DISCOVER YOUR CALLING

POSTGRADUATE AND UNDERGRADUATE PROGRAMMES 2009

- Master of Science in Industrial Innovation, Entrepreneurship and Management (MSc IIEM) – Full time
- Master of Science in Petroleum Engineering – Full time
- Master of Science in Information and Communication Technology – Full time
- Master of Science in Environmental Science and Management – Full time
- Master in Health Administration (MHA) – Part time
- Bachelor of Applied Science (B.A.Sc.) / Master of Engineering (M.Eng.) – Full & Part Time
- B.A. (HONOURS) Degree in Fashion Design – Full time
- Bachelor’s Degree in Sport Studies – Full time
- Bachelor of Education – Full & Part Time
- The National Engineering Technician Diploma (NETD) Programmes – Full & Part Time
- Diploma in Fashion Design – Part time
- Diploma in Fashion Management – Full time
- Diploma in Animation – Full time
- Diploma in Visual Communications Design Programme – Full time
- Diploma in Maritime Operations – Full time
  - Engineering option
  - Navigation option
- Diploma in Agriculture – Full time
- Diploma in Forestry – Full time
- Diploma in Ornamental Horticulture – Full time
- Diploma in Animal Health and Veterinary Public Health – Full time
- Certificate in Sport Studies – Full time
The University of Trinidad and Tobago is inviting applications for the following programmes:

**MASTER’S PROGRAMMES**

**INDUSTRIAL INNOVATION, ENTREPRENEURSHIP AND MANAGEMENT (MSc IEM)**

The MSc IEM is a twelve-month, postgraduate programme designed to provide graduates with the technical skills, personal development and industrial experience needed to be immediately effective in industry. The programme develops entrepreneurial skills and develops competencies in Production Planning & Control, Quality, Sales & Marketing, Environment, Human Resource and Leadership, Entrepreneurship and Design using taught courses, practical exercises, industrial visits and in-house projects to bridge the gap between academia and industry.

**PROGRAMME VENUE:**
- O’Meara Campus, Arima

**ENTRY REQUIREMENTS:**
- A First Degree in Engineering, or related fields.

**PETROLEUM ENGINEERING**

This programme is designed to produce graduates with skill sets that can be immediately useful in the upstream petroleum industries. Using modern computer simulation software, the programme consists of a combination of coursework, taught courses and a project thesis, with the focus on students using their own initiative, under direction, to address upstream engineering problems. This programme is a combination of classroom work, a Field Development team project affiliated with an upstream Oil and Gas company and field trips.

**PROGRAMME VENUE:**
- O’Meara Campus, Arima

**ENTRY REQUIREMENTS:**
- A First Degree in Engineering, Applied Physics or related fields. A combination of undergraduate education and equivalent experience will also be considered.

**INFORMATION AND COMMUNICATION TECHNOLOGY**

The Master of Science (MSc) Degree in ICT is a research-based degree with some foundation courses. Courses and research topics are based on the area of specialization, which include: Digital Media, Signal Processing, Intelligent Systems, Haptics and HCI, Communications, Computer Networks, Sensor Networks and Wireless Systems. Expertise and skills in Information and Communications Technology are essential today in all enterprises, corporations, government and society. The program provides a strong engineering foundation to ensure competency in computer hardware and software systems; digital media systems, modern digital wireline and wireless communications; networking topologies; software engineering, and information systems.

**PROGRAMME VENUE:**
- O’Meara Campus, Arima

**ENTRY REQUIREMENTS:**
- A First Degree in Engineering, Computer or Information Science, or an approved science or technical field.

**HEALTH ADMINISTRATION (MHA)**

This programme is designed to enhance the management and leadership capabilities in the Health Sector. The MHA programme enables persons who are presently employed in the Health Sector, the opportunity to consolidate cutting edge theory with their acquired work experience.

**PROGRAMME VENUE:**
- O’Meara Campus, Arima

**ENTRY REQUIREMENTS:**
- A First Degree in a related field and work experience at middle or senior management level in the Health Sector (Public or Private).

**ENVIRONMENTAL SCIENCE AND MANAGEMENT**

It is intended that students who pursue the Masters in Environmental Science & Management would be able to apply scientific and management principles to positively address issues such as Water pollution, Waste (hazardous & non-hazardous domestic/commercial) and Air Pollution. The principles taught will be centered on the sustainable use of the environment and consist of core and focus area courses, mandatory seminars and a research project. It will be delivered using a combination of taught courses and problem based learning (PBL) techniques. The intention is to simulate and solve the kinds of problems students are likely to face as future scientists/managers in real world situations. This full-time programme will be scheduled from 5:00 pm – 8:00 pm

**PROGRAMME VENUE:**
- O’Meara Campus, Arima

**ENTRY REQUIREMENTS:**
- A First Degree in Engineering, Science or related fields.
- Applicants with other academic qualifications and relevant work experience may also apply.

