



HLC Accreditation 2020-2021

Evidence Document

College of Engineering

Biomedical Engineering

BME 590 Independent Study and Research Fall 2020

Additional information:

BME 590, Independent Study and Research, Fall 2020

- Instructor: Michael J. Jorgensen, PhD
- Department: Biomedical Engineering
- Office Location: 108H Wallace Hall
- Telephone: 316-978-5904
- Email: michael.jorgensen@wichita.edu
- Preferred Method of Contact: email
- Office Hours: Appointment only
- Classroom Day/Time: N/A
- Prerequisites: Instructor consent
- Teaching Assistant: N/A
- TA Contact: N/A

How to use this syllabus

This syllabus provides you with information specific to this course, and it also provides information about important university policies. This document should be viewed as a course overview; it is not a contract and is subject to change as the semester evolves. Changes to this syllabus will be communicated verbally as well as by email.

Academic Integrity

Students at Wichita State University are expected to uphold high academic standards. WSU will not tolerate a lack of academic integrity. Students are responsible for knowing and following the Student Code of Conduct http://webs.wichita.edu/inaudit/ch8_05.htm and the Student Academic Honesty policy http://webs.wichita.edu/inaudit/ch2_17.htm. When the faculty member determines sanctions are warranted for violations of academic integrity, regardless of severity, the faculty member must report the infraction to the Office of Student Conduct and Community Standards. If you need more information about the process or wish to appeal a decision, please visit https://www.wichita.edu/about/student_conduct/ai.php

Course Description

Independent study or research directed by a faculty member affiliated with Biomedical Engineering. May be repeated for credit. A maximum of 3 credit hours may be applied toward graduation. For undergraduate students only.

Measurable Student Learning Outcomes

Upon successful completion of this course, students will have:

1. Identified a topic for study in consultation with the instructor
2. Evaluated the topic in terms of its relevance to the discipline
3. Reviewed appropriate resources, e.g., readings, appropriate to the topic
4. Engaged in assessment covering the topic to assure competency in topic area

Required Texts/Readings Textbook

The readings will be determined based on the topic of the independent study/research to be performed by the students.

Other Readings

N/A

Class Protocol

Though this is an online class, participation is still crucial. "Participation" involves reading the assignments thoroughly, reading any handouts provided for the week, watching all videos (including update videos I add throughout the semester), contributing to class discussions, and completing online assignments. To be successful in this class, you should be checking your student email daily and logging in to our course at least 3 times a week.

Contact Policy

Email communication is preferred. Feel free to email me any questions or concerns following these guidelines:

- Use the course number (BME 590) in the subject line of the email

Grading Scale

WSU uses a +/- grading scale for final grades and to calculate grade point averages. In this class, grades are assigned according to the following chart. (Other classes might assign grades differently: Be sure to understand the different grading scales in all of your classes.)

Points/Percentage	Letter Grade	Grade Points	Interpretation
93-100	A	4.00	A range denotes excellent performance
90-92	A-	3.70	
87-89	B+	3.30	
83-86	B	3.00	B range denotes good performance
80-82	B-	2.70	
77-79	C+	2.30	
73-76	C	2.00	C range denotes satisfactory performance
70-72	C-	1.70	
67-69	D+	1.30	
63-66	D	1.00	D range denotes unsatisfactory performance
60-62	D-	0.70	
<60	F	0.00	

Assignments

Please see tentative schedule for assignments and due dates

Late Assignments

Credit will not be given for late assignments

Missed Assignments and Exams

Contact me (via email preferred) PRIOR to missing assignments, exams and quizzes. Depending on the circumstance documented verification (e.g., physician's note) may be required. Otherwise a zero will be recorded for the assignment/exam/quiz.

Extra Credit

Extra Credit is not available in this course.

Syllabus Policies and Student Resources

All students should familiarize themselves with the course-related policies and student resources that can be found at: www.wichita.edu/syllabuspolicies

These include, but may not be limited to:

Information on:

- COVID-19 conditions
- Important Academic Dates
- Academic Integrity
- Definition of a credit hour

- Video and Audio recording
- Shocker Alert System
- Intellectual Property
- CARE Team
- Counseling and Prevention Services
- Student Health Services
- Heskett Center and Campus Recreation
- Inclusive Excellence and Respect for Diversity
- First Generation Students
- Names and Pronouns
- Students with Disabilities
- Title IX
- Concealed Carry Policy

Tentative Schedule – BME 590 Fall 2020

Week	Date	Topics, Readings, Assignments, Deadlines
1	8/17	Review course expectations with instructor
2		
3	8/31	Present topic of study to instructor for approval
4		
5		
6		
7		
8	9/5	Review appropriate resources, e.g., readings, appropriate to the topic
9		
10		
11		
12	11/2	Evaluate the topic in terms of its relevance to the discipline in the form of a presentation to the instructor
13		
14		
15		
16		
Final	TBD	Complete a paper on the topic in terms of its relevance to the discipline