

"To meet the international standards as a source of excellence in engineering learning and center of research in the university"





Civil Engineering Handbook

College of Engineering, King Khalid University, Abha, Kingdom of Saudi Arabia



The Bachelor in Civil Engineering Degree Program is Accredited by the Engineering Technology Accreditation Commission of ABET



Engineering Accreditation Commission

Dr. Nabil Ben Kahla Chairman, Department of Civil Engineering, College of Engineering Building A, Gate 3, King Khalid University, PD Box 394, Abha 61421 Email: nbohlal@kku.edu.sa

Phone: +966172419704

DEPARTMENT OF CIVIL ENGINEERING



Civil Engineering Program Description

The faculty of engineering started with six departments: Civil Engineering, Mechanical Engineering, Electrical Engineering, Chemical Engineering, Industrial Engineering and Architecture. The authorized body i.e. MoHE (private institutions and Council of Higher Education for public institutions) has approved the all aforesaid programs via. MoHE/9683 dated 05/08/1426. Until the 1st Semester of 2007 the Bachelor of Science in Civil Engineering program resides in the Department of Civil Engineering. The first batch of students in Civil Engineering graduated in 2012. The needs of the industry and the university's ability to respond to the needs have helped shape the growth of the programs offered by the department. The faculty/staff of the Civil Engineering (CE) Department has implemented many modifications to the CE curricula.

Civil Engineering Program Vision

Providing excellence in Civil Engineering at par the international standards.

Civil Engineering Program Mission

Providing a distinguished education and professional skills in Civil Engineering that enable to use modern technology for societal improvement through professional and ethical practices, innovative research and community services.

Program Educational Objectives (PEOs)

PED 1: Successfully enter the civil engineering profession as practicing engineers and consultants with prominent companies and organizations.

PED 2: Incorporate economic, environmental, social, safety and global considerations when designing and investigating different systems.

PEO 3: Pursue professional licensure and engage in continued learning through professional development.

PED 4: Pursue graduate education and research at major research universities in civil engineering.

PED 5: Demonstrate leadership and service within their profession and in their communities through participation in professional societies and community services.

OLD Curriculum Trimester Plan (1/3)

	Ŋ	lear 1		
Level 1				
Course Nº and Code	Course Title	Credit Hours	Contact Hours	Pre-requisite
011-ENG-6	Intensive English Program 1	6	12	
107-CHEM-6	General Chemistry	6	7	
111-GE-4	Engineering Drawing	4	8	
Total No. O	of Credits/Contact Hrs	16	27	

	Y ear 2			
	Level4			
Course Nº and Code	Course Title	Credit Hours	Contact Hour	Pre- requisite
112-ICI-2	Islamic Culture-2	2	2	
218-EE-4	Electric Engineering -	4	5	129-PHYS-6 119-MATH-5
219-MATH- 5	Differentiation and Integration-2	5	5	119-MATH-5
201-ARAB-3	Language Skills	3	3	
Total No. O	Credits/Contact Hrs	14	15	

	Level 2			
Course Nº and Code	Course Title	Credit Hours	Contact Hours	Pre-requisite
012-ENG-6	Intensive English Program 2	6	12	011-ENG-6
119-MATH-5	Differentiation and Integration -1	5	5	
111-ICI-2	The Entrance to the Islamic Culture	2	2	
Total No. C	Total No. Of Credits/Contact Hrs		19	

	Level5			
Course Nº and Code	Course Title	Credit Hours	Contact Hour	Pre- requisite
121-ME-4	Production Technology and Workshop	4	7	111-GE-4
211-CE-5	Statics	5	7	129-PHY8-6
225-CE-3	Introduction to Geotechnical Engineering	3	3	
229-MATH- 5	Differentiation and Integration-3	5	5	219-MATH-5
Total No. Of	Credits/Contact Hrs	17	22	

Level 3				
Course Nº and Code	Course Title	Credit Hours	Contact Hours	Pre-requisite
129-PHY8-6	Physics -1	6	7	
129-MATH-5	Algebra and Geometry	5	5	119-MATH-5
101 CMS-5	Computer Science	5	6	
Total No. C	Total No. Of Credits/Contact Hrs		18	

