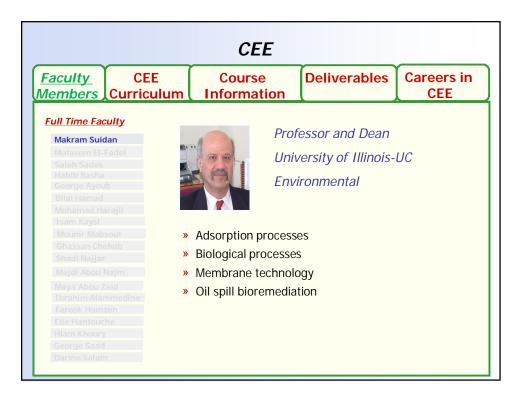
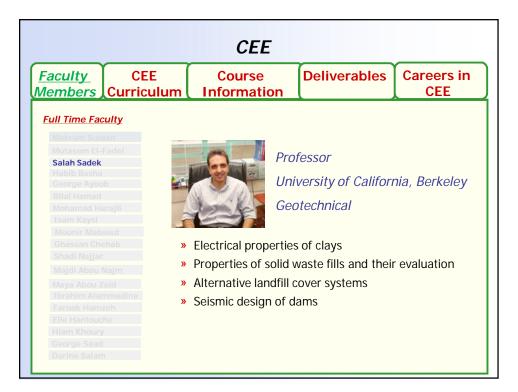


<u>Discipl</u>	nes	CEE Curriculum	Course Information	Deliverables	Careers in CEE
≻ Co	nstru	uction Mana	agement		
> En	viror	nmental			
> Geotechnical					
➤ Materials & Pavements					
> Str	uctu	ires			
> Tra	nspo	ortation & F	Planning		
> Wa	ter I	Resources a	and Hydraulics		

<u>aculty</u>	CEE	Course	Deliverables	Careers in
lembers	Curriculum	Information		CEE
Full Time Fac Makram Suid Mutasem El-I Salah Sadek Habib Basha George Ayou Bilal Hamad Mohamad Ha Isam Kaysi Mounir Mabs Ghassan Che Shadi Najjar Majdi Abou N Maya Abou Z Ibrahim Alan Farook Hamz Elie Hantouc Hiam Khoury George Saad	ulty Par an Kar Fadel His Am b You Cor rajli Adr sout Kha sout Kha sal lajm eid nmedine teh	t Time Faculty mal Azar ham Basha er El Souri ussef Fawaz usstantine Inglessis han Masri im Nader aldoun Nasreddine ah El-Dinn Sadek	<u>Staff</u> Helmi El-Khatib Bashir Asyala Jamil Bashir Christiane Chedid Joseph Daoud Zakeya Deeb Khaled Hallak Abdel Rahman ElS	



CEE					
<u>Faculty</u> Members	CEE Curriculum	Course Information	Deliverables	Careers in CEE	
Full Time Fac Makram Suic Mutasem El- Salah Sadek Habib Basha George Ayou Bilai Hamad Hamad Ha Isam Kaysi Mouhir Mabi Ghassan Ché Shadi Najjar Majdi Abou I Maya Abou Z Ibrahim Alar Farook Hama Elle Hantouc Hiam Khoury George Saad Darine Salam	Ian Fadel b arajli sout » shab whajm » vajm » vajm » reid » medine zeh	Star	d quality managem anagement & land	<i>Vater</i> essment nent	



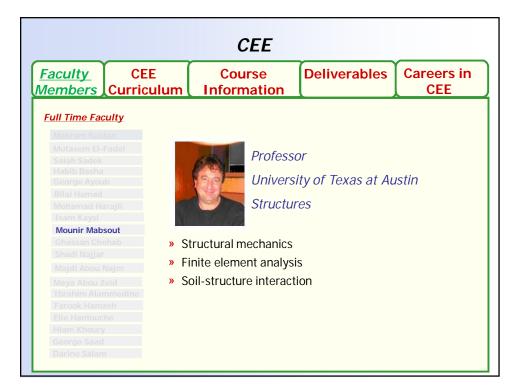
CEE					
<u>Faculty</u> Members	CEE Curriculum	Course Information	Deliverables	Careers in CEE	
Full Time Fac Nakram Suid Mutasem El-F Salah Sadek Habib Basha George Ayou Bilal Hamad Mohamad Ha Isam Kaysi	an Fadel	Univ	fessor versity of Califori er Resource & H		
	hab » lajm » eid » eh eh ne	Analytical and nume Modeling groundwa Solute transport in v Rainfall-runoff	ter flow	filtration	

