

CBE 501 Fall 2017 Seminar

Course Objectives and Grading

Learning Objectives

The purpose of this course is to introduce you to eminent researchers in the field of chemical engineering, biomedical engineering, nanoscience and microsystems and engineering education. The course consists of one weekly meeting, from 4 – 5 PM in the CEC auditorium. Associated with the seminar is a journal club, where the host for the week's seminar will lead a discussion on some of the published work of the seminar speaker. This will give you a chance to read some of the published literature and hear our faculty explain the significance of the work being done by the speaker's we invite to visit our campus and present the departmental seminar. You will benefit from attendance at this discussion, but only if you try and read the papers before coming to the journal club. And a new feature, we want to encourage you to ask questions during the seminar.

Attendance

There will be a sign in sheet where you should sign in when you come to the seminars.

What we expect

To enhance student participation in the seminars, we would like you to sit towards the front of the auditorium, preferably in the first 5 rows, since it is a large auditorium. It is also rude and disrespectful to be using electronic devices, cell phone, laptops, tablets etc. during the seminar, unless it is for taking notes or an emergency. Of course, if you can manage to do this and ask insightful questions of the seminar speaker, as some of our faculty do, then we will excuse you.

Journal club

The location and the host will be announced on UNM learn, check each week to find out where the journal club will be held and the papers that have been assigned for reading. You will benefit from reading these papers, even if you cannot attend the journal club meetings. By reading these papers in advance of the seminar, you will likely understand the subject better. Learning to read and appreciate the technical literature is important, and is essential for the PhD qualifying exam where you are assigned a set of papers from which you choose one to critically analyze. To encourage you to read the papers and attend the journal club, we will assign points. Please click on the prompt under assignments and state which journal club you attended and a brief statement on what you learned.

Asking a question during seminar

You may find it difficult to ask a question, but if you come prepared and pay attention during the seminar, you may want to seek clarification on some aspect, or you may want to understand the broader significance and impact of the work. Generally, the question and answer portion of the seminar can constitute a better learning opportunity than the seminar itself. To encourage you to do this, we will assign points for asking questions. The way you earn them is to actively participate, and then on UNM Learn, submit your question and answer on the prompt in the assignments tab.

Grading

Attendance at seminars (10 points each, up to 80 points)

Participation in the journal club (5 points each)

Asking a question during seminar (5 points each)

A+	100 and above
A	90 points
A-	80 points
B+	70 points
B	60
B-	50
C	You don't want to do this