

# Construction Science & Management Curriculum Fall 2021

## Freshman

First Semester			Cr Hrs
CNS	016	CNSM Seminar	0
CNS	100	CNSM Orientation	2
MATH	205	Gen Calc. & Linear Algebra	3
ECON	110	Principles of Macroeconomics	3
ENGL	100	Expository Writing I	3
		*Humanities or Soc Sci Elect	3
			14

Second Semester			Cr Hrs
CNS	016	CNSM Seminar	0
CNS	110	History of Building & Const.	3
CNS	220	Construction Materials	2
COMM	105	Public Speaking 1A	2
CE	212	Elementary Surveying Engg.	3
PHYS	113	General Physics I	4
			14

## Sophomore

Third Semester			Cr Hrs
CNS	016	CNSM Seminar	0
CNS	210	Graphic Communication I	1
CNS	200	Comp Apps in Engr/Const	2
CNS	231	Statics A	3
ACCTG	231	***Accounting for Bus Oper.	3
ENGL	200	Expository Writing II	3
PHYS	114	General Physics II	4
			16

Fourth Semester			Cr Hrs
CNS	016	CNSM Seminar	0
CNS	321	Graphic Communication II	3
CNS	330	Site Construction	3
CE	331	Strength of Materials	3
CE	332	Strength of Materials LAB	1
MANGT	420	Principles of Management	3
STAT	350	Business & Econ Statistics	3
			16

\* Humanities and Social Science (Humanity/Soc. Sci.) electives are to be selected from the official College of Engineering H/SS course list.

\*\* Accounting requires sophomore standing

# These courses in Business and Management require Junior Standing

Management and Professional Electives are to be selected from the current, approved Departmental lists.

## Junior

Fifth Semester			Cr Hrs
CNS	016	CNSM Seminar	0
ARE	310	Introduction to AutoCAD	1
ARE	312	Introduction to BIM	1
CNS	325	Construction Documents	3
CNS	524	Steel & Timber Const.	3
CNS	440	Const. Methods & Equipment	3
CNS	535	Electrical Serv. & Installation	3
CNS	550	Construction Safety	3
			16

Sixth Semester			Cr Hrs
CNS	016	CNSM Seminar	0
CNS	542	Ethics & Prof. Standards	1
CNS	641	Construction Estimating	3
CNS	642	Construction Management	3
CNS	645	Construction Scheduling	3
ENGL	417	Writ. Comm. For Workplace	3
MANGT	390	# Business Law I	3
			16

## Senior

Seventh Semester			Cr Hrs
CNS	016	Construction Seminar	0
CNS	510	Tech. Mgmt. of Const. Process	2
CNS	528	Concrete & Masonry Const.	3
CNS	534	Heating & Air Conditioning	3
CNS	536	Water Supply & Plumbing	3
CNS	643	Pre-Const. Serv/Design-build	3
CNS	646	Const. Financial Management	2
			16

Eighth Semester			Cr Hrs
CNS	016	Construction Seminar	0
CNS	660	Construction Operations	3
		Professional Elective	2
		Professional Elective	2
MANGT	530	Labor Rel. & Negotiations	3
		# Management Elective	3
		*Humanity/Soc. Sci. Elective	3
			16