

Associate of Applied Science Degree

GENERAL ENGINEERING TECHNOLOGY

HGTC's General Engineering Technology program is designed to prepare professional and competent engineering technicians for employment in the local area. Possessing strong multidisciplinary skills, graduates will demonstrate a broad knowledge of engineering technology and will use appropriate problem-solving techniques, according to professional, administrative, ethical, legal, and regulatory requirements. Graduates of this program will be able to combine skills and knowledge to address industrial operations and keep industries running efficiently.

CURRICULUM SEQUENCE

First Semester - Fall

EET 113	Electrical Circuits I	4
EGR 270	Introduction to Engineering	3
ENG 101	English Composition I	3
HIS 101	Western Civilization to 1689	3
MAT 110	College Algebra	3
	TOTAL	16

Second Semester - Spring

EET 114	Electrical Circuits II - AC	4
ENG 102	English Composition II	3
MAT 111	College Trigonometry	3
PHI 110	Ethics	3
	TOTAL	13

Third Semester - Summer

EET 131	Active Devices	4
EET 253	Microprocessors	3
SPC 205	Public Speaking	3
	TOTAL	10

Fourth Semester - Fall

CHM 110	College Chemistry I	4
EET 231	Industrial Electronics	4
EGR 275	Introduction to Engineering/ Computer Graphics	3
MAT 140	Analytical Geometry & Calculus I	4
	TOTAL	15

Fifth Semester - Spring

EGR 190	Statics	3
or		
EGR 260	Engineering Statics	
EGR 288	Drainage Design	3
MAT 141	Analytical Geometry & Calculus II	4
PHY 201	Physics I	4
PSY 201	General Psychology	3
	TOTAL	17
	TOTAL CREDIT HOURS	71