	CEE					
Faculty         CEE           Members         Curriculu	Course m Information	Deliverables	Careers in CEE			
Full Time Faculty Makram Suidan Mutasem EI-Fadel Salah Sadek Habib Basha George Ayoub Bilal Hamad Mohamad Harajii Isam Kaysi		essor Ion University, In ronmental	nperial College			
Mounir Mabsout Ghassan Chehab Shadi Najjar Majdi Abou Najm	<ul> <li>Water and wastewal</li> <li>Physico-chemical and processes</li> </ul>	•				
Maya Abou Xajm Maya Abou Zeid Ibrahim Alammedine Farook Hamzeh Elie Hantouche Hiam Khoury George Saad Darine Salam	<ul> <li>Industrial waste trea</li> <li>Low cost methods an wastewater treatment</li> </ul>	nd materials in wa	ter and			

CEE					
m	Course Information	Deliverables	Careers in CEE		
»	Univ Struct	ersity of Texas a ctures			
»					
	•				
»	Concrete technolog	ý			
	» » »	Course Information         Profe         Univ         Struct         > Design and behavio structures         > Bond and developm         > Repair and strength structures	Course Information       Deliverables         m       Course Information       Deliverables         Image: Second structures       Professor University of Texas a Structures         >       Design and behavior of reinforced cor structures         >       Design and behavior of reinforced cor structures         >       Bond and development of reinforcement         >       Repair and strengthening of reinforcement		

CEE					
Faculty Members	CEE Curriculum	Course Informatio	on	Deliverables	Careers in CEE
<u>Full Time Facu</u>	-				
Mutasem El-Fa Salah Sadek Habib Basha George Ayoub Bilal Hamad Mohamad Har		7	Univ	essor ersity of Michiga ctures	n, Ann Arbor
Isam Kaysi Mounir Mabso Ghassan Cheb Shadi Najjar		Design and be fiber reinforce loads	havio d con	r of reinforced, pre crete under static a	e-stressed, and and seismic
Majdi Abou Na Maya Abou Ze Ibrahim Alam Farook Hamze Elie Hantouch Hiam Khoury George Saad Darine Salam	id medine h	Repair and reh using advance	abilit; d com	ation of concrete s iposites.	tructures

CEE					
<u>Faculty</u> Members	CEE Curriculum	Course Information	Deliverables	Careers in CEE	
Full Time Fac Makram Suid Mutasem El-F Salah Sadek Habib Basha George Ayou Bilal Hamad Mohamad Ha Isam Kaysi Mounir Mabs Ghassan Che Shadi Najjar Majdi Abou M Maya Abou Z Ibrahim Alan Farook Hamz Elle Hantouch Hiam Khoury George Saad	an a	SPECIAL CONTRACTOR	husetts Institute ortation & Planni d port operations applications in tra transportation pla	ng nsport	

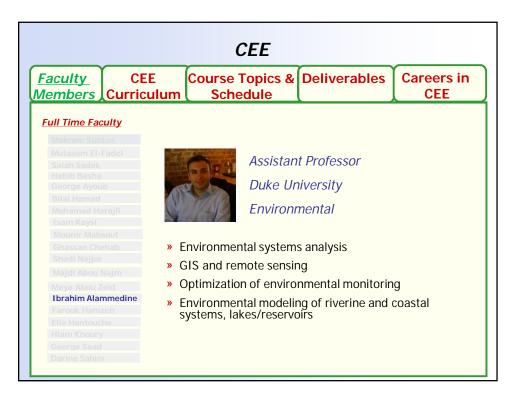


CEE					
<u>Faculty</u> Members	CEE Curriculum	Course Information	Deliverables	Careers in CEE	
Full Time Facu	-				
	rajli	North Ca	e Professor arolina State Uni s & Pavements	versity	
Ghassan Chei Shadi Najjar Majdi Abou Xe Tbrahim Alam Farook Hamze Elie Hantouch Hiam Khoury George Saad Darine Salam	ajm » P ajm » M id » N medine » M	avement engineering laterials of constructi londestructive testing lodeling of asphalt cc	on		