**MARITIME MANAGEMENT**

The aim of this MSc in Maritime Management Programme is to enable managers already in the shore-based industry to gain a qualification that will assist career progression. It will also provide a vehicle to allow seafaring officers in sea-going managerial positions to obtain an additional qualification that will assist them to enter management in the shore-based side of the Maritime Industry. It is expected that the main areas for employment will be: Port Operations, Port Planning, Harbourmaster, Freight forwarding and associated maritime logistics, Environmental Protection of waterways and the coast, Maritime Risk and Safety Management.

**PROGRAMME VENUE:**
- Maritime Campus, Chaguaramas

**ENTRY REQUIREMENTS:**
- Relevant first degree or
- Seafaring or ex-seafaring officers with an STCW 95 Management Level Certificate of Competency and two years experience at Management Level, or
- Seafaring officers with a first degree and an STCW 95 Operational Level Certificate of Competency, or
- Persons who have worked in a middle management position in the shore-based maritime industry with a minimum of ten years in middle management.

**BACHELOR’S PROGRAMMES**

**EDUCATION**

This programme prepares students to be the teachers of tomorrow, fully equipped to guide young minds for the demands of the future.

**PROGRAMME VENUES:**
- Corinth Campus, Ste. Madeleine
- Valsayn Campus, Curepe

**ENTRY REQUIREMENTS:**
- Full time: 
  - Passes in at least five (5) subjects at CXC (CSEC) General Proficiency (Grades I or II and from 1998 Grade III) or GCE O-Levels Grades A, B or C, which must include English Language, Mathematics and a science subject.
  - For secondary specialization in addition to the above entry requirement applicants must have passed the subject in which they wish to specialize at CAPE (Unit 1 and 2) or GCE A-Level.

  **Part time:**
  - Primary Specialization
    - Teacher’s Diploma
    - Five (5) subjects at CXC (CSEC) General Proficiency (Grades I or II and from 1998 Grade III) or GCE O-Levels, which must include Mathematics, English Language and a Science subject
    - Currently employed as a Primary Teacher
  - Technical Vocational Specialization
    - Technician’s Diploma
    - Passes in at least five (5) subjects at CXC (CSEC) General Proficiency (Grades I or II and from 1998 Grade III) or GCE O-Levels, which must include Mathematics, English Language and a Science subject
    - Currently employed as a Technical Vocational Teacher.

**SPORT STUDIES**

The Bachelor’s Degree in Sport Studies is being offered as a four-year programme. The Degree in Sport Studies is intended to lay the foundation for an academic culture of research and scholarship in sport and its allied fields and will offer opportunities in four areas of interest:

**ADMISSION REQUIREMENTS:**
- Relevant Bachelors Degree from a recognized university.

**PROGRAMME VENUE:**
- Scott St Campus, San Fernando

**ENTRY REQUIREMENTS:**
- Persons who have worked in a middle management position, or
- Seafaring or ex-seafaring of five years experience at Management Level, or
- Seafaring or ex-seafaring of ten years experience in the shore-based maritime industry with a management position in the shore-based maritime industry.

**PROGRAMME VENUES:**
- O’Meara Campus, Arima

**ENTRY REQUIREMENTS:**
- A First Degree in Engineering, Computer or related fields.
- Persons who have acquired a degree in Science and have at least two years experience in the fields of Marine, Environmental, and/or Planning.

**INTERNATIONAL MASTERS IN SPORT FOR DEVELOPMENT**

The International Masters in Sport for Development is being offered as a two-year full-time programme for students interested in examining the powerful medium of sport as a tool for development.
Sports Science and Technology;
• Sport Management;
• Sport for Development;
• Physical Education.

PROGRAMME VENUE:
• San Fernando Technical Institute, San Fernando

ENTRY REQUIREMENTS:
• Two (2) CAPE (unit 1 and 2) or GCE A-levels subjects plus General Paper or Caribbean Studies and Communication Studies; OR
• Certificate in Sport Studies or equivalent programme.

BACHELOR OF APPLIED SCIENCE (B.A.Sc.) / MASTER OF ENGINEERING (M.Eng.)

