

Earn your M.S. in Civil Engineering with a specialization in Transportation Engineering (Online or Hybrid)



LEAD THE FUTURE OF TRANSPORTATION

Rowan University's MS in Civil and Environmental Engineering with a concentration in transportation engineering prepares engineers to address the evolving challenges of modern transportation systems. Through a flexible, applied graduate program, students gain expertise in traffic operations and safety, sustainable infrastructure, and cutting-edge intelligent transportation systems (ITS) that power the future of mobility. Graduates are prepared to lead innovation in mobility, contribute to data-driven transportation solutions, and support the development of safer, smarter, and more sustainable transportation networks.



LEARN MORE:

Scan the QR
code to learn
more about
Transportation
Engineering
at Rowan.

WHY CHOOSE ROWAN?



- Learn from faculty experts in traffic engineering, highway safety, crash modeling, CAVs, and more



- Participate in federally and state-funded research projects with USDOT, FHWA, and NJDOT



- Access state-of-the-art labs for simulation, instrumentation, and transportation analytics



- Develop skills in ITS, infrastructure asset management, and sustainable mobility.

A PROGRAM DESIGNED FOR WORKING PROFESSIONALS

- Evening classes available in both online and in-person formats
- Courses led by experienced civil engineering faculty
- Opportunities to stack credits toward a certificate in Construction or Project Management

“ The MS degree with an emphasis in Transportation Engineering provided me with the technical knowledge and research experience that prepared me for my role as a Traffic Operations and Safety Supervisor at AtkinsRéalis. My research on transportation safety, combined with rigorous coursework, helped me develop expertise in a high-demand field and apply it directly to real-world challenges. ”



— Ruqaya Alfaris, MS '22

REAL-WORLD IMPACT



Graduates of this program go on to shape transportation systems through careers in:

- Public transportation and infrastructure agencies
- Transportation planning and engineering consulting firms
- Traffic safety analysis and highway operations
- Advanced mobility, intelligent transportation systems, and smart city initiatives

RESEARCH THAT MOVES PEOPLE



Rowan's faculty and students are advancing transportation through innovative, applied research in:

- Intelligent Transportation Systems (ITS)
- Statistical crash analysis and predictive safety modeling
- Operational impacts of roadway geometric design
- Data-driven solutions for civil infrastructure management

ADVANCE YOUR CAREER IN TRANSPORTATION ENGINEERING

Gain the expertise to tackle critical infrastructure challenges and enhance mobility in today's dynamic transportation landscape.

CONTACT US

For additional inquiries, please contact CEE Graduate Program Coordinator, Dr. Mohammad Jalayer at jalayer@rowan.edu.



HENRY M. ROWAN
COLLEGE OF ENGINEERING