



REF# 173/3/1-3 R₂

THE UNIVERSITY OF THE WEST INDIES
ST. AUGUSTINE, REPUBLIC OF TRINIDAD AND TOBAGO, WEST INDIES

FACULTY OF ENGINEERING
DEPARTMENT OF CIVIL AND ENVIRONMENTAL
ENGINEERING

SENIOR LECTURER/LECTURER IN TRANSPORTATION
ENGINEERING

Qualifications and Experience

The successful candidate must possess at minimum, a PhD from a recognised university, in Transportation Engineering or a closely related field, with a B.Sc. (Honours) in Civil Engineering or Civil and Environmental Engineering, or an equivalent/related Engineering discipline.

Candidates should also possess:

- At least three (3) years' teaching experience at the undergraduate and postgraduate levels, at a recognised tertiary institution/university, in the field of Engineering or a closely related field.
- A substantial record of academic research output and publications in reputable peer reviewed journals, particularly in the area of Transportation Engineering or equivalent/related field
- Familiarity with commercial and open-source transportation analysis and modelling software, together with the planning and design of transportation systems
- Expertise in the areas of planning, design, operation, management, analysis or sustainability of transportation systems
- Strong expertise in Machine Learning, Simulation and Modelling
- Strong expertise in Intelligent Transportation Systems (ITS)
- Expertise in one (1) or more of the following areas:
 - Traffic Engineering
 - Transportation Planning
 - Sustainable Mobility
 - Transportation Safety and Security
 - Public Transportation Systems
 - Informal Transportation Systems
 - Transportation Asset Management
 - Traffic Operations and Traffic Flow Analysis

Candidates with the following would have an advantage:

- Experience in the supervision of student research projects at Bachelors or Masters or Doctoral level
- A good record of industry interaction to provide practical industry experience to students
- Evidence of academic research and professional interests in the areas of Contemporary Transportation Engineering and/or Emerging Transportation Technologies
- Evidence of contributing to funding proposals and successfully obtaining funding for research
- Research expertise in Transportation Engineering relevant to Small Island Developing States (SIDS)

The following would be considered assets:

- A Master's degree in Transportation Engineering, Civil Engineering, Civil and Environmental Engineering, Computer Engineering or a closely related field
- Certification in university teaching and learning

- Demonstrated professional practice, consultancy experience, or engagement in Transportation Engineering and related infrastructure projects
- Evidence of active engagement with industry, government agencies, professional organisations, or transportation policy development

Key Responsibilities

- Teaching and assessing undergraduate and postgraduate courses in Transportation Engineering and related areas of expertise
- Providing academic advising and mentorship to undergraduate and postgraduate students
- Supervising graduate students at the MSc, MPhil and PhD levels particularly in the area of Transportation Engineering and related fields
- Preparing and delivering lectures, tutorials, workshops, fieldworks, seminars and other position related activities
- Contributing to course development, programme development and review, and the design of innovative teaching materials for all delivering modes
- Modernising the Transportation Engineering Laboratory, including transportation modelling, simulation, engineering tools, intelligent transportation systems (ITS), and other teaching and research facilities relevant to the discipline
- Contributing to programme administration, accreditation and quality assurance activities
- Strengthening the Department’s outreach activities, through collaborations, external research funding, publications, conferences and other research outputs
- Strengthening the Department’s partnership with industry and other professional organisations
- Collaborating with academic staff, students and external partners to enhance teaching, research, and professional practice
- Serving on Committees and functions at the Department, Faculty and University levels as required

Personal Attributes

The Campus places high priority on individuals of integrity who can work well in a team and student friendly environment. Candidates should also possess good communication and interpersonal skills. A good command of both oral and written English is essential.

Candidates should also:

- Be able to collaborate with interdisciplinary team within and outside the department
- Be committed to student engagement, mentoring, and academic development
- Have good organisational, team and leadership skills
- Be able to strengthen and maintain effective working relationships with industry, government, professional organisations, and other academic partners
- Be able to expand the department’s research profile
- Display initiative in academic research leadership, or programme enhancement
- Possess a membership of a recognised Professional Engineering Body

Detailed application and full curriculum vitae should be sent to the Campus Registrar, c/o HR Division (Appointments Section), Main Administration Building, The University of the West Indies, St. Augustine, Trinidad and Tobago, W.I. via e-mail: STA-HRAApplications@uwi.edu. Two (2) referees (one of whom should be from your present organization) must be indicated. Application forms may be obtained at <http://www.uwi.edu> in the Faculty & Staff, Staff Vacancies section. Further particulars including remuneration package may also be obtained at the above address. In order to expedite the appointment procedures, applicants are advised to ask their referees to send their **signed** references under **CONFIDENTIAL** cover **DIRECTLY** to the Campus Registrar at the above address without waiting to be contacted by the University. **Applications received after the deadline date will not be considered.**

The University would like to thank all applicants for their interest. Please note, however, that only shortlisted candidates will be acknowledged or contacted.

Deadline for receipt of applications: 2026 November 08