

_____ SOUTH SEATTLE COMMUNITY COLLEGE _____

Academic Programs

COURSE OUTLINE

Revision: Ryan Dorman, Olga Shatunova, Jian Zou, April 2008

DEPARTMENT: Academic Programs

CURRICULUM: Mathematics

COURSE TITLE: Special Topics in Mathematics

COURSE NUMBER: MATH 298

TYPE OF COURSE: Academic Transfer
Special Requirement Met:

AREA(S) OF KNOWLEDGE: The Natural World: Science, Technology and the Environment/ The Language of Science

COURSE LENGTH: 1 quarter

CREDIT HOURS: 1 - 5

LECTURE HOURS: 11- 55

LAB HOURS: 0

CLASS SIZE: 35

PREREQUISITES: Instructor permission

COURSE DESCRIPTION:

Special topics of transfer level mathematics

STUDENT LEARNING OUTCOMES ADDRESSED:

1. Computation- Identify, interpret and utilize higher level mathematical and cognitive skills (for those students who choose to move beyond the minimum requirements as stated above.)

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STUDENT LEARNING OUTCOMES ADDRESSED: (cont.)

2. Communication – Read and listen actively to learn and communicate
3. Critical Thinking and Problem Solving – Think critically in evaluating information, solving problems, and making decisions.
4. Technology – Select and use appropriate technology tools for personal, academic and career tasks.
5. Personal Responsibility – Be motivated and able to continue learning and adapt to change. Value one's own skills, abilities, ideas and art. Take pride in one's work. Be aware of civic and environmental issues

GENERAL COURSE OBJECTIVES:

Special topics of transfer level mathematics

TOPICAL OUTLINE:

Varies

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| SLO # | Included in Course Objective Number | SSCC Student Learning Outcomes |
|---------|-------------------------------------|---|
| SLO 1.1 | 1 | Communication - Read and listen actively |
| SLO 1.2 | | Communication - Speak and write effectively |
| SLO 2.1 | 1 | Computation - Use mathematical operations |
| SLO 2.2 | 1 | Computation - Apply quantitative skills |
| SLO 2.3 | 1 | 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 | 1 | Critical Thinking and Problem Solving - |
| SLO 5.1 | 1 | Technology - Select and use appropriate technological tools |
| SLO 6.1 | 1 | Personal Responsibility - Be motivated and able to continue learning and adapt to change |
| SLO 6.2 | 1 | Personal Responsibility - Value one's own skills, abilities, ideas and art |
| SLO 6.3 | 1 | Personal Responsibility - Take pride in one's work |
| SLO 6.4 | | Personal Responsibility - Manage personal health and safety |
| SLO 6.5 | 1 | 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 |

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