INTEGRATED LEARNING EXP (CILE)

CILE-101 First Year Foundations 1 Credits
Prerequisites: None
Critical information will be provided on personal, academic and professional development for first-year students. Class discussions will support student engagement in the Kettering community, help make important connections for students to develop a sense of self-governance, and set a foundation for both critical thinking and reflective learning mindset. Students will learn to interact in the academic and cooperative work environments successfully. Mentoring and interaction with the instructors will provide support and guidance for students to be fully integrated into Kettering University. Discussions and assignments will enhance student transition and acclimation to Kettering University.
Lecture: 1, Lab 0, Other 0

CILE-400 Culminating Undergraduate Experience: Thesis 4 Credits
Prerequisites: None
The Kettering University senior thesis is an individual culminating project (or portion of a project) completed and documented by the Kettering undergraduate student, providing an opportunity for the student to apply academic and experiential learning to a real-world issue. The thesis is guided by the student’s co-op employer or a university research faculty member. This project is completed over a two to three term period at the co-op workplace and/or on campus.
Lecture: 0, Lab 0, Other 0

CILE-490 Multidisciplinary Capstone 4 Credits
Prerequisites: None
Minimum Class Standing: Senior 1
Terms Offered: Summer, Fall, Winter, Spring
This course challenges multidisciplinary teams of students to integrate and synthesize general engineering and/or science knowledge in a comprehensive design experience focusing on a project with direct application to a real world, open-ended problem. This course fulfills the requirement of a student’s degree department Senior (Engineering) Design/Capstone, Technical Elective or Free Elective.
Lecture: 4, Lab 0, Other 0