

ID 1101 Syllabus

Intro to Industrial Design I – Fall 2025

v1

1 Credit Hour

Monday, 6:00 - 6:50 pm

Instructor Information

Instructor

Kevin Shankwiler, IDSA

Email

Email instructor via Canvas

Office Hours & Location

Open door, or by appointment
253, West Arch.

General Information

Course Description

This course will parallel your first-year design studio. Introduction to the world of Industrial Design - a survey of career options and education topics based on the evolving role of industrial designers in fields as diverse as product design, design research service design, design for manufacture, interface design, user experience and interaction design.

We will investigate traditional product design, in both corporate and design firm settings for a wide variety of products. Students will learn about various facets of design, such as: design research, design strategy, and about current trends in the business of design. We will investigate emerging industrial design careers including UX/UI Design, Design Strategy, Exhibit Design, Packaging Design, In-store Display Design, Environmental Design, and Experiential Design. There will also be discussions on design topics, including: Principles of design, inspiration, ideation, critique, research, details and others.

Pre- & or Co-Requisites

This course follows in sequence and is required for your industrial design major. Special permission must be given to take this course out of sequence.

Course Goals and Learning Outcomes

Course Goals: Students learn about the constantly changing world of Industrial Design through lectures, guest speakers and class discussions and reflections.

course goals are:

- Familiarize students with an overview of the origins of the field of Industrial Design.
- Expose students to a variety of Industrial Design practitioners and to explore the differences and variety of their practices.
- Help students understand the structure of design education.
- Help students explore and imagine their own possible design career pathways.
- Help students understand current practices in Industrial Design.
- Explore the evolving world of Industrial Design and to discuss current design trends.
- To facilitate student engagement in dialogs with a variety of leading local design practitioners.

Learning Outcomes: Upon completion of the course students are expected to demonstrate knowledge, skill and abilities in the following areas:

- To exhibit an understanding of an overview of the origins of the field of Industrial Design.
- To exhibit an understanding of current Industrial Design practitioners and the differences and variety of their practices.
- To exhibit knowledge of the structure of design education.
- To exhibit an understanding of the breadth of design related careers so that students can make informed choices that will allow them to achieve their chosen career pathways.
- To exhibit an understanding of the various common practices in Industrial Design.
- To exhibit an understanding of the evolving world of Industrial Design and to be articulate in discussing current and future design trends.

Course Requirements & Grading Components

Assignment 1	15%
3 Quizzes	40%
Assignment 2	20%
Final Exam	15%
Attendance and Participation	10%
	100%

Extra Credit and Grade Dispute Policies and Procedures: There are no extra credit options for this course. If you have a grade dispute please email the instructor with the specific details of your concern. Due to the size of the course all grade discussions must be handled through email.

Assignment Turn-In: All outside assignments are to be turned in at the beginning of the following class period. Essays must have your name on them to be accepted.

Description of Graded Components: Each final project will be graded on a 100 point scale. Deductions will also be taken whenever specific assignments are turned in incomplete or late. Each final presentation will be evaluated using this project grade sheet:

Grading Scale: Grading will be based on the Georgia Institute of Technology system. No plus or minuses will be applied to the final grade. However, plus and minuses will be used for all the submissions during the semester. Students will have one week after each project grade submissions to discuss grading matters to the instructor.

Your final grade will be assigned as a letter grade according to the following scale:

A	90-100%	(Independent work style and exceeding expectations)
B	80-89%	(Meet expectations)
C	70-79%	(Meets the majority of expectations)
D	60-69%	(Fails to meet some expectations)
F	0-59%	(Fails to meet most expectations)

Instructional methods for teaching the course include:

- Lectures • Individual Written Assignments: Speaker Reflections and Short Essays
- In-class Group Discussions
- Guest Speakers
- Readings
- Essay Test

Weekly Learning Activities:

a. Lectures (1/2 hour) b. In Class Discussion and Exercises (1/4 hour) Total Credit Hours (1)

Course Materials

Course Text:

There is no assigned course text. The following books however are all recommended reading but are not required.

