CSCI 2001: Object Oriented Programming (CS1)

A. COURSE DESCRIPTION

Credits: 4
Lecture Hours/Week: 0
Lab Hours/Week: 0
OJT Hours/Week: *.*

Prerequisites:
This course requires both of these prerequisite categories
1. One of these two
   A score of 79 on test Accuplacer College Level Math
   MATH 1150 - College Algebra (Minimum grade: 1.67 GPA Equivalent)
   And
2. CSCI 1130 - Introduction to Programming in Java (CS0) (Minimum grade: 1.67 GPA Equivalent)

Corequisites: None
MnTC Goals: None

Students will learn object-oriented programming while creating algorithms. The basic principles of software engineering are emphasized. By doing their own Java projects, students will develop problem-solving skills and gain experience in detecting and correcting software errors. Procedures, recursion, and iteration will be presented in the development of algorithms. Inheritance and polymorphism are studied. The use of abstraction will be emphasized throughout the course.

B. COURSE EFFECTIVE DATES: 07/02/2018 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

None

D. LEARNING OUTCOMES (General)

None

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted