

CAE Department Future Course Schedule

						Fall 2017	Spring 2018	Fall 2018	Spring 2019	
DEPT GENERAL	ARE/CE	1000-01	VISTA Studio I	R		Zlatkovic		Staff		
	ARE/CE	1000-02	VISTA Studio I	R		Newman		Staff		
	CE	1010-01	Civil Engr Tools	R	1	Kobbe	Kobbe	Staff	Staff	
	CE	1010-02	Civil Engr Tools	R	2	S		Staff	Staff	
	ARE/CE	2000-01	VISTA Studio II	R	2	F	Barker		Staff	
	ARE/CE	2000-02	VISTA Studio II	R	2	F	Ng		Staff	
	CE	2070	Engr Surveying	R	1		Rehwaldt	Rehwaldt	Rehwaldt	Rehwaldt
	ARE/CE	3000-01	VISTA Studio III (starts 2017-18)	R	2	F	Brant		Staff	
	ARE/CE	3000-02	VISTA Studio III (starts 2017-18)	R	2	F	Ohara		Staff	
	ARE/CE	3210-01	Civil Engr Materials	R	1		Kobbe	Barker	Staff	Staff
	ARE/CE	3210-02	Civil Engr Materials				Kobbe		Staff	
	ARE/CE	3100	Civil & Arch Eng Practice				Discontinued	Discontinued	Discontinued	Discontinued
	CE	3900	Engr Economics	R	1			Discontinued	Discontinued	Discontinued
	CE	5710	Civil Engineering Seminar				Staff			Staff
	CM	5730	Civil Engineering Seminar							Staff
CM	2000	Intro Const Mgmt				Newman				

Capstone	CE	4900	CDE (all areas)	R	2	S		Barker		Staff
	CE	4010	Civil Engr Design (starts 2017-18)	R	2	S		Staff		Staff
	ARE	4720	Structural Sys Design Project	R	2	S		Judd		Staff
	ARE	4740	Mech Sys Design	R	2	S		Staff		Staff

ARCHITECTURE	8 GRAD STUDENTS	ARE	2410	Fund of Building Perf	R	2	S		Staff		Staff
		ARE/ART	3030	History of Architecture	R	2	F	Denzer		Denzer	
		ARE	1600	Architectural Design Studio I	R	1		Gardz.	Staff	Staff	Staff
		ARE	1600	Architectural Design Studio I	R	2	F			Staff	
		ARE	2600	Architectural Design Studio II	R	2	S		Staff		Staff
		ARE	3600	Architectural Design Studio III	R	2	F	Gardz.		Staff	
		ARE	4600	Architectural Design Studio IV	R	2	S		Staff		Staff
		ARE	5600	Collaborative BIM Design		3			Staff		

MECHANICAL	8 GRAD STUDENTS	ARE	3300	Bldg Elec & Plumbing Systems	R	2	S		Staff		Staff
		ARE/ME	3360	Transport Phenomena	R	2	S		ME Dept	ME Dept	ME Dept
		ARE/ME	3400	HVAC of Buildings	R	2	F	Wang		Staff	
		ARE	4330	Building Electrical Systems		3			Staff		
		ARE/ME	4430	HVAC Sys Analysis & Design		3		Wang			Staff
		ARE	4490	Model Energy Syst		3			Staff		
		ARE	4XXX	Building Energy Economics		3				Staff	
		ARE	4XXX	Building Science		3		Gardz.			
		ARE	5700	Arch Engr Problems		3			Staff		

STRUCTURES	10 GRAD STUDENTS	ARE/CE	3200	Structural Analysis I	R	2	S		Staff		Staff
		ARE/CE	4200	Structural Analysis II		2	F	Barker		Staff	
		ARE/CE	4250	Structural Steel Design		2	F	Judd		Staff	
		ARE/CE	4260	Structural Concrete Design		2	S		Kobbe		Staff
		ARE/CE	4265 5265	Prestressed Concrete Design		3				Staff	
		ARE/CE	4285 5285	Reinforced Masonry Design		3			Tanner		
		ARE/CE	4295 5295	Structural Timber Design		3		Judd			Staff
		CE	5010	Advanced Mechanics of Materials				Mukai			
		CE	5200	Advanced Structural Analysis							
		CE	5220	Structural Dynamics		3			Staff		
		CE	5255	Adv Steel Design		3					Staff
		CE	5270	Highway Bridge Engineering		3				Staff	
		CE	5280	Behavior of Reinforced Concrete		3					

ENVIRO	8 GRAD STUDENTS	CE	3400	Intro Environ Eng	R	2	F	Urynowicz		Brant	
		CE	4400	Design Water Trtmt Facilities		3			Brant		
		CE	4410	Dsgn Wastewater Trtmt		3		Brant			Brant
		CE	4430	Green Chem. & Global Env. Prob.		3			Urynowicz		
		CE	4440	Solid Waste Engr		3					Urynowicz
		CE/CHE	5410	Adv Biol Wastewater Trtmt		3					
		CE/ENVE	5435	Environmental Fate & Transport		3			Urynowicz		
		CE/ENVE	5445	Hazardous Waste Site Rem		3					Urynowicz
		CE/ENVE	5450	Adv Phys Chemical Trtmt		3				Brant	

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GEOTECH	8 GRAD STUDENTS	CE 3600	Soil Mechanics I	R	2	S		Griffiths		Ng	
		CE 4610 5610	Foundation Engr		3			Ng		Ng	
		CE 4620	Soil and Rock Slope Engr		2	S			Ng		
		CE 4630	Geotech Engr		3					Griffiths	
		CE 5640	Geotech Earthquake Engr		3				Griffiths		
		CE 5700-05	New Grad course (comp meth [matlab])						Griffiths		Griffiths
		CE 56XX	Kam new grad course ?								Ng

TRANSPORTATION	18 GRAD STUDENTS	CE 3500	Transportation Engr	R	2	S		Kladianous		Staff
		CE 4510 5510	Pavement Design		3			Ksaibati		Staff
		CE 4530 5530	Traffic Operations		3					Staff
		CE 4555 5555	Geometric Design		3					
		CE 5560	Traffic Safety		3			Ahmed		Staff
		CE 5570	Transportation Planning		3					
		CE 5590	Pavement Materials		3				Ksaibati	
		CE 5575	Intelligent Transportation Sys		3				Ahmed	Staff
		CE 5585	Pavement Management Sys		3					Staff
		CE 5700	Traffic Simulation		3			Zlatkovic	Zlatkovic	Staff

WATER	13 GRAD STUDENTS	CE 3300	Hydraulics Engr	R	2	S		Befus		Staff
		CE 4800	Hydrology		3			Zhu		Staff
		CE 4810 5810	Groundwater Hydrology		3					Zhu
		CE 4870 5870	Water Resources Engineering						Ohara	
		CE 5300	Open Channel Hydraulics		3					Ohara
		CE 5321	Eng & Env Geophysics		3					Parsekian
		CE 5700	Hydroinformatics		3				Cancelled	
		CE 5700	Remote Sensing		3					
		CE 5700	Groundwater contamination transport		3			Befus		Befus
		CE 5830	Porous Media		3					
		CE 5850	Adv Subsurface Hydrology		3			Zhu		
		CE 5865	Deterministic Hydrology		3			Cancelled		
		CE 5875	Probabilistic Hydrology		3				Ohara	
		CE 5880	Advanced Hydrology		3					Ohara
CE 5885	Hydrometeorology		4	F				Ogden		