Composition (3)		
Critical Issues in Human Inquiry (3)		
Oral Communication (1)		
Mathematical Reasoning (2)		
Philosophical Ideas (3)		
The Christian Tradition (3)		
<b>Magis Core Explorations</b>		<b>5</b>
Select 5 credits from the following. Ethics is required.		
Ethics (3) *Required		
Global Perspectives in History (3)		
The Biblical Tradition (3)		
Understanding Natural Science (2)		
Understanding Social Science (3)		
<b>Major Requirements - Computer Science (24 Credits)</b>		
CSC 221	Introduction to Programming	3
CSC 222	Object-Oriented Programming	3
CSC 321	Data Structures	3
CSC 414	Computer Organization	3
CSC 421	Algorithm Design and Analysis	3
<b>Major Electives</b>		
Select nine credits in CSC courses 400-level or above.		9
<b>Electives</b>		<b>17</b>
Select Electives to reach 64 credits. <sup>1</sup>		
<b>Total Credits</b>		<b>64</b>

<sup>1</sup> A minimum of 64 credit hours is required for the associate degree. The number of Electives credits needed is dependent on the requirements for the major and courses selected for Explorations.