

ISE 112 - Computer Graphics - Fall 2017

Faculty	Dr. Emory W. Zimmers, Jr.
Instructor	Dr. Charalambos Marangos, 610.758-6584, cell: 610.350.7649
Office	Room 205, Mohler Lab
E-mail	cm00@Lehigh.EDU or camarangos@gmail.com
Office Hours	Mo, Tu, Th, Fr 4-5, and by appointment

Course Description: ISE 112. Computer Graphics (1) fall

Introduction to interactive graphics and construction of multi-view representations in two- and three-dimensional space. Applications in industrial engineering and general engineering practice.

Laboratory Objectives: The objective of this laboratory is to familiarize the students with (1) design graphics and (2) presentation graphics applications typically available to Industrial and Systems Engineers. Emphasis will be placed on gaining a working knowledge of these applications, so that they can be used during other courses at Lehigh. Special projects may be assigned during the course of the semester and content and important technical areas such as analytics will be utilized.

Prerequisite: Sophomore standing in Industrial Engineering, Engineering 1 (or current equivalent).

Attendance: Students are responsible for all material covered in class including any announcements about laboratory assignments and quizzes.

Grading:

Lab assignments and unannounced short quizzes: 60%
Mid Semester Quiz: 10%
Semester Projects: 20%
Participation: 10%

All assignments are to represent individual effort unless specified otherwise. For example, a project team submission will be acceptable for certain course work and will be announced and included in the written assignment specification. All assignments are due at the start of the following lab unless otherwise announced.

Text: Handouts and Course Site material

NOTE: Any voice or video recording device may be used only with the approval of the instructor and all participants of the course.

Accommodations for Students with Disabilities:

If you have a disability for which you are or may be requesting accommodations, please contact both your instructor and the Office of Academic Support Services, Williams Hall, Suite 301 (610-

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758-4152) as early as possible in the semester. You must have documentation from the Academic Support Services office before accommodations can be granted.

The Principles of Our Equitable Community:

Lehigh University endorses The Principles of Our Equitable Community [http://www.lehigh.edu/~inprv/initiatives/PrinciplesEquity_Sheet_v2_032212.pdf]. We expect each member of this class to acknowledge and practice these Principles. Respect for each other and for differing viewpoints is a vital component of the learning environment inside and outside the classroom.