

CIVIL ENGINEERING TECHNOLOGY (CET)

Surveying Option

Catalog Year 2006-2008

Name: _____

UIN#: _____

Freshman Year

MET 100	Engineering Graphics	3	_____	MET 230	Computer Aided Drafting (MET 100)	3	_____
_____N	Natural Science with Laboratory	4	_____	ENGN 111	Engineering & Tech. II (fresh)	2	_____
ENGL 110C	English Comp (placement)	3	_____	MATH 163	Pre-calculus II (MATH 162)	3	_____
MATH 162M	Pre-calculus (placement)	3	_____	PHYS 111N	General Physics I (MATH 162M)	4	_____
ENGN 110	Engineering & Tech. I (fresh)	2	_____	_____L	Gen. Ed. Literary Perspective*	3	_____
		15				15	

Sophomore Year

CET 200	Statics (pre or co-MATH 211)	3	_____	CET 220	Strength of Materials (CET 200)	3	_____
ENGL 131C	Tech Writing (ENGL 110C)	3	_____	CET 305	Prin. of Surveying (MATH 162, MET 100)	3	_____
_____S	Gen. Ed. Social Science Persp*	3	_____	CET 345	Mat. Testing Laboratory (pre or co-CET 220)	1	_____
PHYS 112N	General Physics II (PHYS111N)	4	_____	EET 305	Advanced Technical Analysis	4	_____
MATH 211	Calculus I (MATH 163)	4	_____	COMM 101R	Public Speaking	3	_____
		17		_____P	Gen. Ed. Philosophy Persp*	3	_____
						17	

Junior Year

CET 310	Fund. Of Build. Const.	3	_____	CET 340	Soils & Foundations (CET 220)	3	_____
CET 320	Adjustment Computations (EET 305)	3	_____	CET 341	Soils Testing & Inspection (pre or co-CET 340)	1	_____
CET _____	Geomatics elective	3	_____	CET 413	Elements of GIS (CET 305)	3	_____
MET 330	Fluid Mechanics (CET 200)	1	_____	CET _____	Geomatics elective	3	_____
MET 335	Fluid Mechanics Lab. (pre or co-MET 330)	3	_____	MET 310	Dynamics (CET 200)	3	_____
_____	Gen Ed. Cluster/Minor	3	_____	ENMA 302	Engineering Economics (junior)	3	_____
		16				16	

Senior Year

ENGN 401	FE Review (junior)	1	_____	CET 425	Land Design (CET 340 & CET 420)	3	_____
CET 420	Hydrology and Drainage (junior)	3	_____	CET 475W	Senior Design Project (by advisement)	3	_____
FIN 331	Legal Environmental of Business (junior)	3	_____	CET _____	Geomatics elective	3	_____
CET _____	Geomatics elective	3	_____	_____	Gen Ed. Cluster/Minor	3	_____
_____	Gen Ed. Cluster/Minor	3	_____	_____A	Gen Ed. Fine & Performing Arts Persp*	3	_____
_____H	Gen Ed. History Persp*	3	_____				
		16				15	

CET Surveying Electives

CET 313	Advanced Surveying (CET 305 & MET 230)
CET 314	Boundary Law (CET 305)
CET 318	Control / GPS Surveying (CET 313)
CET 416	Geodetic and Astronomical Surveying
CET 411	Photogrammetry
CET 422	Remote Sensing

*Students may be required to take Gen 101 in lieu or one of these perspective courses

Computer Requirements: Students must either own or have ready access to a computer with a high speed internet connection.

Foreign Language: Students must complete 6 hours of Foreign Language unless they meet one or more of the following:
 (a) completion of high school before December 1985, (b) completion of three years of one foreign language in high school, or (c) completion of two years each one of two foreign languages in high school.