



UWI
ST. AUGUSTINE
CAMPUS

Lecturer in Design 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



- ▶ CARIBBEAN'S #1
- ▶ WORLD'S TOP 1.5 %
- ▶ LATIN AMERICA'S TOP 20
- ▶ WORLD'S GOLDEN AGE TOP 100
- ▶ IMPACT RANKINGS 2.5%

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 (<https://sta.uwi.edu/eng/>), comprises the Department of Chemical Engineering, the Department of Civil and Environmental Engineering, the Department of Electrical and Computer Engineering, the Department of Geomatics Engineering and Land Management, and the Department of Mechanical and Manufacturing Engineering.

The Department of Mechanical and Manufacturing Engineering

The Department of Mechanical and Manufacturing Engineering, hereafter referred to as the DMME, celebrated its 50th Anniversary in 2011. It has come a long way from a modest beginning. The DMME offers programmes of study leading to:

Undergraduate:

- B.Sc. Mechanical Engineering
- B.Sc. Mechanical Engineering with Biosystems
- B.Sc. Industrial Engineering

Postgraduate:

- M.Sc. Engineering Management
- M.Sc. Engineering Asset Management
- M.Sc. Manufacturing Engineering and Management

At present there are approximately 400 students enrolled in different levels of its three 3-year BSc (Honours) degree programmes. Moreover, approximately 75 students are currently pursuing courses in the Master of Science programmes. In addition, about 25

students are enrolled in MPhil/PhD programmes.

Since its inception, over 2,700 persons have graduated from the DMME's B.Sc. programmes. The programmes in the DMME have been continuously accredited by the Institution of the Mechanical Engineers of the UK since 1994 for the undergraduate and 2006 for the postgraduate programmes. The curriculum is regularly updated through inputs from staff research, industrial and professional links (both regional and international) and recommendations of the accreditation body. The current academic staff members have diverse academic and professional backgrounds encompassing research experience within the Caribbean and further afield.

Tenure of Appointment

Appointment as Lecturer will normally be for three (3) years in the first instance, with eligibility for consideration for renewal.

Subsequent to the first appointment, a member of staff who has served in an equivalent position in this or some other University for a period of six (6) years will be eligible for consideration for indefinite tenure.

Appointment to this post is subject to the [Charter of the University and to its Statutes, Ordinances, Rules and Regulations](#), including Statute 36 – Retirement of Members of Staff.

Further details may be obtained from the Campus Registrar,
The University of the West Indies, St. Augustine, Republic of
Trinidad and Tobago.

Research

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>

Lecturer in Design Engineering

Qualifications and Experience

The successful candidate must possess at minimum, a PhD from a recognised university, which should be in Manufacturing Engineering, Mechanical Engineering, Biosystems or Agricultural Engineering, Industrial Engineering, Innovation Engineering, or an equivalent in a closely related field.

Candidates should also possess:

- Membership in a Professional Engineering Association
- Teaching experience at the undergraduate or postgraduate level in an equivalent or related discipline in the field of Engineering, at a recognized tertiary institution or university
- Good record of research and publications in reputable peer reviewed journals
- Proficiency in teaching and managing courses related to at least one (1) of the following:
 - Engineering Drawing
 - Machine Drawing
- Evidence of good student course evaluation associated results
- Proven ability to manage large groups of students
- Evidence of expertise in Solid Works Software or equivalent

Candidates with the following would have an advantage:

- Postgraduate qualification or an equivalent in a related field
- Experience in supervising postgraduate student projects at the MSc, MPhil and PhD levels

- Experience in integrating theory and practice
- Significant knowledge of Design Engineering

The following would be considered assets:

- Certificate in university teaching and learning
- Industry experience
- Significant attraction of research funding

Key Responsibilities

- Teaching courses at the undergraduate and postgraduate levels
- Supervising postgraduate students at the MSc, MPhil and PhD levels
- Planning, developing and delivering course material (lectures, laboratory, tutorials, examinations, and reporting artefacts)
- Ensuring the quality of preparation and grading of examinations, assignments and laboratories for assigned courses
- Providing ongoing revision of the curriculum to keep abreast of development and innovation in the area of expertise
- Providing leadership and vision in developing teaching and research in Engineering Design that will impact the Caribbean region and can have other international impact
- Attracting external research and development funding
- Participating in collaborative research within the Department
- Coordinating undergraduate and postgraduate programmes and providing academic advising and supervision for undergraduate and postgraduate students
- Collaborating locally, regionally and internationally with colleagues in research and cocurricular activities

- Fostering intra/inter Faculty/Campus teaching and research networks
- Engaging in service to the University and community
- Serving on Committees at the Department, Faculty and University levels
- Teaching statement (1 page)
- Research statement (1 page)

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 work proactively and provide leadership within collaborative and multi-disciplinary teams
- Be committed to excellence in teaching and have a strong interest in mentoring students
- Be able to interact and work well with staff, students and industry stakeholders
- Have excellent organizational skills
- Be able to work in a multidisciplinary environment
- Be familiar with tertiary level education in the Caribbean
- Be committed to supporting outreach activities, that promote the multifaceted and rich aspects of the programmes and activities within the Department and Faculty of Engineering
- Be self-motivated and have a strong interest in mentoring and motivating students
- Display service to University and community

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

- Cover Letter

Remuneration Package

Annual Salary Range:

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\$20,717.00 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
File # 173/4/11 III
2026 March 26
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