**Course Number:** ID 6102

**Course Title:** Design Studio A

**Credit Value:** 4 credit hours

**Course Times:**

**Instructor:**

**Email/Office Hours:**

***\*Graduate level requirements added***

This course was developed from ID4011 MID. New research assignments have been added and the course credit count has been reduced from 5 credits to 4 credits.

**General Information**

**Course Description:**

This introductory certificate studio introduces students to the GTID program philosophy and studio methods. The design studio lies at the heart of Industrial Design education and professional practice. Student learn a user centered, iterative design methodology that emphasizes on creativity, communication and empathy.

## Co-Requisites

ID6104, ID6105

**Course Goals and Learning Outcomes:**

Upon completion of the course students demonstrate knowledge, skill and abilities in the following areas:

* Design creativity: Develop multiple creative solutions for design assignments.
* Design development: Create a series of design prototypes and supporting materials that show the development of a design solution
* Design concept presentation. Present your design ideas in a compelling way.

**Weekly Learning Activities:**

* Lecture (2 hours)
* Studio/Workshop Sessions (6 hours)

**Course Requirements and Grading**

**Required Texts**

# The Ten Faces of Innovation: IDEO's Strategies for Beating the Devil's Advocate and Driving Creativity Throughout Your Organization, David Kelley

* The Design of Things to Come., Craig Vogel & Cagan
* The Art of Lateral Thinking. Edward DeBono

## Course Website and Other Classroom Management Tools

Canvas (<http://canvas.gatech.edu/>)/will be the main portal for dissemination of course information.

We will also use professional tools:

* Slack - project management and announcement
* BeHance - portfolio publishing (personal website would be encouraged additionally)
* Pinterest - collecting & archiving images
* LinkedIn - professional networks, reflection article.
* Google Drive - update work in progress and archive semester's work.

**Grading**

|  |  |  |
| --- | --- | --- |
| Assignment | Date | Weight (Percentage, points, etc) |
| Project 1 | Sep. 22 | 20% |
| Project 2 | Oct 10 | 20% |
| Project 3 | Nov 27 | 405 |
| Participation/Contribution | End of Term | 20% |

**Grading Scale**

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

A 90-100% (Guide: Independent work style and exceeding expectations)

B 80-89% (Guide: Meet expectations)

C 70-79% (Guide: Meets the majority of expectations)

D 60-69% (Guide: Fails to meet some expectations

F 0-59% (Guide: Fails to meet most expectations)

**Course Schedule**

|  |  |  |  |
| --- | --- | --- | --- |
| Week | Topic during class | Homework | Assignments Due |
| 1 | Course launch  Project 1: | *See project documentation* | *See project documentation* |
| 2 | Present project 1  Survey of Industrial Design methodologies |  |  |
| 3 | Designing for users  Class review |  |  |
| 4 | Project 2: |  |  |
| 5 | User profiles |  |  |
| 6 | Presentation techniques |  |  |
| 7 | Present Project 2 |  |  |
| 8 | User experience workshop |  |  |
| 9 | Project 3 |  |  |
| 10 | Design for platforms |  |  |
| 11 | Guest lecture |  |  |
| 12 | Studio tutorials |  |  |
| 13 | Studio tutorials |  |  |
| 14 | Final Presentation Project 3 |  |  |

**Course Expectations, Guidelines and Policies**

Design is learned through practice and rigor. You are expected to nurture your talent beyond class We recommend building a course folder to stay organized throughout the semester.

* There may be last-minute updates or revisions to certain projects. You will be required to check your email accounts on a daily basis.
* The course material is intended to build up a design library. You are encouraged to file information and contribute to the course at all times.

## 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 is mandatory. Students will be allowed two (2) unexcused absences, notifying the instructor in advance. All other absences will require documentation. Otherwise it will influence Participation Grading. If a student accrues more than four (4) unexcused and undocumented absences, the student will fail the class. Classes will start on time and at the assigned studio place, unless field studies or other are notified by the instructor. Attendance will be taken at the start of class. A “late arrival” will be recorded after attendance is taken within the first 15 minutes of the class, after that time the student is considered absent See information about the Institute’s absence policy at<http://www.catalog.gatech.edu/rules/4/>

## Collaboration and Group work

Typically, each member of a group receives the same mark unless a student is not contributing. Please inform the instructor immediately if a group member is not performing their assigned portion of the assignment. A lower grade or fail grade will be entered for a student not contributing to the group work.

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

Late-work policies: you should avoid late-work. Grading depends on the work progress you completed on the due day. Late assignments up to one week are graded for half marks. Assignments are not accepted after one week lateness and a fail grade is entered for the assignment.

## 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. See <http://www.catalog.gatech.edu/rules/22/> for an articulation of some basic expectation 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.

## Student Use of Mobile Devices in the Classroom

Please keep silent and no distraction in the classroom. If you need to take an urgent call, step outside the classroom.

## Additional Course Policies

* All work must be original
* No internet images or stock photography allowed.
* Social Media boundaries. LinkedIn – Yes Facebook – No
* Email. Work is done in the studio. Keep email communications brief and to the point.
* No pets in studio
* No texting or phone calls during studio. If you have urgent phone call please step outside classroom.
* No eating in class. Coffee and water encouraged and please clean up

**Campus Resources for Students**

We encourage making use of the range of laboratories, workshops and makers spaces around campus. In the School of ID we house the ID Shop (basement), Body Scan Lab, IPDL Lab and Driving Lab. Please contact workshop and lab staff to arrange working space and access to facilities. The Digital Fabrication Lab is a few minutes away.

**Student Academic Bill of Rights**

* The right to attend classes at regularly scheduled times without deviation from such time and without penalty if the student cannot attend instructional, lab, or examination hours not institutionally scheduled.
* The right to consult with an assigned and qualified advisor for a reasonable amount of time each term.
* The right to consult with faculty outside usual classroom time such as regularly scheduled office hours by appointment.
* The right to have reasonable access to campus facilities of which use is required to complete course assignments and/or objectives.
* The right to receive a syllabus for each course at the first class meeting. The syllabus should include an outline of the course objectives, criteria used in determining the course grade, and any other requirements. Students should be informed of any changes made to the syllabus with reasonable time to adjust to these changes.
* The right to have reasonable time to learn course material prior to the administration of an examination.
* The right of each student to receive access to any of his/her records kept by the institution.
* The right to have reasonable access to grading instruments and/or evaluation criteria and to have graded material returned in a timely fashion.
* The right to be informed of the grade appeals process.
* The right to have reasonable facilities in which to receive instruction and examinations.
* The right to be informed in each course of the definition of academic misconduct.

Last update 01/08/2019