

PURDUE POLYTECHNIC SUMMER 2026 DESIGN COURSE OFFERINGS

Design & Innovation Minor

Two Required Courses – Stay on Track This Summer

Complete two core required courses for the **Design & Innovation Minor** in one summer! Build skills in human-centered design, innovation, rapid prototyping, and entrepreneurship — all through hands-on, lab-based experiences.

TECH 22000: Designing Technology for People

Module 1: May 18 – June 12, 2026 – ONLINE Synchronous MWF 9:30AM – 1:20 PM (CRN10257)

Innovating in a complex world begins with understanding people. This unique course integrates technology and anthropology to explore how humans interact with technology. Through ethnographic research methods, students learn to carefully observe, listen, and empathize to identify problems and create design solutions.

What You'll Do:

- Conduct ethnographic observations and interviews
- Practice human-centered design methods
- Develop problem scoping skills
- Generate early-stage design solutions

TECH 34000: Prototyping Technology for People

Module 2: June 15 – July 10, 2026 - ONLINE Synchronous MWF 9:30AM – 1:20 PM (CRN10259)

Think it, make it, sell it! In this class, you will think of an idea for a new product, build a prototype, and develop a business plan and pitch. This intensive, hands-on course explores the technology of invention and the business of commercialization.

What You'll Do:

- Create and refine working prototypes
- Apply fabrication and rapid prototyping tools
- Test designs in real-world contexts
- Analyze performance data and iterate solutions
- Explore intellectual property and marketing
- Develop a business plan prototype and pitch deck
- Learn startup strategy fundamentals