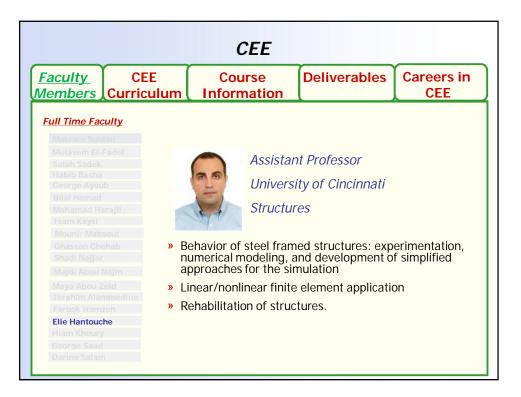
Faculty CE Aembers		Course Information	Deliverables	Careers in CEE
Full Time Faculty				
		Accistar	nt Professor	
		Assistan	11 FT0103301	
		Universi	ity of Texas at Au	ıstin
			ly or rondo at na	othr
		Geotech	nnical	
	100			
Shadi Najjar	» R	eliability based desig	in of foundations	
	» R	isk assessment		
	» O	ffshore foundation d	esian	
			0	
	» S	oil and site improven	nent	

F <u>aculty</u> CE <u>Members</u> Curric	- 1	Course Information	Deliverables	Careers in CEE
Full Time Faculty				
Makram Suidan				
		Assistar	nt Professor	
		Durley	( )	
		Puraue	University	
		Mator E	esources & Hydr	aulice
		Water N	esources & riyur	aunus
		NAL DUT.		
	» N	lulti-scale hydrologic	and geo-environm	ental
		rocesses	J	
Majdi Abou Najm	» V	adose zone processe	s and soil physics	
		•		
	» M	later resources and o	quality managemei	nt
	» O	ptimization and deci	sion support system	ns
	0			

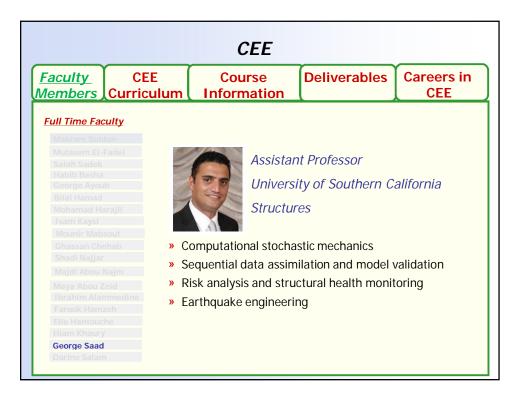




F <u>aculty</u> CE Tembers Curric	_	Course Information	Deliverables	Careers in CEE
Full Time Faculty Makram Suidan Mutasem El-Fadel Salah Sadek Habib Basha George Ayoub Bilai Hamad Mohamad Harajii Isam Kaysi Mounir Mabsout		Universi	t Professor ty of California, I ction Manageme	<u> </u>
	» P	roduction planning a	nd control	
		ean construction and uilding Information n		agement
Ibrahim Alammedine Farook Hamzeh Elie Hantouche Hiam Khoury George Saad	» Ta	arget value design ar	nd process simulat	ion

