

Programme Overview

This program replaces the Masters in Digital Technology which has been running since 2002. The revamped programme is designed to meet new internal requirements for course credits and course structure.

The programme also introduces areas of specialization in Telecommunications and Power Systems. These areas have been selected given the current trends in their respective industry. The telecommunications/ICT sector continues to grow. Power Engineering encompassing Alternate Energy and Control Systems is also key for the energy and manufacturing sectors which are growing here in Jamaica and the Caribbean.

Applicants to the programme may be:

- recent graduates seeking to upgrade their qualifications for work in the field of Telecommunications or Power Systems.
- Employed persons including managers, in any field seeking to retool or upgrade their skills and qualifications

Entry Requirements

- Persons should have at least the equivalent of a GPA of 2.5 or a Lower Second Class honours degree in a Science discipline.

How to Apply

Visit <https://www.mona.uwi.edu/content/entry-requirements>, click on apply now, create an account and follow the instructions.

Submit supporting documents to
Assistant Registrar, Office of Graduate Studies and Research,
The University of the West Indies, Mona Campus.

Request degree granting institutions other than The UWI to forward official transcripts directly to the Office of Graduate Studies and Research, The University of the West Indies, Mona Campus.

Duration

The programme will be offered over two years (18 months) on a part-time basis.

Programme Structure

COURSE CODE	COURSES TITLE	CREDITS
DEPARTMENTAL EXAMINATION		
	Panel Interview one-on-one with all applicants	NA
MATH1185	Mathematics for Scientists and Engineers	0
TBC	Word Processing, Presentations, Spreadsheets	0
ELET6500	Introduction to Advanced Electronics Systems	0
ELET6501	Introduction to Power Systems Theory	0
CORE COURSES		
MDPH6330	Seminar Series	2
PTMT6007	Essentials of Management For Project Managers	3
ELET6540	Data Communication Networks	3
ELET6530	Advanced Embedded System	3
ELET6550	Advanced Microcontrollers	3
ELET6590	Advanced Microprocessors	3
ELET6560	Programming (C and Matlab)	3
ELET6520	Digital Signal Processing	3
ELET6570	Control Systems Theory	3
ELET6580	Power Systems	
TELECOM SYSTEMS		
ELET6610	RF & Microwave Communication Systems	3
ELET6620	Antennas and Propagation	3
ELET6630	Wireless Communications and Mobile Networks	3
ELET6640	Advanced Communications	3
ELET6510	Research Project	6
POWER SYSTEMS		
ELET6710	Computer Aided Power Systems Analysis	3
RENT6008	Electrical Integration of Renewables	3
ELET6720	Transmission and Distribution	3
ELET6730	Advanced Control Systems Theory	3
ELET6510	Research Project	6

Schedule

Courses will be offered on Evenings and Weekends:
Mondays – Fridays | 5:30 pm – 9:00 pm
Saturdays | 9:00 am – 5:00 pm

Contact Information

The University of the West Indies
Mona, Kingston 7, Jamaica, West Indies
Faculty of Science and Technology
Department of Physics

Programme Coordinator:
Dr. Leonardo Clarke
Email: leonardo.clarke02@uwimona.edu.jm
Tel: 876-927-2480