

## Degree and Study Plan

<b>College</b>	Engineering
<b>Department</b>	Civil and Construction Engineering
<b>Program</b>	Civil Engineering
<b>Degree Level</b>	Diploma
<b>Total Credit Hours</b>	77
<b>Cohort</b>	2018 and above

Summary of Credits	
University Requirements (UR)	12
College Requirements (CR)	27
Program Requirements (PR)	38
Total	77

**For more information contact:** Dr. Motasem Al-Azaiza

**HoD:** 

**Dean:** 

**Date:** 30/09/2024

Year One	Semester 1 (Fall)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	ISLM101	Islamic Civilization	3		UR
	ENGL101	English Communication Skills 1	3		UR
	ENGR111	Computer Applications	3		CR
	MATH101	Calculus I	3		CR
	PHYS101	Physics I	3		CR
	Total Credits		15		
	Semester 2 (Spring)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CHEM101	Chemistry	3		CR
	ENGL102	English Communication Skills 2	3	ENGL101	UR
	MATH102	Calculus 2	3	MATH101	CR
	PHYS102	Physics 2	3	PHYS101	CR
	ENGR110	Engineering Laboratories	3		CR
	Total Credits		15		

Year Two	Semester 3 (Fall)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CVEN310	Surveying	3	MATH101	PR
	CVEN332	Civil Engineering Materials	3	ENGR110	PR
	ENGR201	Engineering Drawing	3		CR
	ENGR202	Technical Writing and Presentation	3	ENGL102	CR
	MATH215	Linear Algebra	3	MATH101	CR
	ENGR220	Statics	3	MATH101	PR
	Total Credits		18		
	Semester 4 (Spring)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CVEN232	Engineering Geology	2	CHEM101	PR
	CVEN333	Mechanics of Materials	3	ENGR220	PR
	CVEN362	Transportation Engineering	3	CVEN310	PR
	CVEN340	Analysis of Structure I	3	ENGR220	PR
	ENGR321	Dynamics	3	ENGR220	PR
	Total Credits		14		

Year Three	Semester 5 (Fall)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CVEN301	Design of Concrete Structure I	3	CVEN340	PR
	CNMN405	Building Information Modelling	3	ENGR201	PR
	CVEN324	Integrating Group Project	3	ENGR202	PR
	ENGR301	Managing Engineering Organization	3	ENGR202	PR
	MNGT313	Entrepreneurship	3		UR
	Total Credits		15		