

Name _____ I.D. No. _____

CONSTRUCTION MANAGEMENT

Curriculum Sheet/Mandatory Co-op

Effective for all students admitted to CMG program Fall 2025 and later

<u>Year 1</u>	<u>Fall Semester</u>	<u>Cr.</u>	<u>Grade</u>	<u>Spring Semester</u>	<u>Cr.</u>	<u>Grade</u>	<u>Summer Semester</u>	<u>Cr.</u>	<u>Grade</u>
ENG 101	English I (<i>FYV</i>)	3	_____	GEO 100	Intro Geology (<i>SI</i>)	3	_____	Work or school	
MTH 167	Precalculus Math I (<i>FQR</i>)	3	_____	GEO 101	Intro Geology Lab (<i>SIL</i>)	1	_____		
CMG 120	Intro to Construction Methods in the Built Environment	2	_____	PHY 221	College Physics 1 (with lab) (<i>SI</i>)	5	_____		
CMG 210	Construction Safety and Health Management	2	_____	ESC 102	Technical Writing (or ENG 201) (<i>RPW</i>)	3	_____		
IST 203	Spreadsheet Skills and Applications	3	_____	CVE 170	Engineering Graphics	2	_____		
INQ 170	Engineering Launch (<i>IL</i>) *	3	_____						

<u>Year 2</u>	<u>Fall Semester</u>	<u>Cr.</u>	<u>Grade</u>	<u>Spring Semester</u>	<u>Cr.</u>	<u>Grade</u>	<u>Summer Semester</u>	<u>Cr.</u>	<u>Grade</u>
MET 201	Statics for Engineering Technology	3	_____	MET 320	Mechanics of Materials	3	_____	ESC 400	Co-Op (mandatory)
ACT 221	Introductory Accounting I	3	_____	ACT 222	Introductory Accounting 2	3	_____	1	_____
CVE 211	Surveying	2	_____	ECN 201	Principles of Macroeconomics (<i>SHB</i>)	3	_____		
CVE 212	Surveying Lab	1	_____	BUS 201	Applied Business Statistics (<i>QFR</i>) (<i>DDL</i>)	3	_____		
GAD 250	Business Communications (WAC)	3	_____	ESC 130	Engineering & Computer Science Career Preparation	1	_____		
Core Curriculum - Diversity in Society (<i>DI</i>)		3	_____	CMG 220	Means and Methods for Mechanical and Electrical Building Systems	2	_____		

<u>Year 3</u>	<u>Fall Semester</u>	<u>Cr.</u>	<u>Grade</u>	<u>Spring Semester</u>	<u>Cr.</u>	<u>Grade</u>	<u>Summer Semester</u>	<u>Cr.</u>	<u>Grade</u>
CMG 360	Occupational Health Regulations in Construction	3	_____	ESC 400	Co-Op (mandatory)	1	_____	CMG 230	Construction Equipment Utilization and Maintenance
MGT 301	Principles of Management	3	_____				OSM 311	Introduction to Operations Management	3
Core Curriculum – Global Human Perspectives (<i>GHP</i>)		3	_____				Core Curriculum – African American History & Culture (<i>AAHC</i>)	3	_____
ECN 202	Principles of Microeconomics (<i>SHB</i>)	3	_____						
CMG 241	Construction Materials and Testing	3	_____						
CMG 242	Construction Materials & Testing Lab (WAC)	1	_____						

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<u>Year 4</u>	<u>Fall Semester</u>	<u>Cr.</u>	<u>Grade</u>	<u>Spring Semester</u>	<u>Cr.</u>	<u>Grade</u>	<u>Summer Semester</u>	<u>Cr.</u>	<u>Grade</u>
ESC 400 Co-Op (mandatory)		1	_____	CMG 320 Estimating Project Costs	3	_____	Work or school		
				MGT 321 Organizational Behavior	3	_____			
				FIN 351 Introduction to Financial Management	3	_____			
				MKT 301 Fundamentals of Marketing	3	_____			
				CMG 410 Ethics, Contracts and Project Delivery Systems	3	_____			

<u>Year 5</u>	<u>Fall Semester</u>	<u>Cr.</u>	<u>Grade</u>	<u>Spring Semester</u>	<u>Cr.</u>	<u>Grade</u>
CMG 330 Project Planning, Scheduling and Quality Control		3	_____	CMG Tech Elective 2 (must come from the means and methods group)	3	_____
CMG 420 Applied Sustainability		3	_____	CMG 490 Senior Construction Management Capstone Course	1	_____
CMG 430 Advanced Digital Applications		3	_____	MGT 340 Human Resource Management	3	_____
CMG Tech Elective 1 (must come from the means and methods group)		3	_____			
Core Curriculum – Human Culture & Creativity (HHC)		3	_____			

Minimum number of credits required for degree: 124

Please check Degree Audit in CampusNet for any curriculum discrepancies.

*ESC 120 is required in the following cases: (a) for students with an Associate of Science degree; (b) for transfer students with over 60 credits completed before transferring to CSU (those who have had co-op experience in engineering/computer science and/or 12 credits of engineering/computer science courses can petition to waive ESC 120); and (c) students who, as freshmen at CSU started in another major and completed an Inquiry Launch course different from INQ 170 or Honors students who take the Honors Inquiry Launch course.

The plan above is a suggested guide to ensure that all Core Curriculum, College, University, and Major requirements are met within 5 years of study. Students may deviate from the suggested placement of Core Curriculum courses, although the *FQR* and *FYV* requirements should be completed during the first year of study. General Electives ensure that a student accumulates the minimum credit hour totals needed for graduation. Students must have a minimum of 120 total credit hours, of which a minimum of 42 credit hours must be upper division (300 or 400-level courses).

Core Curriculum Key & Notes

IL = Inquiry Launch

FYV = Finding Your Voice

DS = Diverse Society

SHB = Society & Human Behavior

FQR = Formal & Quantitative Literacy

HCC = Human Culture and Creativity

GHP= Global Human Perspectives

AAHC = African American History and Culture

CAP = Capstone Requirement

RPW = Research & Professional Writing

SI = Scientific Inquiry

SIL = Scientific Investigations Lab

WAC = Writing Across the Curriculum Req

DDL= Data & Digital Literacy

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