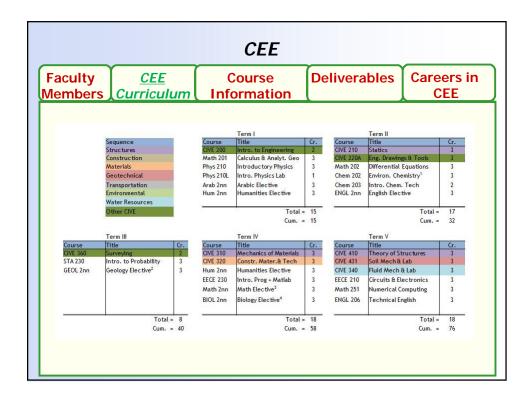


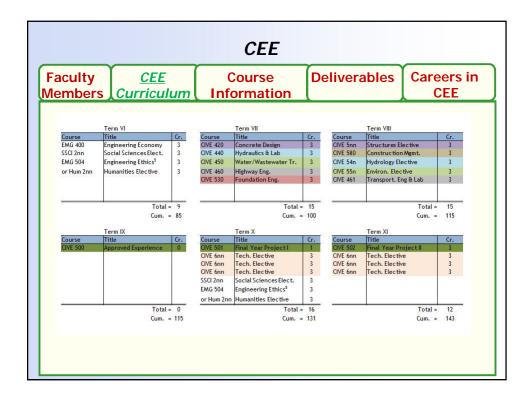




Faculty CE Aembers		Course Information	Deliverables	Careers in CEE		
Full Time Faculty						
		Assistant Profe	ssor			
		ASSISTANTI TOTE	3301			
		University of C	incinnati			
		Environmental				
	» E	nvironmental chemis	stry and microbiolo	ду		
	» B	iotechnology applica	tions to environme	ntal quality		
	e	iotechnology applica valuation, monitoring	and remediation	of		
	C	ontaminated sites	g, and i oniouration	01		
	» D	ioromodiation of all a	mille			
	»В	ioremediation of oil s	spills			
	» Toxicity testing					
		, ,				





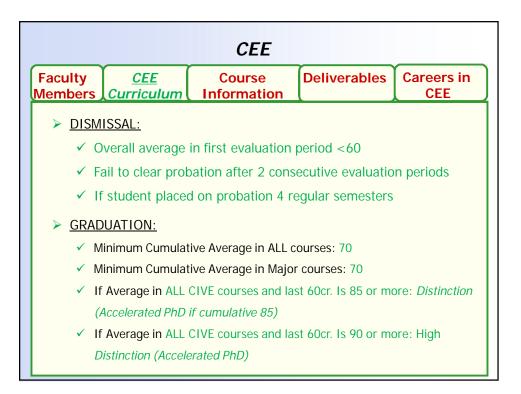


aculty ember	s Curriculum	Coui Inform			Delive	erable	es C	aree CE	
Yr Course	Title	Co-requisite	_	Dro rog 1	Pre-reg.2	Dro rog 2	Dra rag 4	Dro tog E	Dro rog
	Introduction to Engineering	CIVE Standing	1.	Fre-req. 1	rie-req.2	Fleffeq.5	rieieq.4	Fre-req. 5	Fre-req.
	Statics	Math 201							
	Engg Drawings and Tools	CIVE Standing	CIVE 200		-		-		
2 CIVE 360				CIVE 200	CIVE 210	CIVE 220A			
	Mechanics of Materials	Math 202		CIVE 200			Phys. 210	Phys 210	STAT 230
	Construction Materials & Technology	CIVE 310		CIVE 200			Chem 202		
	Fluid Mechanics and Laboratory	Math 202		CIVE 210		PHYS 210L			
2 CIVE 410	Theory of Structures			CIVE 310	CIVE 320				
2 CIVE 430	Engineering Geology			CIVE 200	CIVE 210	CIVE 220A			
2 CIVE 431	Soil Mechanics and Laboratory	Biol 2nn		CIVE 310					
3 CIVE 420	Concrete Design			CIVE 410	EECE 210	EECE 230	Math 2nn	MATH 251	-
3 CIVE 440	Hydraulics and Laboratory	3rd year		CIVE 340	ENGL 206	Math 2nn	MATH 251		
3 CIVE 450	Water & Wastewater Treatment & Lab			CIVE 340	CHEM 202	CHEM 203	Biol 2nn		
3 CIVE 460	Highway Engineering			CIVE 360	CIVE 410	EECE 210	EECE 230		
3 CIVE 461	Transportation Engineering & Laboratory	CIVE 460			ENGL 206				
4 CIVE 500	Approved Experience			CIVE 420	CIVE 431	CIVE 440	CIVE 461	ENGL 206	
4 CIVE 501	Final Year Project I	EMG 504		CIVE 500	ENMG 400				
4 CIVE 502	Final Year Project II			CIVE 501					_
	Foundation Engineering	CIVE 420		CIVE 431					
4 CIVE 54n	Hydrology Elective			CIVE 440	CIVE 450		Chem 203		
	Environ. Elective			CIVE 440	CIVE 450	Chem 202	Chem 203	Bio 2nn	
4 CIVE 580	Construction Management	ENMG 400		CIVE 420	CIVE 530				
4 CIVE 5nn	Structures Elective			CIVE 420					