The B.A.Sc. degree is a full honours engineering programme that prepares students for careers as professional engineers, locally and internationally. The first year is common to all programmes and is offered at the O’Meara and SFTI Campuses only. Students specialize from the second year and would need to attend classes at the campus that offers the specialization. The degree is offered in both part-time and full-time modes. The normal full time period of study is 3 years and that for part time is 4 1/3 years. Exceptional students can opt to proceed to the M.Eng. stream at the end of the second year. The normal period of study for the M.Eng. is 4 years full-time and 5 1/3 years part-time. Students who successfully complete the M.Eng. program may proceed to read for the Ph.D. degree.

ENGINEERING PROGRAMMES:
• Biomedical
• Civil and Construction Systems
• Structural
• Environmental (B.A.Sc. ONLY)
• Construction Management (B.A.Sc. ONLY)
• Information and Communication Design
• Manufacturing and Design
• Petroleum
• Process
• Utilities

PROGRAMME VENUES FROM YEAR TWO:
• O’Meara – Biomedical, Information and Communication Design and Manufacturing and Design
• Pt. Lisas – Petroleum, Process and Utilities
• SFTI – Civil and Construction, Structural, Environmental and Construction Management.

ENTRY REQUIREMENTS:
• Two (2) CAPE (unit 1 and 2) or GCE A-levels subjects including Mathematics and either Physics or Chemistry or Biology (Biomedical Engineering ONLY), plus General Paper or Caribbean Studies and Communication Studies plus CXC (CSEC) General Proficiency/GCE O-level Chemistry and Physics OR
• Relevant NEC Technician’s Diploma OR
• Relevant NETD/HNC/HND Technician’s Diploma OR
• First Year BSc Natural Science Degree.

MARITIME OPERATIONS

This Bachelor of Science Degree is a four-year programme. The Maritime Industry in Trinidad and Tobago is well established and expanding. The rapid growth of this industry has signaled the need for UTT to provide industry–wide maritime knowledge and experience to students.

This BSc is targeted to those who wish to pursue a career in the Maritime Industry. The programme will offer a practical–based qualification that will enhance the required skills in this field, and will provide shore–based shipping experience to ex–seafarers.

PROGRAMME VENUE:
• Maritime Campus, Chaguaramas

ENTRY REQUIREMENTS:
• Two (2) CAPE (Unit 1 and 2) or GCE A-Level subjects including Mathematics, Science subject, or related subjects OR
• STCW ’95 Certificate of Competency at Operational or Management Level.

FASHION DESIGN

The four (4) year, Bachelor of Arts (Honours) Degree in Fashion Design is an idea driven, craft-based course of study that emphasizes design concepts and skill development. The curriculum will cover all areas encountered in a professional designer’s workplace including fundamentals of the fashion industry and apparel construction, fashion design illustration, CAD Systems for garment design and pattern drafting, draping and textile arts.

PROGRAMME VENUE:
• John S. Donaldson Technical Institute, Port of Spain

ENTRY REQUIREMENTS:
• Two (2) GCE A-levels or CAPE 1 and 2, plus three (3) GCE (CSEC) General Proficiency or GCE O-level including grade 1 or grade A in English Language and Mathematics; or
• Successful completion of the CFAD Diploma in Fashion Design or related studies; or
• Passes in five (5) subjects at CXC (CSEC) General Proficiency or GCE O-level including grade 1 or grade A in English Language and Mathematics. Additional Requirements:
• A letter of intent stating why you desire to study fashion;
• A self portrait drawn from a mirror; and
• Submission of 10 drawings, illustrating 10 garments for a man or woman travelling to Tobago on vacation.

ANIMATION

The Animation Diploma is designed to improve and develop the skills of potential animators in the Caribbean. The courses focus on core skills and techniques necessary for successful character animation, story development, animation principles and digital techniques. Participants will work intensively in either 2D (drawn) or 3D (model) using two main software programmes:
• Toon Boom Digital Pro for 2D
• Alias Wavefront Maya for 3D.

Participants are exposed to acting, timing, staging, character development, life drawing and motion over a two-year intensive course. The programme includes workshops and professional master classes in such areas as script development and storyboarding.

PROGRAMME VENUE:
• John S. Donaldson Technical Institute, Port of Spain

ENTRY REQUIREMENTS:
• Passes in at least five (5) subjects at CXC (CSEC) General Proficiency or GCE O-level including English Language and Mathematics; or
• Successful completion of the UTT’s Pre–University Programme.