L evel 6				
Course Nº and Code	Course Title	Credit Hours	Contact Hour	Pre- requisite
224-CE-5	Surveying	5	7	119-MATH-5
223-CE-5	Mechanics of Materials	5	6	211-CE-5
221-GE-3	Computer for Engineers	3	5	101 CMS-5
113-ICI-3	Islamic Culture-3	3	3	
Total No. Of Credits/Contact Hrs		16	21	

OLD Curriculum Trimester Plan (2/3)

Department of Civil Engineering

	7	l ear 3		
Level 7				
Course N° and Code	Course Title	Credit Hours	Contact Hours	Pre-requisite
202-ARAB-2	Arabic Writing	2	2	
312-CE-5	Properties and Testin of Materials	5	6	223-CE-5
311-CE-5	Fluid Mechanics	5	7	211-CE-5
319-MATH- 5	Differential Equations	5	5	219-MATH-5
Total No. O	f Credits/Contact Hrs	17	20	

	Year 4			
	Level 10			
Course N° and Code	Course Title	Credit Hours	Contact Hour	Pre- requisite
412-CE-5	Structural Analysis - 2	5	6	321-CE-5
414-CE-6	Soil Mechanics	6	8	223-CE-5
411-CE-6	Transportation Engineering	6	7	224-CE-5
Total No. Of Credits/Contact Hrs		17	21	

а					
	Level 8				
	Course Nº and Code	Course Title	Credit Hours	Contact Hours	Pre-requisite
	114-ICI-2	Islamic Culture-4	2	2	
	321-CE-5	Structural Analysis - 1	5	6	223-CE-5
	314-CE-3	Dynamics	3	3	211-CE-5
	323-CE-3	Eng. Properties of Soils and their Measurements	3	3	312-CE-5
	313-CE-3	Properties and Testin of Concrete	3	4	223-CE-5
	Total No. O	of Credits/Contact Hrs	16	18	

	Level 11			
Course N° and Code	Course Title	Credit Hours	Contact Hour	Pre- requisite
413-CE-5	- Reinforced Concret	5	6	321-CE-5
421-CE-6	Environmental Engineering	6	8	322-CE-5
425-CE-6	Highway Engineering	6	7	311-CE-5
Total No. Of Credits/Contact Hrs		17	21	

	Level9			
Course № and Code	Course Title	Credit Hours	Contact Hours	Pre- requisite
301-ENG-3	Technical Reports Writing	3	3	012-ENG-9
322-CE-5	Hydraulics	5	6	311-CE-5
324-CE-6	Geographic Information Systems	6	7	
329-8 TAT-3	Principles of Statistic and Probability	3	3	
400-CE-0	Summer Training	0	0	After completing 150 Cre.Hrs.
Total No. O	f Credits/Contact Hrs	17	19	

	Level 12			
Course N° and Code	Course Title	Credit Hours	Contact Hour	Pre- requisite
422-CE-3	Water Chemistry	3	3	322-CE-5
423-CE-5	- Reinforced Concret	5	6	413-CE-5
419-MATH-5	Numerical Analysis	5	5	319-MATH-5
424-CE-5	Foundation Engineering - 1	5	6	414-CE-6 413-CE-5
Total No. Of Credits/Contact Hrs		18	20	

OLD Curriculum Trimester Plan (3/3)



	Y ear 5				
	Level13				
Course Nº and Code	Course Title	Credit Hours	Contact Hours		
519-CE-0	Graduation Project*	4	4	Passing 188 credit hours	
511-CE-3	Pavement design and Materials 1	3	3	411-CE-6 321-CE-5	
	Elective 2	4	5		
	Elective 1	3	3		
Total No. (Of Credits/Contact Hrs	14	15		

	Level14			
Course Nº and Code	Course Title	Credit Hours	Contact Hours	Pre-requisite
523-CE-5	Design of Steel Structures	5	6	412-CE-5
	Elective 3	4	4	
512-CE-5	Hydrology	5	6	311-CE-5
Total No. C	Of Credits/Contact Hrs	14	16	

