



Mendocino College

COURSE LEVEL STUDENT LEARNING OUTCOMES

Effective Date:

12/6/2007

Title: Programming and Algorithms I
(limit to 50 characters including spaces)

Discipline/Number: CSC 221

Instructor Contact: Tonia Widler

Date Submitted /Modified: 11/13/2007

Units Min:	3	Units Max:	3	Lecture Hours:	2.5	Lab Hours:	1.5
<i>If this is a variable unit course, the relationship between earned units and any difference in expected SLOs should be explained.</i>							

Student Learning Outcomes:

1. Design software projects
2. Write applications (or applets) using an object-oriented programming language including:
 - a. Looping and branching constructs
 - b. Classes provided by the language and programming environment, such as the Java Application Programming Interface (API)
 - c. User-defined classes
 - d. Primitive data types, reference variables, and arrays
 - e. Instance and class methods, instance and class data
3. Use a modern object-oriented language and development environment, such as Java Software Development Kit (Java SDK) to develop and debug applications or applets
4. Document programs so others can understand their operation
5. Test programs to verify their operation

Instructor(s): _____
(Signature)

(Date)
