

DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING

COURSE CURRICULUM

Class of 2019, 2020, and 2021

Name _____

Fall			Spring		
160:159	Gen Chem for Engrs	3	160:160	Gen Chem for Engrs	3
160:171	Intro to Experiment.	1	640:152	Calculus II: Math/Phys	4
355:101	Expository Writing I	3	750:124	Analytical Physics Ib	2
640:151	Calculus I: Math/Phys	4	440:127	Intro Comp for Engrs	3
750:123	Analytical Physics Ia	2	440:221	Eng'g Mech: Statics	3
440:100	Eng'g Orient Lecture	1	_____	Hum/Soc Elective	3
_____	Hum/Soc Elective	3		Total	18
	Total	17			
355:302	Scien. & Tech. Writing	3	220:102	MicroEconomics	3
640:251	Multivariable Calculus	4	640:244	Differential Equations	4
750:227	Analytical Physics Ila	3	180:216	Intro CADD	3
750:229	Analytical Phys Ila Lab	1	180:243	Mech of Solids	3
440:222	Eng'g Mech: Dynamics	3	_____	Hum/Soc Elective (300+)	3
_____	Hum/Soc Elective (300+)	3		Total	16
	Total	17			
960:379	Basic Prob & Statistics	3	180:320	Elem Structural Design	3
180:305	Construction Eng'g	3	180:345	Prop Materials Lab	1
180:318	Elem of Structures	3	180:364	Transportation Eng'g	3
180:387	Fluid Mechanics	3	180:372	Soil Mechanics	3
180:389	Fluid Mechanics Lab	1	180:374	Soil Mech Lab	1
635:407	Mech Prop Materials	3	540:343	Eng'g Economics	3
	Total	16		Total	14
180:411	Reinforced Concrete	3	180:482	Prof Issues in CE	1
180:421	Reinforced Concr't Lab	1	_____	*Design Project	4
180:429	Water&Waste Wtr Eng	3	_____	Departmental Elective	3
180:430	Transportation Plan'g	3	_____	Technical Elective*	3
180:473	Foundation Eng'g	3	_____	General Elective	3
_____	Science Elective	3		Total	14
	Total	16			

Total Credits: 128

*Departmental electives 407, 426, 431, and 438 will be offered each year to satisfy the design project requirement.

DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING

COURSE CURRICULUM

Effective with the Class of 2022

Name _____

Fall			Spring		
160:159	Gen Chem for Engrs	3	160:160	Gen Chem for Engrs	3
160:171	Intro to Experiment.	1	640:152	Calculus II: Math/Phys	4
355:101	Expository Writing I	3	750:124	Analytical Physics Ib	2
640:151	Calculus I: Math/Phys	4	440:127	Intro Comp for Engrs	3
750:123	Analytical Physics Ia	2	440:221	Eng'g Mech: Statics	3
440:100	Eng'g Orient Lecture	1	_____	Hum/Soc Elective	3
_____	Hum/Soc Elective	3		Total	18
	Total	17			
355:302	Scien. & Tech. Writing	3	640:244	Differential Equations	4
640:251	Multivariable Calculus	4	180:216	Intro CADD	3
750:227	Analytical Physics IIa	3	180:243	Mech of Solids	3
750:229	Analytical Phys IIa Lab	1	_____	Hum/Soc Elective (300+)	3
440:222	Eng'g Mech: Dynamics	3	_____	Science Elective	3
_____	Hum/Soc Elective (300+)	3		Total	16
	Total	17			
960:379	Basic Prob & Statistics	3	180:320	Elem Structural Design	3
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	Total	16		Total	14
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180:421	Reinforced Concr't Lab	1	_____	Design Project*	4
180:429	Water&Waste Wtr Eng	3	_____	Departmental Elective	3
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180:473	Foundation Eng'g	3	_____	General Elective	3
_____	Technical Elective	3		Total	14
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