CEE							
Faculty Members	<u>CEE</u> Curriculum	Course Information	Deliverables	Careers in CEE			
<ul> <li>Each Student has 1 Full-Time Faculty Advisor</li> <li>Any student can check his/her assigned advisor on the AUB-SIS</li> </ul>							
	For this initial advis advisor is back fror	ing phase you may be a n travel	assigned a "temp" a	dvisor until your			
> The r	ole of the Advis	sor is to assist you	with:				
	Registration						
	Course selection						
	End-of Semester ev	aluation					
	Any other academic	c issue					
Your Advisor is a valuable resource. Consult with him/her if you have any problem. He/She will direct you to where you could get the answers / help you need, or assist you directly.							
Appendix on FAQ (Frequently Asked Questions)							
> The L	Jltimate Respor	nsibility is YOURS					

CEE							
Faculty Members	<u>CEE</u> Curriculum	Course Information	Deliverables	Careers in CEE			
Faculty         CEE         Course         Deliverables         Careers in							

CEE								
Faculty Members	<u>CEE</u> Curriculum	Course Information	Deliverables	Careers in CEE				
Any evaluation period you fall below the target average (indicated earlier) you are placed on <i>PROBATION</i>								
		d with a "successfu period (>target av	•	n the				
Proba	ition should be	removed within tw	o regular semes	ters.				
> Dean's Honor List:								
<ul> <li>✓ Full time status (12 Credits or more)</li> <li>✓ Avg. in any evaluation Period &gt;85 or if &gt;80 and in top 10% of your class.</li> </ul>								



CEE								
Faculty Members	<u>CEE</u> Curriculum	Course Information	Deliverables	Careers in CEE				
Dual I	Majors, Mi	nors						
	Within FEA							
1	Throughout Al	JB						
	Ask about it!							
1	TAKE ADVANT	AGE!						

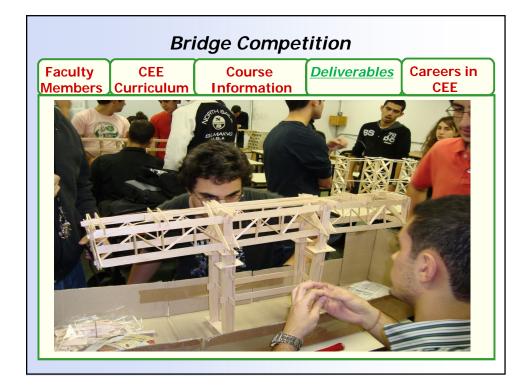
CEE							
Faculty Members	CEE Curriculum	<u>Course</u> Information	Deliverables	Careers in CEE			
<ul> <li>Lectures: Engineering Lecture Hall Thurs. 2:00-3:30PM</li> </ul>							
<ul> <li>Labs: Room 108 (<i>Or</i> Computer Labs <i>Or</i> ELH) Section 1 Mon. 3:30-7:00PM Section 2 Wed. 3:30-7:00PM</li> <li>Communication via moodle or email </li> </ul>							
> Coor							
Dr. Mutasem El Fadel							
m	342B Bechtel <u>mfadel@aub.edu.lb</u> Office Hours: Tuesday 2-3 PM or by Appointment						

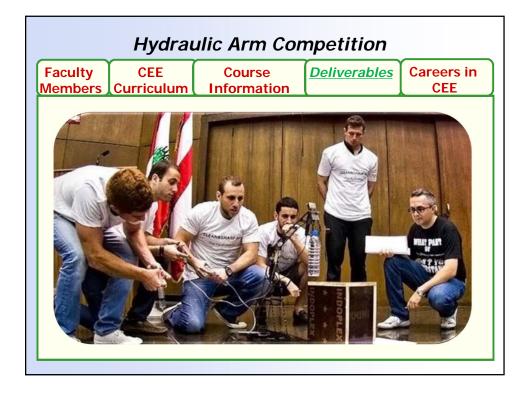
CEE							
Faculty Members	CEE Curriculum	<u>Course</u> Information	Deliverables	Careers in CEE			
Graduate Assistants							
<ul> <li>Dima Al Hassanieh- <u>dza01@mail.aub.edu</u></li> <li>Anwar El-Chami- <u>age08@mail.aub.edu</u></li> <li>Hussein Kassem- <u>hak35@mail.aub.edu</u></li> </ul>							
<ul> <li>Hussein Kassem- <u>nak35@mail.aub.edu</u></li> <li><u>UG Assistants</u></li> <li>Omar El Khatib</li> <li>Elias Haber</li> <li>Rayane Mrad</li> <li>Jad Sabra</li> </ul>							

