



Global Partnership Insights – Program Review™

Customer: Sample Customer

Reference: SC002

Date: 01 January 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: Institution is not a recognized degree-granting institution, but selected programs are recognized/accredited

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



Grading System at University of Testing Technology

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 at the time of research. The results of each review are presented in one of the three statements below:

Statement

Institution is a recognized degree-granting institution

Description

- Institution operates in a country (or other political division) where academic degree-granting recognition is assessed at the institutional level; AND
- 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.).

Institution is not a recognized degree-granting institution

- Institution operates in a country (or other political division) where academic degree-granting recognition is assessed at the institutional level OR at the program level; AND
- Institution lacks academic degree-granting recognition at any level from the relevant educational authority where it operates (e.g. Ministry of Higher Education, Higher Education Council, Accrediting body etc.)

Institution is not a recognized degree-granting institution, but selected programs are recognized/accredited

- Operates in a country (or other political division) where academic degree-granting recognition is assessed at the program level; AND
- Holds academic degree-granting recognition for at least one program that it offers (note: This Institution Review includes only one program. Other programs at the institution may or may not have academic recognition).

Recognition Authority

Denotes the name of the relevant authority responsible for conferring academic degree-granting 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 is provided.

*** Nothing below this line ***