	Level15			
Course Nº and Code	Course Title	Credit Hours	Contact Hours	Pre-requisite
561-CE-3	Industry and the Environment	3	3	
582-CE-3	Construction Engineering	3	3	
311-IE-3	Engineering Economy	3	3	
	Elective 4	4	4	
Total No. (Of Credits/Contact Hrs	13	13	

New Curriculum Trimester Plan (1/3)

Year 1				
	Level l			
Course Nº and Code	Course Title	Credit Hours	Contact Hours	Pre-requisite
011-ENG-6	Intensive English Program 1	6	12	
107-CHEM-6	General Chemistry	6	7	
201-ARAB-2	Language Skills	2	2	
Total No. C	of Credits/Contact Hrs	14	21	

Y ear 2				
	Level4			
Course Nº and Code	Course Title	Credit Hours	Contact Hour	Pre- requisite
111-GE-4	Engineering Drawing	4	8	
218-EE-4	Electric Engineering -	4	5	129-PHYS-6 219-MATH-5
229-MATH- 5	Differentiation and Integration-3	5	5	219-MATH-5
211-GE-3	Leaming Skills	3	3	
Total No. Of	Credits/Contact Hrs	16	21	

	Level 2			
Course Nº and Code	Course Title	Credit Hours	Contact Hours	Pre-requisite
012-ENG-6	Intensive English Program 2	6	12	011-ENG-6
119-MATH-5	Differentiation and Integration -1	5	5	
111-ICI-2	The Entrance to the Islamic Culture	2	2	
Total No. C	of Credits/Contact Hrs	13	19	

	Level5			
Course Nº and Code	Course Title	Credit Hours	Contact Hour	Pre-requisite
221-ME-4	Production Technology and Workshop	4	7	111-GE-4
211-CE-5	Statics	5	7	129-PHY8-6
219-PHYS-6	Physics-2	6	7	129-PHYS-6
113-ICI-2	Islamic Culture-3	2	2	
Total No. O	f Credits/Contact Hrs	17	23	

	Level 3			
Course Nº and Code	Course Title	Credit Hours	Contact Hours	Pre-requisite
112-ICI-2	Islamic Culture -2	2	2	
219-MATH-5	Differentiation and Integration -2	5	5	119-MATH-5
129-PHY8-6	Physics -1	6	7	
104 CMS -3	Computer Science	3	5	
Total No. C	of Credits/Contact Hrs	16	19	

	L evel 6			
Course Nº and Code	Course Title	Credit Hours	Contact Hour	Pre-requisite
224-CE-5	Surveying	5	7	119-MATH-5
223-CE-5	Mechanics of Materials	5	6	211-CE-5
221-GE-3	Creativity and Innovation	3	3	
319-MATH- 5	Differential Equations	5	5	219-MATH-5
Total No. Of	Credits/Contact Hrs	18	21	

New Curriculum Trimester Plan (2/3)

	Y	ear 3		
	Level 7			
Course Nº and Code	Course Title	Credit Hours	Contact Hours	Pre-requisite
202-AR AB - 2	Arabic Writing	2	2	
312-CE-5	Construction Materials	5	6	223-CE-5
314-CE-3	Dynamics	3	3	211-CE-5
329-MATH- 4	Linear Algebra	4	4	
Total No. O	of Credits/Contact Hrs	14	15	

Y ear 4				
Level 10				
Course Nº and Code	Course Title	Credit Hours	Contact Hour	Pre-requisite
412-CE-5	Structural Analysis - 2	5	6	321-CE-5
414-CE-6	Soil Mechanics	6	8	223-CE-5
419-MATH-5	Numerical Methods	5	5	319-MATH- 5
Total No. Of Credits/Contact Hrs		16	19	

	Level 8			
Course Nº and Code	Course Title	Credit Hours	Contact Hours	Pre-requisite
114-ICI-2	Islamic Culture-4	2	2	
321-CE-5	Structural Analysis - 1	5	6	223-CE-5
311-CE-5	Fluid Mechanics	5	7	211-CE-5
	Elective 1 (Soft Skills)	3	3	
Total No. C	Of Credits/Contact Hrs	15	18	