- **Design for the Real World** / Victor Papanek
- **The Design of Everyday Things** / Donald A. Norman
- **Manufacturing Processes for Design Professionals** / Thompson
- **Less and More** / Dieter Rams

Additional book list here: <https://www.fastcompany.com/1292961/30-most-important-books-product-designers>

Students are also encouraged to visit these other website resources:

- Industrial Designers of America IDSA.org
- Core 77 core77.com
- Coroflot coroflot.com
- DeZeen dezeen.com
- Sketch-a-day sketch-a-day.com
- leManoosh lemanoosh.com
- Converge Diverge converge-diverge.tumblr.com

Additional Materials/Resources

Student must have General note taking supplies & Computer Supplies: Laptop, appropriate software, flash drive, etc.

Course Website and Other Classroom Management Tools

The Canvas platform will be used to manage this course. If you have any questions about your grades or assignments feel free to email instructor for clarification.

Course Expectations & Guidelines

Academic Integrity

Georgia Tech aims to cultivate a community based on trust, academic integrity, and honor. Students are expected to act according to the highest ethical standards. For information on Georgia Tech's Academic Honor Code, please visit <http://www.catalog.gatech.edu/policies/honor-code/> or <http://www.catalog.gatech.edu/rules/18/>.

Any student suspected of cheating or plagiarizing on a quiz, exam, or assignment will be reported to the Office of Student Integrity, who will investigate the incident and identify the appropriate penalty for violations.

Accommodations for Students with Disabilities

If you are a student with learning needs that require special accommodation, contact the Office of Disability Services at (404)894-2563 or <http://disabilityservices.gatech.edu/>, as soon as possible, to make an appointment to discuss your special needs and to obtain an accommodations letter. Please also e-mail me as soon as possible in order to set up a time to discuss your learning needs.

Attendance and/or Participation

Attendance - Students are expected to attend and participate during each class session. Attendance for all classes, both in-person and online, scheduled exams or in-class presentations is required. If you know that you will miss a class due to an excused absence, please advise your instructor at least 24 hours in advance so that you can get all assignments and keep current with the class work.

Warning: Your class grade will be reduced by one letter grade if you have more than 2 UNEXCUSED absences. You class grade will be reduced by an additional letter grade for each additional unexcused absence.

Late Arrival - Students are expected to arrive on time to class. Depending on when you arrive to class, a late arrival can count from 1/4 to a full day absence if opening lecture is missed.

Participation - Students are expected to attend and participate during each class session. Participation means being actively involved in the activity of the class.

Collaboration & Group Work

This class may require some in class group work. All graded major assignments are designed to be individual work from each student, and no collaboration is allowed except group discussion and critique during assignments. Smaller assignments may be given that require group work.

Extensions, Late Assignments, & Re-Scheduled/Missed Exams

If any assignment is turned in from 1 hour to up to one week late, you can expect at least a 10 point reduction in the overall grade of that assignment. If your assignment is more than one week but less than 2 weeks late, 30 points will be deducted. No work will be accepted more than 2 weeks late. Students are expected to complete any assigned readings and come prepared to each class. Deadlines for all assignments and projects will be specified when they are given. Any in-class assignments will be due by the end of class unless otherwise specified. In-class activities may only be made up if you are absent for a valid reason. The instructor reserves the right to change the dates and modify assignments as necessary, with advanced notification.

Student-Faculty Expectations Agreement

At Georgia Tech, we believe that it is important to strive for an atmosphere of mutual respect, acknowledgement, and responsibility between faculty members and the student body. [The Student-Faculty Expectations](#) articulate some basic expectations that you can have of me and that I have of you. In the end, simple respect for knowledge, hard work, and cordial interactions will help build the environment we seek. Therefore, I encourage you to remain committed to the ideals of Georgia Tech while in this class.

Student Use of Mobile Devices in the Classroom

The use of mobile phones and computers is allowed for this course, but should be kept to a minimum. **DO NOT TAKE CALLS** while in class. You can use devices to take notes, or to record, but make sure that all sound is OFF. Emergency calls can be taken if you leave the room. **Also, please keep in mind that when we have speakers, it is polite to remain attentive. Please take notes, but do not check your social media or work on other projects.**

This syllabus may be subject to change during the semester. If changes are made, the syllabus will be updated online and you will be informed of the changes.