Faculty are required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT. BIOT                        COURSE NUMBER: BIOT 2297

NUMBER OF CREDITS: 2-8

COURSE TITLE: Internship

CATALOG DESCRIPTION: This course will give a student on the job experience in the field of biotechnology.

AUDIENCE:

FULFILLS MN TRANSFER CURRICULUM AREA(S) *(Leave blank if not applicable)*
Area: by meeting the following competencies:
Area: by meeting the following competencies:
Area: by meeting the following competencies:

PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE:

LENGTH OF COURSE: One semester

THIS COURSE IS USUALLY OFFERED:
Every other year fall spring X summer undetermined

Four goals are emphasized in course at Minnesota West Community & Technical College:

ACADEMIC CONTENT: The academic objectives of this course are:

a. To further develop biotechnological techniques at a biotech company.
b. To develop personal and professional skills at a biotech company.
c. To gain experience at a biotechnological company.
   a. Time management
   b. Assay preparation
   c. Large sample volumes
d. To apply obtained biotechnological skills and knowledge at a biotechnological company.

THINKING SKILLS: This course will help students improve the effectiveness of their thinking skills through:
Applying previously learned skills to the job site.
Students will have to use thinking skills to overcome problems that may arise at the workplace.
Learning new skills hands on at a job site.

COMMUNICATIONS SKILLS: This course will help students improve their oral and written communication skills through:
- Working with co-workers, supervisors to examine biological samples
- By conveying knowledge and understanding of biological techniques to co-workers
HUMAN DIVERSITY: This course will help students recognize, understand, and appreciate human diversity through:

TOPICS TO BE COVERED:
- Will vary depending on where the student is interning.

LIST OF EXPECTED COURSE OUTCOMES:
To further understand SOPs and GLPs and how they are used in the workplace.
To obtain knowledge and skill in the laboratory.
To gain work experience in the biotechnology field.

LEARNING/TEACHING TECHNIQUES used in the course are:

X Collaborative Learning  X Problem Solving
Student Presentations  X Interactive Lectures
Creative Projects  Individual Coaching
Lecture  Films/Videos/Slides
X Demonstrations  Other (describe below)
X Lab

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:

Reading  Tests  Individual Projects
Oral Presentations  Worksheets  Collaborative Projects
Textbook Problems  Papers  Portfolio
Group Problems  X Term Paper
Other (describe below)

EXPECTED STUDENT LEARNING OUTCOMES: Please refer to the list of expected course outcomes.

GRADING POLICIES AND EVALUATION PROCEDURES:
Grades will be assessed through term paper evaluation and also from communicating with the students supervisor of internship location.
Letter grades will be given for a final grade as follows:

A - 90% and above   B - 80 – 89%   C - 70 – 79%   D - 60 – 69%   F - Below 60%

Veteran Services: Minnesota West is dedicated to assisting veterans and eligible family members in achieving their educational goals efficiently. Active duty and reserve/guard military members should advise their instructor of all regularly scheduled military appointments and duties that conflict with scheduled course requirements. Instructors will make every effort to work with the student to identify adjusted timelines. If you are a veteran, please contact the Minnesota West Veterans Service Office.

To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.