Department of Engineering Education Graduate Courses
Autumn 2018

eed.osu.edu/eed-graduate-program

ENGR 6194
Learning Theory, Pedagogy, and Assessment
3 Credits
Instructors: David Delaine (delaine.4@osu.edu)
Jeff Froyd (froyd.1@osu.edu)

Tuesdays and Thursdays, 11:10am – 12:30pm
Scott Lab N044

This course is designed to provide foundational understandings of educational learning theory, pedagogy and assessment methods within engineering education. The processes learned will inform research and instructional practice decisions, approaches and analysis.

ENGR 7891
GTA Practicum I
2 Credits

Instructor: Rachel Kajfez (kajfez.2@osu.edu)

Mondays, 5:15-7:05pm
Caldwell 277

This course is designed to supplement Graduate Teaching Assistant (GTA) content based training by exposing GTAs to instructional pedagogies. Specifically, it is designed to be a practical introduction to engineering education for GTAs. Topics include, but are not limited to, creating learning objectives, teaching problem-based learning, using assessment for learning, best practices in instructional methods, techniques for self-reflection, etc. This version of the course is specifically designed for GTAs who are new to the Department of Engineering Education (EED).

ENGR 7881
Seminar
1 Credit
Instructor: Ann Christy (christy.14@osu.edu)

Fridays, 10:20 am – 11:15 am
Baker Systems 136

This course is designed to provide students with the ability to maintain contemporary knowledge of the field of engineering education, understand how to communicate within the field, provide exposure to different stakeholders, and build community among engineering educators.

ENGR 7194
Foundations
3 Credits
Instructors: David Delaine (delaine.4@osu.edu)
Emily Dringenberg
(dringenberg.1@osu.edu)

Wednesdays, 2:15-5:00pm
Caldwell 277

This course is designed to prepare students for future courses and careers in engineering education. Students will engage with literature focusing on theories and frameworks which highlight fundamental issues, questions, and approaches in engineering education.