

# inworks

## HUMAN-CENTERED DESIGN & INNOVATION

Inworks is an initiative of the University of Colorado Denver Anschutz Medical Campus that draws together faculty, staff and students from across the two campuses, as well as entrepreneurs and leaders from industry, government, education and the community, to address problems of importance to human society. Our mission is to impart skills and habits of mind that allow people to collaboratively create impactful solutions to human problems. Inworks seeks to create innovative solutions to some of the world's most challenging problems, while in the process creating life-long innovators.

Inworks provides an extensive range of offerings in our state-of-the-art design and rapid prototyping spaces to facilitate the process of turning innovative ideas into tangible realities. Our courses, certificates and minor complement any degree. Most Inworks courses have no prerequisites.

### undergraduate certificate + minor

**Start with the foundation course:**

**IWKS 2100: Human-Centered Design, Innovation & Prototyping (F/S/Su)**

**For the certificate:** Choose one of the following Inworks courses

**For the minor:** Choose four of the following Inworks courses

2300: Computational Foundations of Innovation (F)

3550: Innovation Law & Policy (F)

4450: Game Design & Development II (F)

3100: 3D Prototyping (S)

3600: Innovating for the Developing World (F)

4500: Bio-Medical Design & Innovation (S)

3180: Choose Your Own Adventure (F/S)

3620: Mobile App Development (F)

4520: Designing for Healthful Human Longevity (M)

3200: Data Science (F)

3700: Innovation and Society (F)

4680: Case Studies in Design (Not offered)

3300: NAND to Tetris (S)

3850: Product Design (S)

4750: Innovating on Education (S)

3400: Game Dev. I (S)

4100: Advanced Human Centered Design (F)

4930: Special Topics in Human-Centered Design (F/S)

3540: Synthetic Biology for Innovators (F)

4120: IoT: Internet of Things (S)

4970: Independent Study (F/S)

**For either Minor or Certificate, choose one capstone course to finish:**

**IWKS 4800: StartUp: Creating a New Venture from Scratch (S)**

**IWKS 4900: Undergraduate Capstone (F)**

