

The City and Its Technology

Last Updated: Mon, 01/05/2026

Course prefix: CP

Course number: 4030

Section: GB

CRN

31828

Instructor first name: Grace

Instructor last name: Barrett

Semester: Spring

Academic year: 2026

Course description:

The "City and Its Technology " course offers an in-depth exploration of the profound **impact of modern technology on urban development and living**

. Students will explore core principles of tech-driven urban spaces, innovations reshaping urban transportation, and digital solutions promoting urban sustainability. This curriculum covers technology's pivotal role in urban health, security, environmental monitoring, and introduces developments like smart grids, self-maintaining infrastructures, and renewable energy solutions. As artificial intelligence and technological

advancements will rapidly change cities, students will engage in discussions on ethical, legal, and societal challenges, preparing them as informed leaders in urban technology. By the end of this course, students will understand the relationship between technology and urban development, with the **aim to become ethical, innovative leaders in urban technology.**

Academic honesty/integrity statement:

Students are expected to maintain the highest standards of academic integrity. All work submitted must be original and properly cited. Plagiarism, cheating, or any form of academic dishonesty will result in immediate consequences as outlined in the university's academic integrity policy.

Core IMPACTS statement(s) (if applicable):

This is a Core IMPACTS course that is part of the Social Sciences area.

Core IMPACTS refers to the core curriculum, which provides students with essential knowledge in foundational academic areas. This course will help students master course content, and support students' broad academic and career goals.

This course should direct students toward a broad Orienting Question:

- How do I understand human experiences and connections?

Completion of this course should enable students to meet the following Learning Outcome:

- Students will effectively analyze the complexity of human behavior, and how historical, economic, political, social, or geographic relationships develop, persist, or change.

Course content, activities and exercises in this course should help students develop the following Career-Ready Competencies:

- Intercultural Competence
- Perspective-Taking
- Persuasion