Additional Requirements:
• A letter of intent stating why you desire to study fashion;
• A self portrait drawn from a mirror; and
• Submission of 10 drawings, illustrating 10 garments for a man or woman travelling to Tobago on vacation.

FASHION MANAGEMENT

This two (2) year programme prepares students for a variety of careers within the global apparel market. The curriculum covers principles of marketing, strategic fashion management and innovative fashion presentations for today’s competitive market; elements of product development, purchasing, allocation and promotion of merchandise, the application of new and relevant technology and the development of human resources dedicated to the sale of fashion products and services.

PROGRAMME VENUE:
• John S. Donaldson Technical Institute, Port of Spain

ENTRY REQUIREMENTS:
• Passes in at least five (5) subjects at CXC (CSEC) General Proficiency or GCE O-level including English Language, Mathematics and a business subject; or
• Successful completion of the UTT’s Pre–University Programme plus a business subject **

Additional Requirements:
• A letter of intent stating why you desire to study fashion;
• Choose two advertisements of fashion products; one you determine to be effective, the other less persuasive.
• Write a 500 word essay explaining why you believe one is more effective than the other.

DIPLOMA PROGRAMMES

DIPLOMA IN ANIMATION

This programme is designed to provide students with the skills required for careers in the animation industry. The curriculum covers topics such as character design, animation principles, digital techniques, and the use of animation software. Students will learn to create animations using 2D and 3D techniques.

PROGRAMME VENUE:
• John S. Donaldson Technical Institute, Port of Spain

ENTRY REQUIREMENTS:
• Successful completion of the UTT diploma in Animation.

DIPLOMA IN FASHION MANAGEMENT

This programme is designed to prepare students for careers in the fashion industry, focusing on the management aspects of the industry. Students will learn about fashion forecasting, market analysis, and strategic planning.

PROGRAMME VENUE:
• John S. Donaldson Technical Institute, Port of Spain

ENTRY REQUIREMENTS:
• Successful completion of the UTT diploma in Fashion Design.

DIPLOMA IN MARITIME OPERATIONS

This programme is designed for individuals interested in the maritime industry, focusing on topics such as vessel operation, navigation, and safety. Students will learn about maritime law, regulations, and best practices.

PROGRAMME VENUE:
• Maritime Campus, Chaguaramas

ENTRY REQUIREMENTS:
• Successful completion of the UTT diploma in Maritime Studies.

DIPLOMA IN VISUAL COMMUNICATIONS DESIGN

This programme is designed to provide students with the skills required for careers in visual communications, including graphic design, web design, and multimedia production. Students will learn to create visual content using digital tools.

PROGRAMME VENUE:
• John S. Donaldson Technical Institute, Port of Spain

ENTRY REQUIREMENTS:
• Successful completion of the UTT diploma in Communications Design.

ANIMAL HEALTH AND VETERINARY PUBLIC HEALTH

The curriculum focuses on the major disciplines of animal health and veterinary public health. Emphasis will be strongly placed on the graduate to acquire skills and surveillance techniques especially with the threat of exogenous Zoonotic diseases invading the region.

PROGRAMME VENUE:
• ECIAC Campus, Centeno

ENTRY REQUIREMENTS:
• A Diploma or an Associate in Applied Science Degree from ECIAC or a Bachelor of Science Degree in Agriculture or related discipline from a recognized institution. Experience in this area of study will be considered advantageous. All applicants may be interviewed.
THE NATIONAL ENGINEERING TECHNICIAN

The NETD Programmes are designed to create well-rounded technicians with a strong educational foundation and industry relevant skills and competencies. Graduates may be eligible for direct access to ANY of UTT's First Degree Engineering Programmes.

The following areas of engineering studies are being offered BOTH full time and part time:
- Automotive (SFTI Campus ONLY)
- Electrical/Electronic
- Chemical (Pt. Lisas and SFTI Campuses ONLY)
- Instrumentation
- Civil (JSIDTI and SFTI Campuses ONLY)
- Manufacturing
- Communication
- Mechanical
- Computer
- Petroleum (Pt. Lisas and SFTI Campuses ONLY)

PROGRAMME VENUES:
- Point Lisas Campus, Couva (Pt. Lisas)
- John S. Donaldson Technical Institute, Port of Spain (JSIDTI)
- San Fernando Technical Institute, San Fernando (SFTI)

ENTRY REQUIREMENTS:
- Passes in at least five (5) subjects at CXC (CSEC) General Proficiency or GCE O-Letvs, which must include Mathematics, English Language and a science subject. N.B. Agricultural Science is considered a science subject.
- Successful completion of the Pre-University Programme (PUP)

THE UNIVERSITY OF TRINIDAD AND TOBAGO

AGRICULTURE

The Diploma in Agriculture Programme is designed to meet the needs of the Agricultural Sector for skilled technicians who can produce food efficiently and bridge the gap between the farmer and the agricultural professionals. Students integrate practical experience in the gap between the farmer and the agricultural technicians who can produce food efficiently and bridge the needs of the Agricultural Sector for skilled technicians.

