

NEW COURSE PROPOSAL

PROGRAM AREA ENGLISH

- 1. Catalog Description of the Course.** *[Include the course prefix, number, full title, and units. Provide a course narrative including prerequisites and corequisites. If any of the following apply, include in the description: Repeatability (May be repeated to a maximum of ___ units); time distribution (Lecture ___ hours, laboratory ___ hours); non-traditional grading system (Graded CR/NC, ABC/NC). Follow accepted catalog format.]*

ENGL 484 Technical Writing for the Sciences (3)

Three hours lecture/discussion per week

Prerequisites: ENGL 330. For Technical Writing Certificate students, ENGL 482

Writing for the Sciences requires a specialized understanding of the process of writing as well as the content of the final essay or article. Students will learn to do research in specialized fields and to write for a variety of scientific journals and other publications.

2. Mode of Instruction.

	Units	Hours per Unit	Benchmark Enrollment
Lecture	<u>3</u>	<u>1</u>	<u>25</u>
Seminar	<u> </u>	<u> </u>	<u> </u>
Laboratory	<u> </u>	<u> </u>	<u> </u>
Activity	<u> </u>	<u> </u>	<u> </u>

- 3. Justification and Learning Objectives for the Course.** (Indicate whether required or elective, and whether it meets University Writing, and/or Language requirements) *[Use as much space as necessary]*

This course is an elective in the English major and a required course in the Computer Science major.

Learning Objectives:

Students will learn to utilize strategies for writing which include:

- 1) demonstrating an understanding what is expected of any given writing task;
- 2) determining an appropriate focus for that task;
- 3) planning and researching;
- 4) composing a text that is well-organized and fully developed;
- 5) determining and following the conventions of grammar and style that are required for "successful writing" in a given science writing situation.

- 4. Is this a General Education Course** YES ☒ NO

If Yes, indicate GE category:

A (English Language, Communication, Critical Thinking)	
B (Mathematics & Sciences)	
C (Fine Arts, Literature, Languages & Cultures)	
D (Social Perspectives)	
E (Human Psychological and Physiological Perspectives)	
Upper-Division Interdisciplinary	

- 5. Course Content in Outline Form.** *[Be as brief as possible, but use as much space as necessary]*

This course serves as an introduction to the field of Science Writing. Topics include:

Research

Forms and Genres of Science Writing

Organizing and drafting

Identifying audience and purpose

Clarity of prose

Writing for specific fields
Evaluating science writing
Citation and documentation
Requirements of specific journals

6. References. *[Provide 3 - 5 references on which this course is based and/or support it.]*

Science and Technical Writing: A Manual of Style, Second Edition, Philip Rubens, Routledge, 2000.

The Craft of Scientific Writing, Michael Alley, Springer Verlag 1997

MIT Guide to Science and Engineering Communication, Second Edition, James G. Paradis, Muriel L. Zimmerman, MIT Press, 2002

Effective Communication Skills for Scientific and Technical Professionals, Harry E. Chambers, Perseus Press, 2000

7. List Faculty Qualified to Teach This Course.

Renny Christopher
Jacquelyn Kilpatrick

8. Frequency.

a. Projected semesters to be offered: Fall _____ Spring ____1____ Summer _____

9. New Resources Required.

- a. Computer (data processing), audio visual, broadcasting needs, other equipment
- b. Library needs
- c. Facility/space needs

10. Consultation.

Attach consultation sheet from all program areas, Library, and others (if necessary)

11. If this new course will alter any degree, credential, certificate, or minor in your program, attach a program modification.

____ Jacquelyn Kilpatrick & Renny Christopher _____ 1-6-03 _____
Proposer of Course Date