

SYLLABUS
PART I
EDISON COMMUNITY COLLEGE
ENG 225S ADVANCED TECHNICAL WRITING
3 CREDIT HOURS

COURSE DESCRIPTION

Continues the practice of technical writing started in ENG 125S or on the job with emphasis on student's major. Emphasis on professional written products to include reports, instructions, mechanical descriptions, and illustrative graphics. Prerequisite: ENG 125S.

COURSE GOALS

The students will:

1. Successfully produce technical and scientific information clearly and accurately.
2. Practice the writing process of critical thinking, composing, revising and editing to produce a variety of technical assignments.
3. Write clear definitions, product manuals, process reports, and other technical reports.
4. Recognize that technical writing is a significant part of a technical education.
5. Use the library as a significant source of technical information.
6. Apply technical writing skills across the curriculum and on the job.
7. Successfully demonstrate the application of technical writing to the student's major or job.

CORE VALUES

The Core Values are a set of principles which guide in creating educational programs and environments at Edison. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives, and activities in this course will introduce/reinforce these Core Values whenever appropriate.

TOPIC OUTLINE

1. Professional Opportunities/Application
2. Problem Solving Research Methods
3. Lab Reports
4. Research Proposal
5. Graphics + Visual Aid Effectiveness
6. The Product Manual
7. Problem - Solution Research Paper, or Elective Topic
8. Instructions
9. Process Report
10. Product Liability (Warnings, Cautions, and Notes)
11. Definition Techniques
12. Application of Colors
13. Mechanical Description
14. Readability
15. Impact of New Technology on Writing
16. Audience Analysis & Motivation
17. Logic Errors in Scientific Thought and Critical Thinking
18. Ethics
19. Report Editing
20. The Nature of Discovery - Communicating Scientific Findings
21. Computer Applications
22. Computer Literature Searches & Internet
23. The Future of Man-Computer Communication