

2013-2014
BACHELOR OF SCIENCE DEGREE IN:
CIVIL ENGINEERING TECHNOLOGY

SEM	GRADE	COURSE & TITLE	UNIVERSITY STUDIES, 44 HOURS	HRS
ORAL AND WRITTEN COMMUNICATION				
		COM 161 INTRODUCTION TO PUBLIC SPEAKING		3
		ENG 105 CRITICAL READING, WRITING, AND INQUIRY	Prereq: ENG 100 or English ACT at least 18 <i>and</i> Reading ACT score at least 20 (or REA 100/120)	4
GLOBAL AWARENESS, CULTURAL DIVERSITY, AND THE WORLD'S ARTISTIC TRADITIONS				
		ANY COURSE IN CATEGORY		3
SCIENTIFIC INQUIRY, METHODOLOGIES, & QUANTITATIVE SKILLS				
		MAT 130 TECHNICAL MATH I	Prereq: MAT ACT at least 21 or MAT 105	5
		PHY 130/131 GENERAL PHYSICS I/LAB	Prereq: MAT 140 or equivalent (MAT 130)	4
		PHY 132/133 GENERAL PHYSICS II/LAB	Prereq: PHY 130/131	4
SOCIAL & SELF-AWARENESS AND RESPONSIBLE CITIZENSHIP				
		ANY COURSE IN SUB-CATEGORY OF ETHICS, SOCIAL RESPONSIBILITY, & CIVIC ENGAGEMENT		3
		ECO 230 PRINCIPLES OF MACROECONOMICS	Prereq: MAT 117, 120, 130, 140 or 150; or ACT 23	3
WORLD'S HISTORICAL, LITERARY, & PHILOSOPHICAL TRADITIONS				
		CIV 201 WORLD CIVILIZATION & CULTURES I OR CIV 202 WORLD CIVILIZATIONS & CULTURES II		3
		HUM 211 WESTERN HUMANITIES TRADITION		3
UNIVERSITY STUDIES ELECTIVES				
		MAT 230 TECHNICAL MATH II	Prereq: MAT 130	5
		GSC 101 THE EARTH AND THE ENVIRONMENT		4

SEM	GRADE	COURSE & TITLE – CORE CLASSES, 41 HOURS	HRS	
		CET 280 PLANE SURVEYING	Prereq: MAT 130 and ITD 107	3
		CET 284 SUSTAINABLE DESIGN AND CONSTRUCTION (S)		3
		CET 385 CONSTRUCTION ESTIMATING I (F)	Prereq: CET 310	3
		CET 480 CONSTRUCTION PLANNING AND MANAGEMENT (F)		3
		ENG 324 TECHNICAL WRITING	Prereq: ENG 105	3
		ENT 099 TRANSITIONS (F)		1
		ENT 287 STATICS FOR TECHNOLOGY	Prereq: MAT 130 and PHY 130/131	3
		ENT 358 MECHANICAL AND ELECTRICAL SYS (S)	Prereq: PHY 132/133 and Junior	3
		ENT 382 HYDRAULICS (S)	Prereq: MAT 130	4
		ENT 393 ENGINEERING ECONOMY	Prereq: MAT 130 and Junior Standing	3
		ENT 419 SENIOR PROJECT (S)		3
		IET 399 PROFESSIONAL DEVELOPMENT SEMINAR I		1
		IET 488 COOPERATIVE EDUCATION/ INTERNSHIP		1
		ITD 107 INTRODUCTION TO TECHNICAL DRAWING AND COMPUTER AIDED DRAFTING		4
		MAT 330 TECHNICAL MATH III (S)	Prereq: MAT 230	3
OPTION COURSES, 35 HOURS				
		CET 298 STRENGTH OF MATERIALS	Prereqs: ENT 287 and MAT 230	3
		CET 370 ROUTE SURVEYING (S)	Prereqs: CET 280 and MAT 230	3
		CET 481 STRUCTURAL STEEL DESIGN (F)	Prereq: CET 298	3
		CET 482 REINFORCED STEEL CONCRETE DESIGN (S)	Prereq: CET 298	3
		CET 483 CONSTRUCTION MATERIALS (F)		4
		CET 484 SOIL MECHANICS AND FOUNDATIONS (S)	Prereq: ENT 287	4
		CET 410 TRANSPORTATION SYSTEMS AND DESIGN (Fall)	Prereq: CET 280	3
		ENT 286 INTRO TO ENVIRONMENTAL ENGINEERING TECHNOLOGY		3
		TECHNICAL ELECTIVES		9

TOTAL CURRICULUM REQUIREMENTS, 120 HOURS

Dated: April 2013