

ENGR 10301

FALL 2025 COURSE

SMART CITIES

1-CREDIT COURSE (CRN 21210)
MONDAYS • 4:30 PM - 5:20 PM • WALC 2051

Open to First Year Engineering students

This course will introduce students to the technology and innovation that impacts the future of our communities. Intended topics include space habitats, electrification of roadways, the design and inspection of infrastructure (using AI, VR, machine learning, etc.), environmental disasters and public health, automation systems for buildings, and more! Speakers from companies such as Johnson Controls, Collins Engineers, Thornton Tomasetti, and others will guest-lecture on how technology and innovation will impact the way we live. Students in this course will develop their personal networks while being presented with resources and opportunities to prepare for exciting careers.

As a multi-disciplinary topic, Smart Cities draw from many fields—but are especially shaped at the intersection of Civil and Construction Engineering, where infrastructure meets innovation.



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