WSUE - WSU General: Engineering

Courses numbered 100 to 299 = lower-division; 300 to 499 = upper-division; 500 to 799 = undergraduate/graduate.

WSUE 102A. First-Year Seminar: Introduction to Technology and Innovation (3).

General education introductory course. Uses instruction and hands-on projects to guide first-year freshmen through the design thinking process to develop innovative and creative problem-solving skills. The design thinking process is a methodology for innovation that combines creative and analytical approaches and requires collaboration across disciplines and diverse backgrounds. It focuses on empathy as a way to understand the user and design to meet their needs. Students work in multi-disciplinary teams throughout the course. In the final project, students apply design thinking to build a working prototype that addresses a specific identified need in the community, third-world country, or society at large. Course includes diversity content.