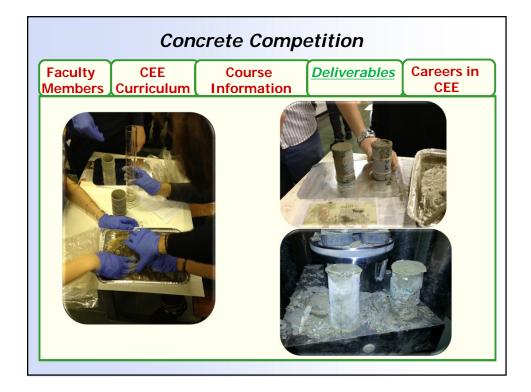
CEE							
Faculty Members	CEE Curriculum	<u>Course</u> Information	Deliverables	Careers in CEE			
Attendance (Mandatory) 10%							
Paper &	Presentat	20%					
Bridge	Bridge Competition			20%			
Hydraul	Hydraulic Competition						
Concrete Competition			15%				
Final Ex	am	20%					
L							

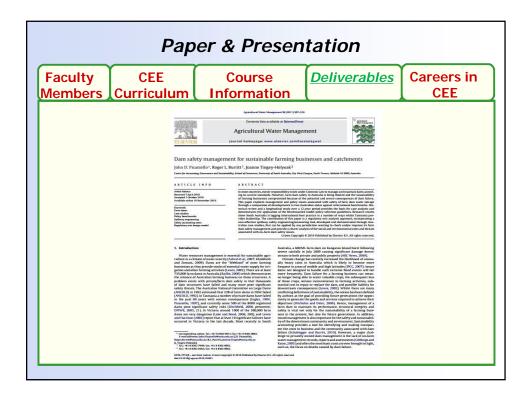
CEE							
Faculty Members	CEE Curriculum	<u>Course</u> Information	Deliverables	Careers in CEE			

Week	LAB Activities (MI/W)	Week	Holiday	Lecture (Th)	Deliverable
Sep 4	No Lab	Sep 5	-	Logistics	
Sep 9, 11	Lab visits	Sep 12	17.0	Overview of CEE	
Sep 16, 18	Library Resources	Sep 19	-	Structures	
Sep 23, 25	Bridge Game	Sep 26	2 <b>-</b> 27	Construction	1
Sep 30, Oct 2	Bridge Building Competition - 1	Oct 3	-	Water	
Oct 7, 9	Bridge Building Competition -2	Oct 10	3 <b>-</b> 3	Geotechnical	
Oct 16	No CLASS	Oct 17	AL ADHA	NO CLASS	
Oct 21, 23	BRIDGE COMPETITION-FINAL	Oct 24	-	Transportation	Bridge Test
Oct 28, 30	Hydraulic Competition - 1	Oct 31		Environmental	
Nov 6	Hydraulic Competition – 2 (Both sections)	Nov 7		Materials	
Nov 11	Hydraulic Competition - Final (Both Sections)	Nov 14	-	Instrumentation & Monitoring in CEE applications	Hydraulic Test
Nov 4/Nov 13	No Class		Hijra New Year /Ashoura Holiday		
Nov 18, 20	Concrete Competition -1	Nov 21		BIM / Revit	Paper Due
Nov 25, 27	Concrete Competition FINAL	Nov 28	-	Contemporary Challenge	Concrete Testing
Dec 2, 4	Presentations of Literature Projects	Dec 5	(e)	Engineering Ethics	Concrete Report+ Presentation









Faculty Members	CEE Curriculum	Course Information	Deliverables	Careers in CEE
CEE Movie				