	Level 11			
Course Nº and Code	Course Title	Credit Hours	Contact Hour	Pre-requisite
413-CE-5	- Reinforced Concrete	5	6	321-CE-5
422-CE-4	Civil Engineering Drawing	4	6	111-GE-4
423-CE-5	Hydrology	5	6	311-CE-5
411-GE-3 Professional Ethics and Practice		3	3	
Total No. O	f Credits/Contact Hrs	17	21	

	Level 9			
Course Nº and Code	Course Title	Credit Hours	Contact Hours	Pre- requisite
301-ENG-3	Technical Reports Writing	3	3	012-ENG-6
322-CE-5	Hydraulies	5	6	311-CE-5
324-CE-6	Geographic Information Systems	6	7	
329-8TAT-3	Principles of Statistics and Probability	3	3	
400-CE-0	Summer Training	0	0	After completing 130 Cre.Hrs.
Total No. C	of Credits/Contact Hrs	17	19	

	Level 12			
Course Nº and Code	Course Title	Credit Hours	Contact Hour	Pre-requisite
421-CE-6	Transportation Engineering	6	7	224-CE-5
425-CE-5	Design of Steel Structures	5	6	412-CE-5
424-CE-5	Foundation Engineering - 1	5	6	414-CE-6 413-CE-5
Total No. Of	Credits/Contact Hrs	16	19	

New Curriculum Trimester Plan (3/3)

Department of Civil Engineering

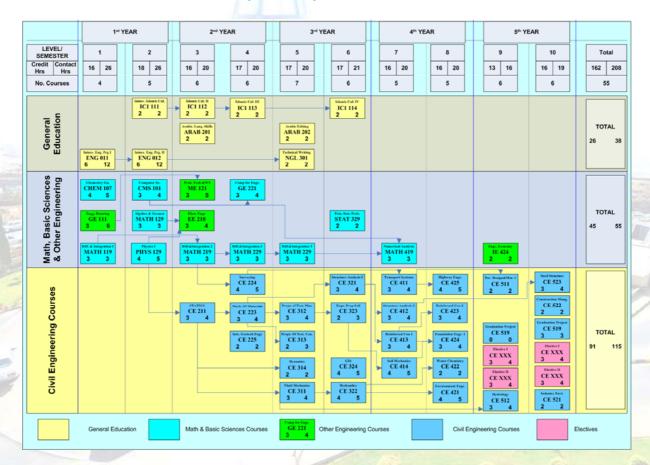


Year 5						
	Level 13					
Course Nº and Code	Course Title	Credit Hours	Contact Hours	Pre-requisite		
598-CE-4	Senior Design Project	4	4	Passing 174 credit hours		
501-CE-5	Reinforced Concrete - 2	5	6	413-CE-5		
	Elective - 2	4	5			
Total No. C	Of Credits/Contact Hrs	13	15			

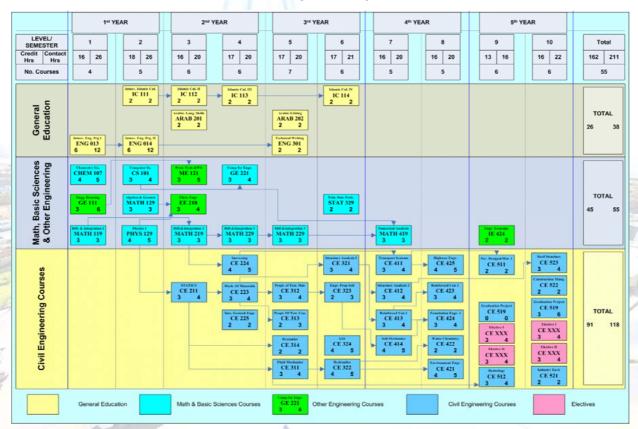
	Level14			
Course Nº and Code	Course Title	Credit Hours	Contact Hours	Pre-requisite
591-CE-4	Special topics	4	4	
581-CE-3	Construction Management	3	3	
	Elective - 3	4	5	
	Elective - 4	4	5	
Total No. C	of Credits/Contact Hrs	15	17	

	Level15			
Course Nº and Code	Course Title	Credit Hours	Contact Hours	Pre-requisite
561-CE-3	Industry and the Environment	3	3	
582-CE-3	Construction Engineering	3	3	
	Elective - 5	4	5	
311-IE-3	Engineering Economy	3	3	
Total No. C	Of Credits/Contact Hrs	13	14	

