

COURSE OUTLINE

Revision: Olga Shatunova, Heidi Lyman December 2008

DEPARTMENT:	Academic Programs
CURRICULUM:	The Natural World
COURSE TITLE:	Mathematics Workshop
COURSE NUMBER:	MATH 198
TYPE OF COURSE:	Academic Transfer
Special Requirement Met:	None
AREA(S) OF KNOWLEDGE:	The Natural World
COURSE LENGTH:	1 quarter
CREDIT HOURS:	1 - 5
LECTURE HOURS:	11- 55
LAB HOURS:	0
CLASS SIZE:	Variable
PREREQUISITES:	Instructor permission

COURSE DESCRIPTION:

A problem-solving workshop approach to math topics considered appropriate by the instructor. Topics may included study skills, note-taking systems, test-taking strategies and group problem solving approaches. Emphasis on building skills in a variety of areas such as fractions, percents, linear equations, polynomial and rational functions, inequalities, exponents and radicals, word problems, systems of linear equations, graphs, functions statistics and geometry.

Math 198 Mathematics Workshop
April 2008

STUDENT LEARNING OUTCOMES ADDRESSED:

Due to the nature of this course, i.e.: a course designed for specific requirements, the following are important components

1. Communication – Read and listen actively to learn and communicate
2. Computation – Use arithmetic and other basic mathematical operations as required by program of study. Apply quantitative skills for personal, academic and career purposes.
3. Critical Thinking and Problem Solving – Think critically in evaluating information, solving problems and making decisions
4. Personal Responsibility – Be motivated and able to continue learning and adapt to change.

GENERAL COURSE OBJECTIVES:

To be determined by contracting parties with SSCC

TOPICAL OUTLINE:

To be determined by agreement between requesting party and SSCC

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DATE: December 2008

MATH 198 Mathematics Workshop
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SLO #	Included in Course Objective Number	SSCC Student Learning Outcomes
SLO 1.1		Communication - Read and listen actively
SLO 1.2		Communication - Speak and write effectively
SLO 2.1		Computation - Use mathematical operations
SLO 2.2		Computation - Apply quantitative skills
SLO 2.3		Computation - Identify, interpret, and utilize higher level mathematical and cognitive skills
SLO 3.1		Human Relations - Use social interactive skills to work in groups effectively
SLO 3.2		Human Relations - Recognize the diversity of cultural influences and values
SLO 4.1		Critical Thinking and Problem Solving -
SLO 5.1		Technology - Select and use appropriate technological tools
SLO 6.1		Personal Responsibility - Be motivated and able to continue learning and adapt to change
SLO 6.2		Personal Responsibility - Value one's own skills, abilities, ideas and art
SLO 6.3		Personal Responsibility - Take pride in one's work
SLO 6.4		Personal Responsibility - Manage personal health and safety
SLO 6.5		Personal Responsibility - Be aware of civic and environmental issues
SLO 7.1		Information Literacy - Access and evaluate information
SLO 7.2		Information Literacy - Use information to achieve personal, academic, and career goals, as well as to participate in a democratic society

- Student learning outcomes to be determined by contracting parties and SSCC

PREPARED BY: O. Shatunova and H. Lyman
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