

CPTR2242 - Java Programming

| Credits: | 3 (2/1/0) |
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| 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. Use predefined and user-defined methods in a program. Code control structures. Utilize relational and logical operators. Define modifiers. 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.