

CAE Future Course Schedule  
2018-2020

Course				Fall 2018	Spring 2019	Fall 2019	Spring 2020
<b>DEPT GENERAL</b>	ARE/CE	1000-01	VISTA Studio I	Ohara		Brant	
	ARE/CE	1000-02	VISTA Studio I			Staff	
	CE	1010-01	Civil Engr Tools	Rehwaldt	Kobbe	Staff	Staff
	CE	1010-02	Civil Engr Tools		Rehwaldt		Staff
	ARE/CE	2000-01	VISTA Studio II	Barker		Ohara	
	ARE/CE	2000-02	VISTA Studio II	Ng		Staff	
	CE	2070	Engr Surveying	Rehwaldt	Rehwaldt	Rehwaldt	Rehwaldt
	ARE/CE	3000-01	VISTA Studio III	Urynowicz		Staff	
	ARE/CE	3000-02	VISTA Studio III	Newman		Staff	
	ARE/CE	3210-01	Civil Engr Materials	Tanner	Staff	Staff	Staff
	ARE/CE	3210-02	Civil Engr Materials	Staff		Staff	
	CM	3100	Construction Scheduling	Newman			
<b>Capstone</b>	CE	4900	CDE (all areas)		Barker		Staff
	CE	4010	Civil Engr Design		Mukai		Staff
	ARE	4720	Structural Sys Design Project		Staff		Staff
	ARE	4740	Mech Sys Design		Staff		Staff
<b>ARCHITECTURE</b>	ARE	2410	Fund of Building Perf		Staff		Staff
	ARE/ART	3030	History of Architecture	Denzer		Staff	
	ARE	1600-01	Architectural Design Studio I	Gardz.	Gardz.	Staff	Staff
	ARE	1600-02	Architectural Design Studio I	Staff - if needed		Staff	
	ARE	2600	Architectural Design Studio II		Denzer		Staff
	ARE	3600	Architectural Design Studio III	Gardz.		Staff	
	ARE	4600	Architectural Design Studio IV		Gardz.		Staff
	ARE	5600	Collaborative BIM Design				
<b>MECHANICAL</b>	ARE	3300	Bldg Elec & Plumbing Systems		Staff		Staff
	ARE/ME	3360	Transport Phenomena		ME Dept		ME Dept
	ARE/ME	3400	HVAC of Buildings	Wang		Staff	
	ARE	4330	Building Electrical Systems	Tan		Staff	
	ARE/ME	4430	HVAC Sys Analysis & Design		Staff		
	ARE	4490	Model Energy Syst			Staff	
	ARE	4XXX	Building Energy Economics				Staff

CAE Future Course Schedule  
2018-2020

Course			Fall 2018	Spring 2019	Fall 2019	Spring 2020	
<b>STRUCTURES</b>	ARE/CE	3200	Structural Analysis I		Barker		Staff
	ARE/CE	4200	Structural Analysis II	Barker		Staff	
	ARE/CE	4250	Structural Steel Design	Judd		Staff	
	ARE/CE	4260	Structural Concrete Design		Kobbe		Staff
	ARE/CE	4265	Prestressed Concrete Design	Mukai			Staff
		5265					
	ARE/CE	4285	Reinforced Masonry Design			Staff	
		5285					
	ARE/CE	4295	Structural Timber Design		Judd		
		5295					
CE	5220	Structural Dynamics	Tanner			Staff	
CE	5270	Highway Bridge Engineering				Staff	
CE	5290	Earthquake Engineering		Judd			

<b>ENVIRO</b>	CE	3400	Introduction to Environmental	Brant		Urynowicz	
			Design of Water Treatment			Brant	
	CE	4400	Facilities				
	CE	4410	Design of Wastewater Treatment		Brant		
	CE/CHE/ENR	4430	Green Chem. & Global Env. Prob.				Urynowicz
	CE/ENVE	4441	Solid Waste Engineering		Urynowicz		
	CE/CHE	54XX	Water Reuse			Brant	
	ENVE	5430	Environmental Chemistry	Urynowicz			
	CE/ENVE	5445	Hazardous Waste Site Remediation				Urynowicz
CE/ENVE	5450	Advanced Physical-Chemical Treatment	Brant			Brant	

<b>GEOTECH</b>	CE	3600	Soil Mechanics I		Griffiths		Griffiths	
	CE	4610	Foundation Engineering	Ng		? Ng	Sebatical	
		5610						
	CE	4620	Soil and Rock Slope Engineering		Ng		? Ng	Sebatical
		5660						
CE	4630	Ground Improvement, Reinforcement and Treatment	Griffiths	Griffiths				
	5630							
CE	5640	Geotechnical Earthquake Engineering			Griffiths			

CAE Future Course Schedule  
2018-2020

Course			Fall 2018	Spring 2019	Fall 2019	Spring 2020	
<b>TRANSPORTATION</b>	CE	3500	Transportation Engr		Ahmed		Zlatkovic
	CE	4510	Pavement Design		Ksaibati		
		5510					
	CE	4530	Traffic Operations			Ahmed	
		5530					
	CE	4555	Geometric Design	Ahmed			Ahmed
		5555					
	CE	5540	Traffic Control	Zlatkovic			
	CE	5560	Traffic Safety				
	CE	5570	Transportation Planning				
	CE	5575	Intelligent Transportation Sys				
	CE	5585	Pavement Management Sys	Ksaibati			Ksaibati
	CE	5590	Pavement Materials			Ksaibati	
CE	5700	Public Transportation			Zlatkovic		
CE	5700	Traffic Flow		Zlatkovic			

<b>WATER</b>	CE	3300	Hydraulic Engineering		Befus		Befus
	CE	4800	Hydrology	Zhu		Zhu	
	CE	4810	Groundwater Hydrology	Befus		Befus	
		5810					
	CE	4870	Water Resources Engineering		Ohara		Ohara
		5870					
	CE	5300	Open-Channel Hydraulics	Ohara			
	CE	5321	Engineering and Environment Geophysics		Parsekian		
	CE	5700	Groundwater contamination transport			Befus	
	CE	5850	Advanced Subsurface Hydrology			Zhu	
	CE	5880	Advanced Hydrology			Ohara	
CE	5885	Hydrometeorology	???				