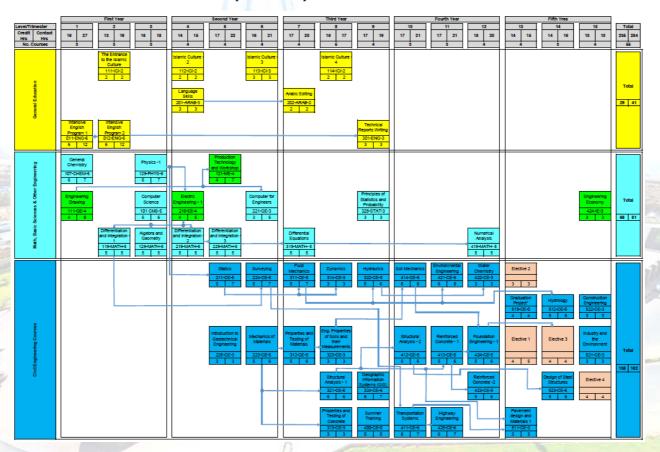
FLOWCHART FOR OLD CURRICULAM (Semester)



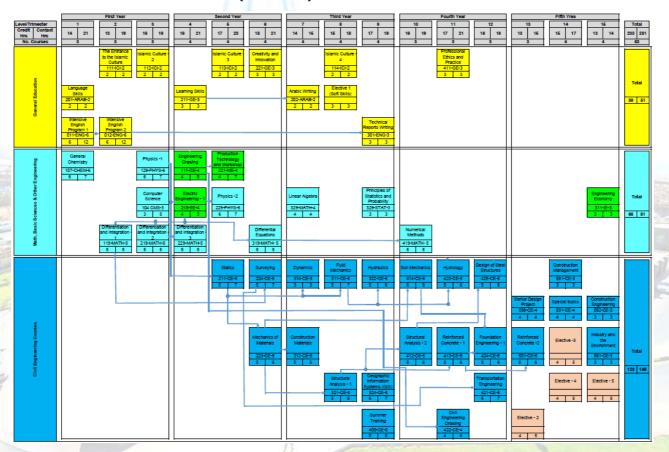
FLOWCHART FOR NEW CURRICULAM (Semester)



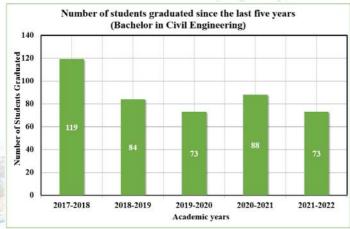
FLOWCHART FOR OLD CURRICULAM (Trimester)

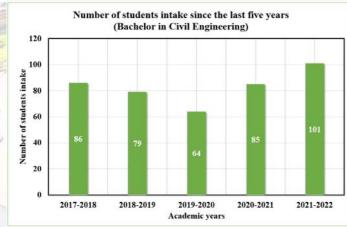


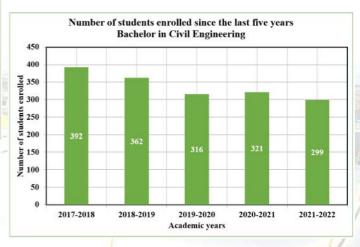
FLOWCHART FOR NEW CURRICULAM (Trimester)



Students Enrollment and Graduation statistics







Master Program -Construction Project Management (CPM)

PROGRAM VISION STATEMENT:

The Construction Project Management program is a distinguished academic program foster towards quality education and scientific research thereby promoting a sustainable infrastructural development of the Kingdom.

PROGRAM MISSION STATEMENT:

Construction Project Management Graduates with high level of competence in academic excellence, modern technology, scientific research, and service to the community.

PROGRAM DBJECTIVES (PDs):

The Construction Project Management program focuses on the following objectives:

- To equip graduates with diverse knowledge and skills that makes them capable of coping with the complex environment of construction project management.
- > To equip graduates for professional advancement, societal values, and leadership responsibility in their respective organizations.
- To prepare graduates to pursue advanced degrees or seek professional certification in construction Engineering and Management or related field.
- To prepare graduates to actively participate in professional and scientific activities relevant to Construction Project Management.

