

Course Title:
BME 475 Undergraduate Teaching Practicum

Course Description:

Students assist the faculty in teaching. Student activities will be limited to conducting not more than one lecture in the presence of the faculty, conducting recitation or laboratory sections that supplement a lecture course, grading mid-term or final exams, assisting to prepare course materials, or maintaining office hours to address course components in which they were actively involved.

Prerequisite: U4 standing; a minimum gpa of 3.00 in all SBU courses, grade of B or better in the course in which the student is to assist; instructor and departmental approval.

3 credits, A-F grading; 3 credits equals not more than 10 hours per week of total classroom contact and preparatory time.

Specific Information:

ABET (BME) Program Outcomes

(a) an ability to apply knowledge of advanced mathematics, science, biology, physiology, biotechnology, and engineering

(g) an ability to communicate effectively

(i) a recognition of the need for, and an ability to engage in life-long learning

Outcome Measures:

Outcome Measures

The Faculty Supervisor will write a letter evaluating the ability of the student to communicate effectively (g), to apply the knowledge necessary to teach this material (a), and to learn the additional materials required to teach the course (i). A numerical score of 1 to 5 will be assigned by the Faculty Supervisor for each item. A score of 1 is unsatisfactory, 3 is satisfactory and 5 is excellent. A total of 15 points are possible for these items. The letter will include the overall performance of the student with a statement regarding the teaching capability of the student. This letter will be due to the undergraduate program director by the last day of regular classes.

Grading:

Failure to submit the reports and/or final letter will result in assignment of and I, incomplete, grade. A total of 15 points are possible for this course. The grading cut off will be $\geq 12 = A$; $7.5 = C$; $< 5 = D$; instructor discretion will be used to assign B+, B, B-, C+ grades.