

SCHOOL OF ENGINEERING			
Degree: ASSOCIATE Credits: 55		CURRICULUM	
Program: QUALITY CONTROL ENGINEERING TECHNOLOGY			
Description: The program focuses on areas of quality assurance for industrial or service environments. Graduates will also have the necessary educational background to continue studies towards a Bachelor's Degree in Science of Industrial Engineering and Management.			
Course Code	Course Title	Credits	Requisites
General Education Courses			
ENGL 152	Communicative English II	3	Placement Exam
ENGL 153	Advanced Communicative English	3	ENGL 152
ENGL 231	Research and Writing	3	ENGL 153
SPAN 152	Fundamentals of reading and writing	3	Placement Exam
SPAN 250	Writing Techniques	3	SPAN 152
MATH 121	Intermediate Algebra	3	Placement exam
MATH 151	Algebra and Trigonometry I	4	MATH 121
SOSC 111	Individual, Community, Govt. and Social Responsibility I	3	
HUMA 111	Civilizations and Universal Culture I	3	
Core Courses			
FSEN 100	Introduction to Engineering Technology	3	
ECTE 122	Introduction to Computer Programming	3	Co-req. MATH 152
MATH 152	Algebra and Trigonometry II	4	MATH 151
Concentration Courses			
QETE 240	Quality Management Principles & Improvement Tools	3	Co-req. MATH 121 or approved
QETE 245	Fundamentals of Statistical Process Control/Metrology	3	QETE 240
QETE 245L	Lab. of Fund. of Statistical Process Control/Metrology	1	Co-req. QETE 245
QETE 250	Introduction to Technical Eng. Management	3	MATH 152
QETE 255	Fundamentals of Lean Manufacturing - Six Sigma	3	QETE 245
Elective Courses			
MATH 221	Calculus I	4	MATH 152
QETE 260	Principles of Industrial Regulations and Validations	4	QETE 240

Minimum grade required: All course of the program must be approved with a minimum grade of C.

Rev. 2012

SCHOOL OF ENGINEERING			
Degree: ASSOCIATE		PLAN OF STUDY	
Credits: 55			
Program: QUALITY CONTROL ENGINEERING TECHNOLOGY			
Course Code	Course Title	Credits	Requisites
FIRST YEAR - FIRST SEMESTER			
FSEN 100	Introduction to Engineering Technology	3	
MATH 121	Intermediate Algebra	3	Placement Exam
HUMA 111	Civilizations and Universal Culture I	3	
SPAN 152	Fundamentals of Reading and Writing	3	Placement Exam
ENGL 152	Fundamentals of Reading and Writing	3	Placement Exam
		15	
FIRST YEAR - SECOND SEMESTER			
QETE 240	Quality Management Principles & Improvement Tools	3	Co-req. MATH 121 or approved
MATH 151	Algebra and Trigonometry I	4	MATH 121
SPAN 250	Writing Techniques	3	SPAN 152
ENGL 153	Advanced Communicative English	3	ENGL 152
		13	
SECOND YEAR - FIRST SEMESTER			
QETE 245	Fundamentals of Statistical Process Control/Metrology	3	QETE 240
QETE 245L	Lab. of Fund. of Statistical Process Control/Metrology	1	Co-req. QETE 245
ECTE 122	Introduction to Computer Programming	3	Co-req. MATH 152
SOSC 111	Individual, Community, Govt. and Social Responsibility I	3	
MATH 152	Algebra and Trigonometry II	4	MATH 151
		14	
SECOND YEAR - SECOND SEMESTER			
QETE 250	Introduction to Technical Eng. Management	3	MATH 152
QETE 255	Fundamentals of Lean Manufacturing - Six Sigma	3	QETE 245
ENGL 231	Research and Writing	3	ENGL 153
	Engineering Elective	4	See electives pre-requisites
		13	