Master Program -Construction Project Management (CPM)

PROGRAM LEARNING OUTCOMES (PLOs):

- In-depth knowledge and comprehension of processes, materials, techniques, practices, conventions and/or terminology of Construction Management.
- Knowledge and comprehension of research methodology and inquiry techniques
- An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
- An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
- An ability to communicate effectively with a range of audiences
- An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.
- An ability to conduct sound research in Construction Project Management by utilizing appropriate research methods.
- An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
- An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Master Program -Construction Project Management (CPM)

1. Study Plan Structure

Program Structure		No. of Courses	Credit Hours	Percentage
Course	Required	7	28	62
Course	Elective	2/2	8	18
Graduation Project (if any)		äd		
Thesis (if any)		1	9	20
Field Experience (if any)		21 83		
Others ()	A) FT			
Total	9 1	10	45	100

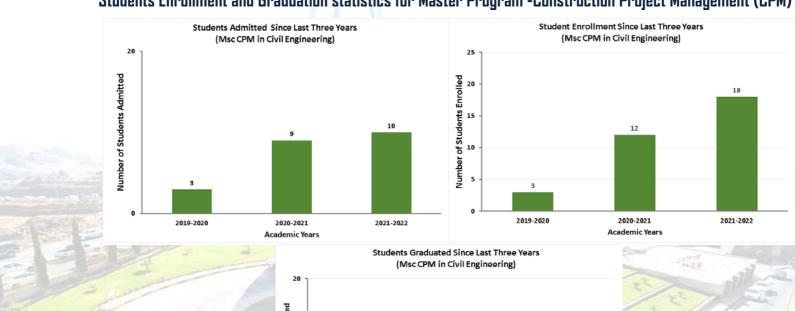
2. Program Courses

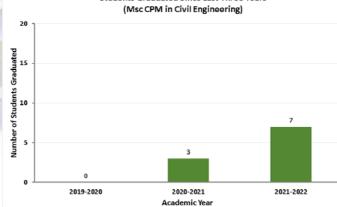
Year	Level	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours
	Level 1	CE781	Construction Planning and Control	Required	NA	4
	LEVELI	CE783	Research Methodology	Required	NA NA	4
÷	1 10	CE782	Quality Project Management	Required	NA	4
Year	Level 2	CE785	Risk management in construction	Required	NA	4
		CE784	Construction Contracts and Procurement	Required	NA NA	4
	Level 3	CE786	Project Financial Management	Required	NA NA	4
	1 17	CE788	Value Engineering	Required	NA	4
	Level 4	CE799	Master's thesis	Required	NA	9
2	1 15	CEXXX	Elective 1	Elective Elective	NA	4
Year 2	Level 5	CE799	Master's thesis	Required	NA	9
		CEXXX	Elective 2	Elective	NA NA	4
	Level 6	CE799	Master's thesis	Required	NA	9

3. Elective Courses

: Courses		1/	
	Course Code	Course Title	Credit Hours
	787 CE-4	Computer applications in construction	4
Elective 1	789 CE-4	Infrastructure Development and Management	4
	790 CE-4	Quality and Safety in Construction	4 1 4 1
	791 CE-4	Sustainable Materials and Green Buildings	4
Elective 2	792 CE-4	Building Services and Maintenance Management	4
	793 CE-4	Construction Practices and Equipment	4

Students Enrollment and Graduation statistics for Master Program -Construction Project Management (CPM)





Civil Engineering Laboratories

- Soil Mechanics and Foundation Laboratory
- Surveying Laboratory
- Fluid Mechanics and Hydraulics Laboratory
- GIS Laboratory
- Concrete and Structural Laboratory
- Highway and Building Materials Laboratory
- Environmental Engineering Laboratory

More Information related to the laboratories: http://civil.engineering.kku.edu.sa/en/content/473



Project titles of Senior design Project (graduation project) of Year 2021-2022 (1/3)

