



Senior Lecturer/Lecturer in Transportation Engineering

FURTHER PARTICULARS

Be part of a Great West Indian Tradition

The University of the West Indies (UWI) is a well-established independent university that serves 17 countries of the Commonwealth Caribbean: Anguilla, Antigua & Barbuda, The Bahamas, Barbados, Belize, Bermuda, The British Virgin Islands, The Cayman Islands, Dominica, Grenada, Jamaica, Montserrat, St. Kitts & Nevis, St. Lucia, St. Vincent & the Grenadines, Trinidad & Tobago, and the Turks & Caicos Islands. [Read more ...](#)

Ranked Among the Best

Only Caribbean University Ranked Among BEST IN THE WORLD



An innovative, internationally competitive, contemporary university deeply rooted in the Caribbean, The UWI is an international university, in every respect, with links extending beyond the region to well over 100 universities worldwide.

The Times Higher Education rankings in 2018 and 2019, placed The UWI as the number 1 ranked university in the Caribbean out of over 200 registered institutions across the region; and among the top 3% of some 2,000 registered universities in the wider Latin America and the Caribbean. In 2020 The UWI was ranked among the THE's top 100 "Golden Age" universities established between 1945 and 1967. [Read more ...](#)

About UWI

The first of UWI's five campuses began in 1948 at Mona, Jamaica, as a College of the University of London. The St. Augustine Campus in Trinidad & Tobago was added in 1961 and UWI achieved full university status in 1962. St. Augustine was followed by campuses at Cave Hill, Barbados (1963), the Open Campus (2008), and the Five Islands Campus in Antigua & Barbuda (2019). [Read more ...](#)

Our 8 Faculties

Teaching at the St. Augustine Campus takes place within eight faculties - Engineering, Food & Agriculture, Humanities & Education, Law, Medical Sciences, Science & Technology, Social Sciences, and Sport. Each Faculty offers a wide range of undergraduate and postgraduate programmes. [Find out more ...](#)

Get to Know Us

Visit <https://www.uwi.edu/> to find out more about The UWI. For more on the St. Augustine Campus, visit <https://sta.uwi.edu/>. Read the latest Campus news in our monthly publication, [UWI Today](#) and follow us on social media [Facebook](#), [Twitter](#), [Instagram](#), [YouTube](#), [LinkedIn](#).

About the FACULTY OF ENGINEERING

The Faculty of Engineering is comprised of five Departments, namely: The Department of Chemical Engineering, the Department of Civil & Environmental Engineering, the Department of Electrical & Computer Engineering, the Department of Geomatics Engineering & Land Management and the Department of Mechanical & Manufacturing Engineering

The Department of Civil & Environmental Engineering

The Construction Engineering and Management section is part of the Department Civil & Environmental Engineering, Faculty of Engineering. <https://sta.uwi.edu/eng/civil/>

We offer postgraduate degree programmes in Department of Civil & Environmental Engineering at the MPhil and PhD levels, and an undergraduate. Postgraduate students have the option of doing practice-based research.

Construction Engineering and Management

The aim of the Construction Engineering and Management programme is to promote and institutionalise the critical study of Construction Engineering Management at the University of the West Indies. The section seeks to engage with pertinent issues and problems related to culture, representation, power and policy in and beyond the Caribbean. The section does this by introducing students to the history, methodologies and theoretical

traditions of Construction Engineering and Management section and fostering students' skills and confidence in critical thinking and independent research.

Research

Research in the Construction Engineering and Management section programme focusses on a range of theoretical questions in and beyond the Caribbean and its diaspora. For information on the research conducted at the Department of Civil & Environmental Engineering visit the Faculty webpage at <https://sta.uwi.edu/eng/civil/>

The University of the West Indies supports the research activities of permanent members of staff by providing study leave, special leave for scholarly purposes, and sabbatical leave, as well as offering funding for research trips, fieldwork, institutional visits, conference participation and organisation, and research assistants. For more information on research funding, see <https://sta.uwi.edu/research/research-funding>

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

Candidates are further encouraged to enhance their application by providing the following:

- Cover Letter
- Teaching statement (1 page)
- Research statement (1 page)

Remuneration Package

Annual Salary Range:

Senior Lecturer (Non-Medical):

Minimum: TT\$ 360,876.00 per annum

Maximum: TT\$ 447,384.00 per annum

Lecturer (Non-Medical):

Minimum: TT\$ 254,136.00 per annum

Maximum: TT\$ 353,760.00 per annum

Benefits:

- Special allowance of 6% of basic salary;
- Transportation Allowance of TT\$3,250.00 per month;
- Up to five economy class passages plus baggage allowance of US\$3,000.00 (TT\$ equivalent) on appointment and normal termination (persons recruited from outside of T&T);
- Unfurnished accommodation at 10% or furnished at 12.5% of basic salary, or housing allowance of 20% of basic salary to staff making own housing arrangements;
- UWI contribution of equivalent of 10% of basic salary to Superannuation Scheme;
- Annual Study and Travel Grant (available after first year of service) - TT\$24,548.00 per annum;
- Institutional Visit Allowance (available after first year of service) – TT\$7,200.00 per annum;
- Book Grant – TT\$6,000.00 per annum;
- Contributory Health Insurance – 50%;
- Group Life Insurance Scheme

The Registry
St. Augustine
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