Minnesota State
Community and Technical College

CPTR1001 - Introduction To Programming and Scripting

Credits:	3 (1/2/0)
Description:	This course is an introduction to computer programming. Emphasis will be on programming concepts, program design methodology, program debugging, problem solving and writing clear code.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Describe the features and syntax of a programming language. 2. Understand how software can be written to solve business problems. 3. Use debugging and testing to create error-free code. 4. Demonstrate industry standard code development techniques. 5. Develop logic structures. 6. Develop loop structures. 7. Develop control structures. 8. Understand data types. 9. Understand functions. 10. Create, update, and process data files. 11. Understand techniques required for security in computer programming.
MnTC goal areas:	None

Can be taking as a Prerequisite or Corequisite.