

Required CMPSC courses	112	201	206	235	255	256	306	309	321	395
Computer Studies learning objectives										
Write programs requiring straightforward logic		x								
Decipher programs written by others		x								
Create websites using best practices in design, accessibility and flexibility			x				x			
Respond to the user perspective in the development of computer systems			x	x			x		x	
Implement standard computer network designs					x					
Troubleshoot computer networks					x					
Explain the need for security mechanisms in major spheres of computing, including databases, networks, and web applications	x				x			x	x	
Design and maintain relational databases									x	
Explain the larger social and ethical context of computing								x		
Demonstrate an ability to learn independently about a variety of computing areas										x
Explain the functions of an operating system independent of the hardware platform						x				
Breadth of discipline; recognize CS principles	x									x
x	indicates the course covers the learning objective									
x	indicates the learning objective is assessed									