

<b>College</b>	<b>College of Engineering</b>	<b>Department</b>	<b>Civil and Construction Engineering</b>
<b>Program</b>	<b>Quantity Surveying and Commercial Management</b>	<b>Degree Level</b>	<b>Bachelor of Science</b>
<b>Total Credit Hours</b>	<b>131 CH</b>	<b>Applicable for batch of</b>	<b>2020 and above</b>

Year One		Year Two		Year Three		Year Four		Year Five
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
ISLM101 Islamic Civilization	CVEN2001 Construction Surveying Pre-R: CVEN2002	MATH2001 Mathematics	CNMN3008 Construction Technology II Pre-R: CNMN3007	CNMN3002 Construction Safety Pre-ENGL101	CNMN4005 Building Information Modelling Pre-CNMN3003	CNMN4004 Construction Accounting and Finance Pre-MATH2001	CNMN4001 Research Project**	CNMN4001 Research Project
ENGL101 English Communication Skills 1	ENGL102 English Communication Skills 2 Pre-R: ENGL101	SURV201 Design Economics and Cost Planning Pre-R: ENGR201	SURV202 Standard Method of Measurement Pre-R: MATH2001	CNMN3003 Construction Equipment Pre-MATH2001	CNMN4007 Sustainable Construction Pre-CVEN2002	ENGR4001 Engineering Economics Pre-MATH2001, CNMN3005	CNMN4002 Mechanical and Electrical Systems Pre-CNMN3003	SURV404 Construction Commercial Management Pre-ENGR4001
CVEN2002 Civil Engineering Materials	ENGR201 Engineering Drawing	CNMN3007 Construction Technology I Pre-R: CVEN2002	CNMN3005 Contract Administration Pre-R: CVEN2002	SURV301 Quantification and Costing I Pre-SURV202	SURV302 Civil Engineering Standard Method of Measurement Pre-SURV301	SURV303 Procurement and Tendering Pre-CNMN3005	SURV403 Quantification and Costing II Pre-SURV301	ENGR4002 Engineering Project Management Pre-CNMN3003
PHYS1001 Physics I	ENGR1001 Mechanics of Materials Pre-R: PHYS1001	ENGR202 Technical Writing and Presentation Pre-R: ENGL102	CNMN3009 Construction Site Planning and Control Pre-CVEN2002	MNGT313 Entrepreneurship*	CNMN3004 Construction Law Pre-CNMN3005	Quantity Surveying and Commercial Management Elective	Quantity Surveying and Commercial Management Elective	Quantity Surveying and Commercial Management Elective
					ENGR322 Summer Internship		SURV4007 Risk and Value Management Pre-CNMN3009	
<b>14 CH</b>	<b>14 CH</b>	<b>14 CH</b>	<b>15 CH</b>	<b>14 CH</b>	<b>15 CH</b>	<b>15 CH</b>	<b>19 CH</b>	<b>11 CH</b>

### List of Elective Courses:

A student must register in **3** courses with total of 12 credits hours following the program study plan

Course Code	Course Title	Pre-Requisite	Credits hours
CVEN4007	Environmental Engineering		4
ENEN4001	Renewable Energy		4
SURV4005	Property Valuation		4
SURV4006	Project Finance		4
ENEN4002	Solid Waste Management		4
COEN5087	GIS Application in Civil Engineering		4
PHIL2001	Professional Ethics		4
OJTR406	Industrial Internship I	90 Credit hours	0
OJTR407	Industrial Internship II	OJTR406	0