PROGRAMME VENUE:
- ECIAF Campus, Centeno

ENTRY REQUIREMENTS:
- Passes in at least five (5) subjects at CXC (CSEC) General Proficiency or GCE O-Letvs, which must include Mathematics, English Language and a science subject. N.B. Agricultural Science is considered a science subject.
- Successful completion of the Pre-University Programme (PUP)

MARITIME OPERATIONS

This programme is intended to prepare you for a career as a shipboard officer in either the Navigation or Engineering disciplines. Graduates will, on successful completion of the course and the one-year sea training period, be eligible to sit the examination for competency at the Maritime Services Board. Success in this examination will result in the award of a Certificate of Competency for an Officer in Charge of a Navigation or Engineering Watch at sea.

PROGRAMME VENUE:
- Maritime Campus, Chaguaramas

ENTRY REQUIREMENTS:
- Engineering option
  Additional Mathematics plus passes in at least five (5) subjects at CXC (CSEC) General Proficiency (Grades I or II and from 1998 Grade III) or GCE O-Letvs, which must include Mathematics, English Language, and Physics.
- Navigation option
  Passes in at least five (5) subjects at CXC (CSEC) General Proficiency (Grades I or II and from 1998 Grade III) or GCE O-Letvs, which must include Mathematics, English Language, and Physics.

ORNAMENTAL HORTICULTURE

This Programme is designed to prepare graduates to enter as paraprofessionals at the middle management/supervisory level. It exposes participants to the principles and practices of management of forests for multiple uses - timber, watershed, recreation, biodiversity, aesthetic, and research. Emphasis is also placed on conservation of the environment. In addition, graduates of this program can transfer into a University to read for the Bachelor's Degree in Forestry.

PROGRAMME VENUE:
- ECIAF Campus, Centeno

ENTRY REQUIREMENTS:
- Passes in at least five (5) subjects at CXC (CSEC) General Proficiency or GCE O-Letvs, which must include Mathematics, English Language and a science subject. N.B. Agricultural Science is considered a science subject.
- Successful completion of the Pre-University Programme (PUP)

SPORT STUDIES

The Certificate in Sport Studies is being offered as a one-year programme comprising three (3) consecutive fifteen (15) week semesters. The programme includes theory, practical and service learning experiences intended to provide meaningful and relevant learning experiences for students that promote and encourage a general understanding of sport and its allied fields. The modules will introduce students to scientific and psycho-social sport related principles and concepts in educational, competitive and community settings.

PROGRAMME VENUE:
- San Fernando Technical Institute, San Fernando (SFTI)

APPLICATION FORMS CAN BE COLLECTED & SUBMITTED AT:
- The University of Trinidad and Tobago Point Lisas Campus
- Esperanza Road, Brenchin Castle, COUVA
- The University of Trinidad and Tobago O’Meara Campus
- Lots 74-98 O’Meara Industrial Park, ARIMA
- The University of Trinidad and Tobago John Donaldson Technical Institute
- Wrightson Road, PORT OF SPAIN
- The University of Trinidad and Tobago San Fernando Technical Institute
- Toruba Road, SAN FERNANDO
- The University of Trinidad and Tobago Valsayn Teacher’s College
- Old Southern Main Road, CUREPE
- The University of Trinidad and Tobago Corinth Teacher’s College
- Corinth Road, STE. MADELEINE
- The University of Trinidad and Tobago Eastern Caribbean Institute of Agriculture and Forestry
- Caroni North Bank Road, CENTENO
- Office of the School Supervisor III
- Division of Education
- Standard’s Building, 3rd Floor
- Milford Road, Scarborough, TOBAGO

Non-refundable application fee of TTD$90.00 for applicants from Trinidad & Tobago, US$5.00 or applicants from CARICOM and US$25.00 for international applicants is required with each application submitted and it must be accompanied by copies of supporting documentation eg. Birth Certificate and other relevant certificates.

Deadline for the submission of application forms – February 27, 2009

For further information, contact us at (868) 642 – 8888 Option 3 or visit our website at www.utt.edu.tt