Title	Supervisor
Traffic Impact study for King Khalid University	Dr. Saeed Alqadhi
Study and design of a drinking water distribution network in the city of Abha	Dr. Hamdi Ayed
Hydrological and hydraulic study for the design of a reinforced concrete beam bridge	Dr. Hamdi Ayed
Design of a combined structure using Cobiax System	Dr. Mohamed Hecmi El Ouni
Design and Modelling of Smart retaining wall for rockfall prediction in Al Sulbat road	Dr. Khaled Khedher
Determination of Soil properties for Sandy Soils using Laboratory testing in Aseer Region	Dr. Ahmed Babaker
Characterization of Aseer Region Sabkha Soil	Dr. Mohd Ahmed

Project titles of Senior design Project (graduation project) of Year 2021-2022 (2/3)

Title	Supervisor
Compressive strength index of Fibre Concretes	Dr. Siva Kumar
Design of a Waste Water Treatment Plant for Abha City	Dr. Mohammad Abul Hasan
Groundwater potential mapping using AHP & Geoinformatics: A Case study of Abha-Khemis Watershed	Dr. Javed Mallick
Prioritizing region restoration management and development based on hydrochemical characteristic of surface water within Bisha watershed of Saudi Arabia	Dr. Javed Mallick
Design of industrial structural steel building	Dr. Yasser Alashker
Design of Airplane Structural steel building	Dr. Yasser Alashker
Structural design of a reinforced concrete administrative building	Dr. Khalid Al Hadi

Project titles of Senior design Project (graduation project) of Year 2021-2022 (3/3)

The second secon	
Title	Supervisor
Techniques of strengthening structural member in reinforced concrete structures	Dr. Khalid Al Hadi
Design of a high rise building subjected to wind loads	Dr. Mohamed Hecmi El Ouni
Development of Interlocking bricks using desert sand	Dr. Jameel Mohammed
Design and Analysis of polymer-based absorbent to enhance infiltration rate of sandy soil in Abha, Saudi Arabia	Roohul Abad Khan
Design and analysis for enhancement of water retaining capacity of soil in Semi-Arid region of Abha, Saudi Arabia	Roohul Abad Khan
Design of Cantilever retaining wall along Prince Sultan Road	Saiful Islam
Design of counterfort retaining wall along Talal Abha Road	Saiful Islam

Thesis allotted for Master Program -Construction Project Management (CPM) for academic year 2020-2021

Title	Student Name	Supervisor
The Impact of Total Quality Management implementation on Saudi Arabia Construction industry	Bandar Ali Abdullah Alqahtani	Dr. Jameel Mohammed Sardar Ali
Status of the National Project Guide Implementation and its Impact on the Infrastructure Projects in Saudi Arabia	Yazeed Abdullah Alragabah	Dr. Mohad Ahmed
Intelligent Decision Support System for safe and sustainable construction site in a mountainous region: GIS Based Machine Learning techniques	Abdulaziz Awadh Ibnatiq	Dr. Javed Mallick

Thesis allotted for Master Program -Construction Project Management (CPM) for academic year 2021-2022

1	Title	Student Name	Supervisor	Co-Supervisor
	Construction phase analogy and materials resource allocation using smart management tools	Hadi Mesfer Ali		Dr. Mohammed Abdullah Dahem

Smart construction sites in KSA: challenges and prospects	Ahmad Mohammad Sharqi	Dr. Mohamed Hechmi El Ouni	Dr. Salah Essoulamy
Productivity based method for forecasting cost and time of earthmoving operations using GPS and GIS tools: Case study in Aseer province	Ali Yahya	Dr. Khaled Khedher	Dr. Salah Essoulamy
The integrated management system for quality, environment, health and safety in small, medium sized enterprises and industries in Saudi Arabia	Abdulelah Nasser Almuoetah	Dr. Hamdi Ayed	Dr. Ibrahim Falqi
Sustainable waste management for the kingdom of Saudi Arabia	Khaled Saleh Jelhan		Dr. Mohammed Abdullah Dahem
Implementation of total quality management (TQM) in Saudi companies	Majed Alzahrani	Dr. Jameel Mohammed Sardar	Dr. Ibrahim Falqi
The consultant's contract in its current form and its impact on the delay of projects	Mohammed Saad Abdullah Al Zahrani	Dr. Mohammed Abdullah Dahem	Dr. Wael Shabaan

