IDEA 210  Introduction to Design Thinking (GT-AH1)  Credits: 3 (3-0-0)
Course Description: Design thinking is a creative, flexible process that fosters innovation. Content and projects promote building creative competence and an appreciation for thinking across disciplines to develop a new mindset and skillset that guides innovation. Learning tools to develop compelling ideas for meaningful societal and marketplace impact will be explored.
Prerequisite: None.
Registration Information: Credit not allowed for both IDEA 210 and IDEA 280A1.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.
Additional Information: Arts & Humanities 3B, Arts & Expression (GT-AH1).

IDEA 310A  Design Thinking Toolbox: Paper Products  Credit: 1 (0-2-0)
Course Description: Employing design theories and methods to projects using paper-based media that promote "iterative tinkering" through exploration of various design processes.
Prerequisite: IDEA 210.
Registration Information: This is a partial semester course.
Grade Mode: Traditional.
Special Course Fee: No.

IDEA 310B  Design Thinking Toolbox: 3D Modeling  Credits: 2 (0-4-0)
Course Description: Employing design theories and methods to 3D modeling projects that promote "iterative tinkering" through exploration of various design processes using computer software.
Prerequisite: IDEA 210.
Registration Information: This is a partial semester course.
Grade Mode: Traditional.
Special Course Fee: No.

IDEA 310C  Design Thinking Toolbox: Advanced 3D Modeling  Credits: 2 (0-4-0)
Course Description: Employing design theories and methods to advanced 3D modeling projects that promote "iterative tinkering" experiences through exploration of design processes.
Prerequisite: IDEA 310B.
Registration Information: This is a partial semester course.
Grade Mode: Traditional.
Special Course Fee: No.

IDEA 310D  Design Thinking Toolbox: Digital Imaging  Credit: 1 (0-2-0)
Course Description: Design theories and methods employing digital imaging projects that promote "iterative tinkering" experiences through exploration of various design processes.
Prerequisite: IDEA 210.
Registration Information: This is a partial semester course.
Grade Mode: Traditional.
Special Course Fee: No.

IDEA 310E  Design Thinking Toolbox: Wood  Credits: 2 (0-4-0)
Course Description: Employ design theories and methods to wood projects that promote "iterative tinkering" through exploration of various design processes in a maker space setting.
Prerequisite: IDEA 210.
Registration Information: This is a partial semester course.
Grade Mode: Traditional.
Special Course Fee: No.

IDEA 310F  Design Thinking Toolbox: Textiles  Credit: 1 (0-2-0)
Course Description: Employ design theories and methods to textile projects that promote "iterative tinkering" through exploration of various design processes in a maker space setting.
Prerequisite: IDEA 210.
Registration Information: This is a partial semester course.
Grade Mode: Traditional.
Special Course Fee: No.

IDEA 310G  Design Thinking Toolbox: Infographics  Credit: 1 (0-2-0)
Course Description: Employ design theories and methods to infographic projects that promote "iterative tinkering" through exploration of various design processes.
Prerequisite: IDEA 210.
Registration Information: This is a partial semester course.
Grade Mode: Traditional.
Special Course Fee: No.

IDEA 450  Design Thinking Collaborative  Credits: 4 (1-6-0)
Course Description: Culminating interdisciplinary experience that offers an opportunity to partner with industry or community partners to propose solutions to vexing real-world problems. Content and activities include a semester-long project to create a problem brief, develop and test prototypes, and deliver professional presentations to diverse audiences.
Prerequisite: IDEA 310A to 310G - at least 3 credits.
Registration Information: Junior standing. Completion of AUCC Category 2. Must register for lecture and laboratory.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.