Spring 2020 Minor/Non-Major Course Offerings

ACAD-260 Introduction to Healthcare Innovation (T/TH 2-3:50pm)
Introductions to various health innovations, including pathways, technology, techniques and outcomes. A framework for innovation in healthcare and overview of tools for health innovators.

ACAD-181 Disruptive Innovation – Social Analysis GE (M/W 6-8:20pm)
Critical approaches to social and cultural changes stemming from disruptive innovations in the arts, science, technology, communications, new media, politics and business. Note: Must be a declared Academy minor to enroll.

ACAD-177 Digital Toolbox for Design (W 5-7:50pm)
Basics of industry-standard creative, analytical and presentation software. Applications include design, illustration, presentation and publishing.

ACAD-176 Rapid Visualization (M/W 2-4:50pm)
Techniques, methods, concepts, tools, and materials that are used to quickly visualize and communicate ideas and develop problem-solving skills.

ACAD-188 Digital Toolbox: Modeling Products I (T/Th 6-7:50pm- runs weeks 1-8)
Tools and techniques specific to CAD design and design improvements, focused on the ideation and development new products.

ACAD-189 Digital Toolbox: Modeling Products II (T/Th 6-7:50pm-runs weeks 9-16)
An investigation of the tools and techniques specific to intermediate CAD design and design improvements, focused on the ideation and development new products.

ACAD-207 Multimedia for Designers and Entrepreneurs I (M/W 2-4:50pm)
Basics of industry-standard hardware and software specific to creating effective and compelling multimedia experiences.

ACAD-240 Materials: Denim to Nanotubes (M/W 3-4:50pm)
Covers the fundamentals of materials science and introduce students to the principles of designing with specific materials in mind.

ACAD-307 Multimedia for Designers and Entrepreneurs II (M/W 5-7:50pm)
Designing effective and compelling multimedia experiences, including through the application of intermediate tools and techniques related to state-of-the-art creative hardware and software.

ACAD-345 Product Design II (T/Th 2-4:50pm)
A thorough look into developing a feasible consumer product through implementing all aspects of the R&D; process, including consumer insights, competitive analysis, ideation, and manufacturability.

**ACAD-324 The Practice of Design: Ideation to Innovation- Arts GE (T/Th 2-4:50pm)**

History and application of proven collaborative design processes and methodologies as they relate to ideation and innovation.

*ACAD-178 Digital Toolbox: Motion Graphics (9-11:50am)*

Course covers the basics of industry standard software for motion graphics, visual effects, animation design, generative art, and interactive visual experiences.

*ACAD-180 Digital Toolbox: Sound and Audio (TH 9-11:50am)*

Course covers the basics of industry-standard hardware and software used for designing, creating, processing, and distributing sound and audio.

*ACAD-245 Product Design I (T/Th 6-8:50pm)*

An introductory course in learning how to design physical products, including the processes for determining consumer need, market opportunity and competitive product analysis.

*ACAD-280 Designing for Experiences (M/W 2-4:50pm)*

Designing effective and elegant interfaces and experiences for the ways people interact with data, devices, systems and environments.

*Course is prioritized for Academy majors in the Spring. After all majors are registered, any remaining spots in the class will be open to minors*