



UWI
ST. AUGUSTINE
CAMPUS

Lecturer in Petroleum 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 (<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 Chemical Engineering

The Department of Chemical Engineering has responsibilities for teaching, continuing education, and research in the four (4) disciplines of Chemical Engineering, Process Engineering, Food Science and Technology and Petroleum Studies (Petroleum Engineering, Reservoir Engineering and Petroleum Geoscience) that offer several accredited programmes for the award of BSc and MSc degrees. The Department provides local, regional and international students with high quality and professional education through its teaching, research, and civil society engagement and aims to produce highly motivated, civic-minded, entrepreneurial and innovative graduates who will be able to have successful careers in the local, regional and international workforce. This appointment is intended for the Petroleum Studies Unit.

Petroleum Studies Unit

The Petroleum Studies Unit (PSU) offers one (1) BSc programme in Petroleum Geoscience and (3) MSc programmes in Petroleum Engineering, Reservoir Engineering, and Petroleum Engineering and Management.

Petroleum Engineering involves the application of earth and physical sciences to the evaluation and exploitation of natural hydrocarbon resources. The dominant problems of the petroleum engineer are those of flow and equilibrium in porous media, in vertical and horizontal well bores, in surface pipelines and in primary process equipment. The complexity of the hydrocarbon fluids, and the geological strata involved in flow in reservoirs and production systems raises problems requiring sophisticated numerical techniques for their solution. In the practical field, drilling and production engineering continually pose new engineering problems requiring engineered solutions. This is a conversion programme from other engineering and science-based degree foundations into the specialities of petroleum engineering. It is intended to provide the necessary background for employment in the oil and gas industry, or springboard for a research degree, as well as serving as a refresher for those already working in industry.

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

<http://sta.uwi.edu/research/funding.asp>

Lecturer in Petroleum Engineering

Qualifications and Experience

The successful candidate must possess a PhD in Petroleum Engineering or any other closely related field from a recognized university.

Candidates should also possess:

- At least two (2) years teaching experience at a recognized tertiary institution or university
- A good record of research in their area of expertise with a minimum of three (3) publications in recognized peer reviewed journals
- Proficiency in the areas of production engineering, drilling and completions

Candidates with the following would have an advantage:

- PhD degree in Production Engineering, Improved Oil Recovery or any other engineering discipline with a specialization in Petroleum Engineering
- Experience in the supervision of student research projects at Masters or Doctoral level
- Industry experience
- Chartered engineer
- Proficiency in improved oil recovery, reservoir simulation, reservoir engineering and/or field management

The following would be considered assets:

- Certificate in university teaching and learning
- Demonstrable knowledge of data analytics

- Proficiency in non-conventional forms of energy, including carbon capture, utilization and sequestration

Special Responsibilities

- Teaching postgraduate and undergraduate courses in petroleum engineering, production engineering, drilling and completions and improved oil recovery
- Supervising postgraduate (MSc, MPhil and PhD) student projects
- Developing well recognized and independent research programmes capable of attracting external funding in their area of expertise
- Engaging with local, regional and international stakeholders, other departments and academic institutions through collaborative research
- Providing ongoing revision of the curriculum to keep abreast of development and innovation in the area of expertise
- Developing professional short courses to respond to the changes within the industry specifically focusing on local and regional needs
- Serving on committees at the Department, Faculty and University levels
- Be self-motivated and capable of mentoring and motivating students
- Be a fluent and articulate communicator and a team player
- Be able to develop students' appreciation and passion for the study of petroleum engineering
- Be willing to forge working relationships and meaningful engagement with external stakeholders (industry and universities)
- Be committed to developing the Department's outreach programme

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

- Cover letter
- 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 interact and work well with staff, students and industry stakeholders
- Have good organizational and leadership skills

Remuneration Package

Annual Salary Range:

Lecturer (Non-Medical):

Minimum: TT\$ 239,544.00 per annum

Maximum: TT\$ 333,456.00 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
File # 173/14/12 II
2024 Dec
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