



MEHRAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY JAMSHORO
Department of Civil Engineering

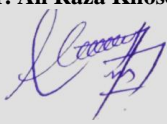


LESSON PLAN

COURSE TITLE: Professional Ethics		COURSE CODE: CE422	CREDIT HOURS: 02	MINIMUM CONTACT HOURS: 32
COURSE INSTRUCTOR: Dr. Ali Raza Khoso (A+B+D) / Engr. Saleem Raza (C)				
Batch: 20CE	Semester: 7th	Semester Starting Date: 20-11-2023	Semester Suspension Date: 29-03-2024	
COURSE LEARNING OUTCOMES:				
CLO	Description	Taxonomy Level	PLO	
1	FOLLOW ethical values that guide the civil engineers in their profession.	A2	8	
2	ADOPT means of ethically sound professional engineer with commitment and responsible conduct.	A3	6	
LESSON CONTENTS AND ASSOCIATED CLO(s)				
Contents	CLO No.	Marks Assigned	Delivery Methods	Assessment Methods (Marks)
Values & Ethics <ul style="list-style-type: none"> • Morals, values, ethics • Integrity, work ethics, respect for other, living peacefully, honesty, cooperation, commitment, self-confidence, Self-control, Responsibilities • Challenges in workplace • Senses of Engineering ethics, Moral autonomy • Professionalism, Ethical Theories • The American Council of Engineering Companies Ethical Conduct Guidelines • The American Society of Civil Engineers Code of Ethics • Code of Conducts and code of ethics in Pakistan Engineering Council • Collegiality and loyalty, Confidentiality, Conflict of interests <p>-No. of lectures: 14</p>	1	20	<ul style="list-style-type: none"> • Class Lecture • Discussion 	<ul style="list-style-type: none"> • Assignment (05) • Mid semester Exam (10) • Final Exam (05)
Professional Ethics in Civil Engineering <ul style="list-style-type: none"> • Engineering as experimentation, Codes of ethics in industry • Engineers as responsible experimenters • Civil Engineering as Profession • The Engineer's Role in Project Development • Permitting, Construction and Operation of 	2	30	<ul style="list-style-type: none"> • Class Lecture • Discussion 	<ul style="list-style-type: none"> • Class Test (05) • Final Exam (25)

<p>Engineering Works Byelaws 1987</p> <ul style="list-style-type: none"> • Writing Engineering Proposals • Dispute Resolution in Construction Projects • Communication Conduits, E-mail Usage and Limitations, Behavioral Characteristics of Team Members, • Ethical Responsibilities of Civil Engineer in a project life cycle • Best Practices related to professional ethics • Case studies <p>Responsibilities & Rights</p> <ul style="list-style-type: none"> • Occupational crime, Human rights, Employee rights, Whistle blowing • Intellectual property rights <p>No. of lectures: 18</p>				
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ASSESSMENT DETAILS

S. No.	Assessment Activities	Marks	Activities		CLO(s) to be assessed
1	Class Test/Assignment/Project Design/Presentation/Quiz/Field Report	10	Assignment(s)	1	1
			Class test(s)	1	2
2	Mid Semester Exam	10	1		1
3	Final Semester Exam	30	1		1, 2

<p>Prepared by: Dr. Ali Raza Khoso</p>  <p>Signature: Dated: 09-11-2023</p>	<p>Reviewed by: Curriculum Review Committee</p>  <p>Signature: Dated: 12-12-2023</p>	<p>Approved by: Chairman, CED</p>  <p>Signature: Dated: 12-12-2023</p>
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