2013-14

BACHELOR OF SCIENCE DEGREE IN:

ARCHITECTURAL ENGINEERING TECHNOLOGY

SEM	GRADE	COURSE & TITLEUNIVERSITY 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 *and* 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 310 ANATOMY OF BUILDINGS (S)	3
		CET 481 STRUCTURAL STEEL DESIGN (F) Prereq: CET 298	3
		CET 482 REINFORCED CONCRETE DESIGN (S) Prereq: CET 298	3
		CET 483 CONSTRUCTION MATERIALS (F)	4
		CET 490 CONSTRUCTION SCHEDULING AND METHODS (S) Prereq: CET 480	3
		ITD 104 COMPUTER AIDED DESIGN Prereq: ITD 101 or 107 (Fall or Spring- Zirbel only)	4
		ITD 301 ARCHITECTURAL DESIGN I Prereq: ITD 101 (or 107)	4
		ITD 401 ARCHITECTURAL DESIGN II (F) Prereq: ITD 301 and 350	4
		ITD 503 ARCHITECTURAL DESIGN III (S) Prereq: ITD 401	4

TOTAL CURRICULUM REQUIREMENTS, 120 HOURS

Date: April 2013