# LOGISTICS ENGINEERING TECHNOLOGY: DIPLOMA

#### **Program Mission**

Working in partnership with industry, the Diploma in Logistics Engineering Technology program provides quality education that prepares highly skilled technicians capable of serving the community and fulfilling personal ambitions with excellence. Graduates may choose to continue into the additional two years of the program to become innovative engineers.

### **Program Goal**

The Program Educational Objectives of the Diploma in Logistics Engineering Technology program are to:

1. Provide logistics professionals with the technical knowledge and skills required by the industry to highest

level of standards.

 Prepare graduates for a successful career as effective decision makers with strong communication and teamwork skills and an understanding of the global, ethical and social implications of engineering profession.
 Teach graduates strong commitment to lifelong learning, continuing education, and professional growth.

4. Instil graduates with leadership qualities and commitment to contribute actively to their profession.

#### **Program Learning Outcomes**

Upon graduation, a HCT graduate in Diploma in Logistics Engineering Technology should demonstrate an ability to:

- Apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve well#defined engineering problems appropriate to the Logistics Engineering Technology.
- Design solutions for well#defined technical problems and assist with the engineering design of systems, components, or processes appropriate to the Logistics Engineering Technology.
- 3. Apply written, oral, and graphical communication in well#defined technical and non#technical environments; and an ability to identify and use appropriate technical literature.
- 4. Conduct standard tests, measurements, and experiments and to analyze and interpret the results.
- 5. Function effectively as a member of a technical team.

# Requirements

Completion Requirements

Diploma in Logistics Engineering Technology

Students must successfully complete a minimum of 73 credits, including:

Code	Title	Credit Hours
Program Core Cou	46	
Mathematics and	9	
General Studies co	18	
Total Credit Hours	73	

Logistics Engineering Core CoursesRequired Credits: 46EGN 1001Engineering Workshop1EGN 1013Design Thinking in Technology3EGN 2101Computer Aided Drafting1EGN 2233Engineering Mechanics Fundamentals3EGN 2306Work Placement I6EGN 3333Health Safety and Environment3IET 2103Technology Innovation and Integration3IET 3233Facilities Planning and Material Handling3IET 4523Warehouse and Inventory Management3IGE 2003Logistics Principles and Supply Chain3IGE 2013Transportation Modes3IGE 2013Transportation Modes3IGE 2013Introduction to Enterprise Information3IGE 2013Anagement3IGE 2013Accounting for Managers3IGE 2013Calculus 103IGE 2013Accounting for Managers3IGE 2013Calculus 113IGE 2014Calculus 113IGE 2015IGE3 <t< th=""><th>Code</th><th>Title</th><th></th><th>Credit Hours</th></t<>	Code	Title		Credit Hours			
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Maximum Duration of Study 3 years	Total Required Cro	edits	73				
Maximum Duration of Study 5 years	Maximum Duratio	on of Study	3 years				
Minimum Duration of Study 2 years	Minimum Duratio	n of Study	2 years				
Cost Recovery Program No	Cost Recovery Pro	ogram	No				
Program Code DLGET			DLGET				

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### Ideal Study Plan

Major Code

Recommended Sequence of Study

Year 1		
Semester 1		Credit
		Hours
AES 1013	Arabic Communications	3
EGN 1133	Design Thinking in Technology	3
LSC 1103	Professional Communication and Reporting	3
LSS 1003	Life and Future Skills	3
PHY 1103	Physics I	3
	Credit Hours	15
Semester 2		
EGN 1001	Engineering Workshop	1
EGN 2233	Engineering Mechanics Fundamentals	3
ICT 2013	Computational Thinking and Coding	3
MTH 1113	Statistics for Engineering	3
MTH 1203	Calculus I	3
PHY 1203	Physics II	3
	Credit Hours	16
Summer		
LGE 2003	Logistics Principles and Supply Chain Management	3
IET 2103	Technology Innovation and Integration	3
	Credit Hours	6
Year 2		
Semester 3		
IET 3233	Facilities Planning and Material Handling	3
LGE 2013	Transportation Modes	3
LGE 2203	Introduction to Enterprise Information Management	3
LGE 2313	Managing People and Organizations	3
MTH 2103	Calculus II	3
	Credit Hours	15
Semester 4		
EGN 2101	Computer Aided Drafting	1
EGN 3333	Health Safety and Environment	3
IET 3203	Operations Management	3
IET 4523	Warehouse and Inventory Management	3
LGE 2902	Sophomore Design Project	2
LGE 3503	Accounting for Managers	3
	Credit Hours	15
Summer		
EGN 2806	Work Placement I	6
	Credit Hours	6
	Total Credit Hours	73
		10