Faculty

The Civil Engineering department has a mechanism for hiring the excellent faculty, for continuous professional development and for facilitating the research work of faculty. The Civil Engineering department comprises of faculty with high academic achievements and a rich experience of teaching in various countries of the globe. In addition to academic experience, many faculty have experience in industry, consultancy, and professional organizations. The Civil Engineering faculties have also administrative experience at the college and the university levels. One of the Civil Engineering faculty has been appoint recently as a Dean of the college. The department head of the academic program is responsible for all aspects of management of the program, including curriculum development, instructional delivery, student assessment, schedule of classes and accreditation matters coordination. The department head discharges its duties through the various academic committees formed of specialized faculties for different aspects of management of the program. The department head is not responsible for personnel matters. The department head reports to the Dean of the college. The Dean is the administrative position responsible for all aspects of the academic process in the college.

Faculty Workload

The assigned workload of the faculty is as per the university current regulations and it is according to the academic rank of the faculty. Based on the rank and regulation, the teaching load assigned to the faculty without any extra remunerations are as given below.

1. Professor: 10 credit hours

2. Associate Professor: 12 credit hours

3. Assistant Professor: 14 credit hours

4. Lecturer: 16 credit hours

The faculty have the administrative responsibilities, in addition to academic, assigned lesser teaching load. The teaching load assigned is in line to support the faculty professional development, educational quality improvement activities and for facilitating their research work. The working hours assigned for Saudi faculty are 35 hours per week and for faculty on yearly contract, the working hours are 40 hours per week. The working hours are meant for teaching, research, academic advising, laboratory supervision, and any other tasks assigned to them.

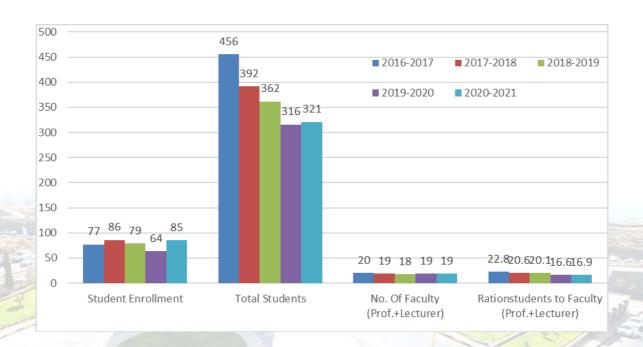
Faculty Size

There are currently 17 PhD academics (2 full professor, 6 associate professors, and 9 assistant professors) and 2 M.Sc. teachers and 1 teaching assistant at the Department of Civil Engineering. In the Civil Engineering degree, there are approximately 321 students enrolled (Spring 2021).

Figure shows the number of teachers and staff members, as well as their distribution, for the years 2017 to 2021, as well as the number of students enrolled in the Civil Engineering program. The current faculty-to-student ratio for professors and lecturers is 16.9. (one faculty member for every 17 students). In 2012-2013, student enrollment was at an all-time high as a result of government initiatives encouraging working professionals to enroll in order to upgrade their abilities.

The current faculty and student-to-faculty ratios are more than adequate to meet the needs of students, including teaching (introducing sections based on class size) with a reasonable number of students in each, reserving reasonable office hours for students, advising, and other tasks and duties, as well as allowing faculty members to perform other administrative, research, committee participation, professional development, and other tasks and duties.





Graphical representation of faculty and students size during the different years

Table: Faculty Details

Faculty Name	Designation	Academic Position	Email	ResearchGate link
Dr. Ibrahim Idrees A. Falqi		Associate Professor	ifalqi@kku.edu.sa	https://www.resea rchgate.net/profile /lbrahim Falqi
Dr. Mohammed Abdullah Dahim	Vice President	Associate Professor	madahim@kku.edu.sa	-
Dr. Majed Al Subih	Vice Dean of Academic Affairs	Assistant Professor	malsubih@kku.edu.sa	https://www.resear chgate.net/profile/ Majed-Alsubih
Dr. Saed Dhafer M. Alqadhi	Vice Dean of Higher Studies and research	Assistant Professor	sdalqadi@kku.edu.sa	https://www.resear chgate.net/profile/S aeed-Alqadhi
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