CPTR2242 - Java Programming

Credits:	3 (2/1/0)
Description:	In this course the student utilizes the Java programming language to create both Internet applets and applications.
Prerequisites:	
Corequisites:	
Pre/Corequisites [*] :	
Competencies:	 Be aware of structured and object-oriented programming design methodologies. Understand the basic components of a Java program, including methods, special symbols, and identifiers. Examine how a program evaluates arithmetic expressions. Explore how to properly structure a program, including using comments to document a program. Demonstrate how to import packages. Explain type casting. Use object and reference variables. Utilize the class String. Demonstrate how to use input and output dialog boxes in a program. Code control structures. Utilize relational and logical operators. Define modifiers. Explore variables as parameters. Create packages. Demonstrate knowledge of the abstract data type (ADT). Create one-dimensional and multidimensional arrays. Test and debug Java programs.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*