

Graduate Seminar Syllabus EECE 7002

Spring Semester 2025

This syllabus is subject to modification.

ORGANIZER: Professor Chong H. Ahn

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Office hours: Wednesday 2:00-3:00 PM in 900 Rhodes

SEMINAR: Wednesday 3:35-4:35pm, Clifton Court Hall 1210

TEXTBOOKS: None

COURSE GOAL: This graduate seminar course is designed to help new EECE graduate students find and understand their research topics, methods, skills, tools, information, and required work ethics. This seminar is composed of two parts. The first part covers essential research skills needed to find a research topic, write a technical paper, and make a technical presentation. The second part consists of presentations by faculty who want to share their research work with new graduate students in ECE Department.

EXAM: None

QUIZ: None

HOMEWORK ASSIGNMENT: None

ATTENDANCE: Students are required to attend all seminars. If students miss more than two weeks of the seminar, they fail this course. All signatures required on the attendance chart of seminar will be checked and verified.

RELIGIOUS ACCOMMODATIONS:

Ohio law and the University's Student Religious Accommodations for Courses Policy 1.3.7 permits a student, upon request, to be absent for reasons of faith or religious or spiritual belief system or participate in organized activities conducted under the auspices of a religious denomination, church, or other religious or spiritual organization and/or to receive alternative accommodations with regard to examinations and other course requirements due to an absence permitted for the above-described reasons. Not later than fourteen days after the first day of instruction in the course, a student should provide the instructor with written notice of the specific dates for which the student requests alternative accommodations. For additional information about this policy, please contact the Executive Director of the Office of Equal Opportunity and Access at (513) 556-5503 or oeohelp@UCMAIL.UC.EDU.

CONDUCT: The University Rules, including the Student Code of Conduct (SCC), and other documented policies of the department, college, and university related to academic integrity will be enforced. Any violation of these regulations, including acts of plagiarism or cheating, will be dealt with on an individual basis according to the severity of the misconduct. Unless explicitly stated, the SCC applies to any assignment that counts towards a student's course grade.

WITHDRAWAL: Check Catalyst for the last day to withdraw from this course and receive a "W" grade.

GRADING: Grading is Pass/Fail based on attendance in person. If students miss more than two weeks of the seminar, they fail the course. All signatures required on the attendance chart of seminar will be checked and verified.

SEMINAR SCHEDULE AND TOPICS:

Day	Presenter	<i>Topic</i>
January 15, 2025	Marc Cahay	“The Scientific Method and Academic and Professional Integrity”
January 22	Phil Wilsey	“Research Software Management”
January 29	Mark Chalmers, Aja Bettencourt-McCarthy	“Library Resources available to students, importance of citation, citation styles, and plagiarism”
February 5	Vesna Novak	“How to do a literature survey?”
February 12	Jane E Combs	“Powered by ARC: Accelerating, Scaling and Securing your Research and Data: AI/ML, Data Science/Analytics/Visualization, Image Processing, Modeling/Simulation, Education/Training”
February 19	Maddie Bourbon, Sev Sheets	“Intellectual Properties and Patents”
February 26	Boyang Wang	“Common Mistake in Research”
March 5	Amy Koshoffer	“Data Management for Research Projects”
March 12	TBD	
March 26	TBD	
April 2	TBD	
April 9	TBD	
April 16	TBD	
April 23	TBD	