



Global Partnership Insights – Program Review™

Customer: Sample Customer

Reference: SC-GPI-001

Date: 01 August 2026

U.S. Equivalence:	Bachelor degree, major area of study: Electrical Engineering
Credential:	Diploma of Higher Education confirming the title of Electrical Engineer
Country:	Sample Country
Institution:	University of Testing Technology
Recognition Status:	Program is recognized based on program status
Recognition Authority:	Ministry of Higher Education and Research
Admission Requirement:	U.S. equivalent of a high school diploma

Additional Notes:

University of Testing Technology (UTT) was established as an Institute for Testing Technology (ITT) in 1998. It was upgraded to a university status by Ministerial decree (MOHER/HEI/45/2015) in 2015. University of Testing is an approved institution of higher education in Sample Country, however only its Engineering programs have been fully accredited since its inception.

Course title	Institution credits	U.S. equivalent (semester hours)
Humanities and Social Sciences		
Introduction to Education	3.00	1.00
Professional Writing	0.00	0.00
Career Planning & Development-I	3.00	1.00
Career Planning & Development-II	3.00	1.00
Modern Art	6.00	2.00
Language Composition	12.00	4.00
English Comprehension & Speaking	9.00	3.00
Advanced English Composition	9.00	3.00
English Language Proficiency	0.00	0.00
Public Speaking	9.00	3.00



Introduction to Philosophy	9.00	3.00
General Psychology	9.00	3.00
Environmental Science	6.00	2.00
Principles of Microeconomics	9.00	3.00
Introduction to Accounting	6.00	2.00
Sciences		
General Chemistry	9.00	3.00
Chemistry Lab	3.00	1.00
Physics	9.00	3.00
Physics Lab	3.00	1.00
Advanced Physics	9.00	3.00
Applied Calculus	9.00	3.00
Calculus I	9.00	3.00
Calculus II	9.00	3.00
Linear Algebra	6.00	2.00
Calculus III	9.00	3.00
Numerical Analysis	9.00	3.00
Statistics	9.00	3.00
Engineering Sciences		
Fundamentals of Computer & Applications	9.00	3.00
Computer Applications Lab	3.00	1.00
Programming in C	9.00	3.00
Programming in C Lab	3.00	1.00
Engineering Drawing	3.00	1.00
Introduction to Mechanical Engineering	9.00	3.00
Circuit Analysis I	9.00	3.00
Circuit Analysis I Lab	3.00	1.00
Engineering Ethics	6.00	2.00
Circuit Analysis II	9.00	3.00
Circuit Analysis II Lab	3.00	1.00
Electrical Machines I	9.00	3.00
Electrical Machines I Lab	3.00	1.00
Electronic Analysis I	9.00	3.00



Electronics I Lab	3.00	1.00
Electric & Magnetic Fields	9.00	3.00
Electrical Machines II	9.00	3.00
Electrical Machines II Lab	3.00	1.00
Linear Circuits & Systems *	9.00	3.00
Electronic Analysis II *	9.00	3.00
Electronics II Lab *	3.00	1.00
Linear Circuits & Systems *	9.00	3.00
Digital Logic Design *	9.00	3.00
Digital Logic Design Lab *	3.00	1.00
Electrical Properties of Materials *	6.00	2.00
Electrical Wiring & Estimation *	3.00	1.00
Communication Theory *	9.00	3.00
Communication Lab *	3.00	1.00
Power Transmission & Distribution *	9.00	3.00
Microprocessor Systems & Interfacing *	9.00	3.00
Microprocessor Interfacing Lab *	6.00	1.00
Digital Signal Processing *	9.00	3.00
Digital Signal Processing Lab *	3.00	1.00
Feedback Control System Analysis & Design *	9.00	3.00
Feedback Control System Analysis & Design Lab *	6.00	1.00
Project Evaluation Planning & Management *	9.00	3.00
Power System Analysis *	9.00	3.00
Power System Analysis Lab *	3.00	1.00
Power Stations *	9.00	3.00
Power System Analysis Lab *	3.00	1.00
Specialization Electives		
Industrial Electronics *	9.00	3.00
Industrial Electronics Lab *	3.00	1.00
Measurement & Instrumentation *	9.00	3.00
Measurement & Instrumentation Lab *	3.00	1.00
Switchgear & Protective Relays *	9.00	3.00
Switchgear & Protective Relays Lab *	3.00	1.00



High Voltage Engineering *	9.00	3.00
High Voltage Engineering Lab *	3.00	1.00
Renewable Energy *	9.00	3.00
Renewable Energy Lab *	3.00	1.00
Advanced Electrical Machines *	9.00	3.00
Advanced Electrical Machines Lab *	3.00	1.00
Brain Engineering *	9.00	3.00
Brain Engineering Lab *	3.00	1.00
Optoelectronics *	9.00	3.00
Semiconductor Device & Fabrication Techniques *	9.00	3.00
Digital & Satellite Communication Engineering *	9.00	3.00
Digital & Satellite Communication Lab *	3.00	1.00
Embedded System *	9.00	3.00
Embedded System Lab *	3.00	1.00
Microwave Engineering *	9.00	3.00
Microwave Engineering Lab *	3.00	1.00
Optical Fiber Communication *	9.00	3.00
Optical Fiber Communication Lab *	3.00	1.00
VLSI Design *	9.00	3.00
VLSI Design Lab *	3.00	1.00
Robotics & Automation Engineering *	9.00	3.00
Biomedical Electronics *	9.00	3.00
Capstone		
Thesis *	18.00	6.00
Practicum *	18.00	6.00

* Upper-level course (if noted)

Program Requirements

- **Total institution credits required for the program: 450**
- **Total U.S. equivalent semester hours required for the program: 150**



Percent grade	Description	Original grade	U.S. equivalent
85-100	Very good	VG	A
70-84	Good	G	B
60-69	Satisfactory	S	C
55-59	Poor	P	D
0-54	Unsatisfactory	U	F
-	Passing (Ungraded)	PG	P

Explanatory Notes:

For the purpose of this review, ECE researched the available professional and online resources to determine the status of an institution/program at the time of research. The results of each review are presented in one of the four statements below:

Statement	Description
Program is recognized based on institution status	• Institution offering the program operates in a country (or other political division) where academic degree-granting recognition is assessed at the institutional level; AND • This institution holds academic degree-granting recognition from the relevant educational authority where it operates (e.g. Ministry of Higher Education, Higher Education Council, Accrediting body etc.).
Program is recognized based on program status	• Institution/organization offering the program operates in a country (or other political division) where academic recognition for this type of program is assessed at the program level; AND • This program holds academic recognition (This Review includes only one program. Other programs may or may not have academic recognition).
Program is not recognized based on institution status	• Institution offering the program operates in a country (or other political division) where academic degree-granting recognition is assessed at the institutional level; AND • This institution lacks academic recognition from the relevant educational authority where it operates (e.g. Ministry of Higher Education, Higher Education Council, Accrediting body etc.).
Program is not recognized based on program status	• Institution/organization offering the program operates in a country (or other political division) where academic recognition for this type of program is assessed at the program level; AND • This program lacks academic recognition (This Review includes only one program. Other programs may or may not have academic recognition).
Recognition Authority	Denotes the name of the relevant authority responsible for conferring academic degree-granting recognition or programmatic recognition within the country (or other political division) where the institution operates. When there are multiple recognition authorities within a country, only the recognition authority relevant to the status of the institution/program is provided.

*** Nothing below this line ***