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:	1. Be aware of structured and object-oriented programming design methodologies. 2. Understand the basic components of a Java program, including methods, special symbols, and identifiers. 3. Examine how a program evaluates arithmetic expressions. 4. Explore how to properly structure a program, including using comments to document a program. 5. Demonstrate how to import packages. 6. Explain type casting. 7. Use object and reference variables. 8. Utilize the class String. 9. Demonstrate how to use input and output dialog boxes in a program. 10. Use predefined and user-defined methods in a program. 11. Code control structures. 12. Utilize relational and logical operators. 13. Define modifiers. 14. Explore variables as parameters. 15. Create packages. 16. Demonstrate knowledge of the abstract data type (ADT). 17. Create one-dimensional and multidimensional arrays. 18. Test and debug Java programs.
MnTC goal areas:	None

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

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