

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 300/400 Fenn Co-op Educ Exper (mandatory)	1	_____
ACT 221 Introductory Accounting I	3	_____		ACT 222 Introductory Accounting 2	3	_____			
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- Complexities of Pluralistic Society (<i>CPS</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 300/400 Fenn Co-op Educ Experience (mandatory)	1	_____	CMG 230 Construction Equipment Utilization and Maintenance	2	_____
MGT 301 Principles of Management	3	_____					OSM 311 Introduction to Operations Management	3	_____
Core Curriculum – Global Human Perspectives (<i>GHP</i>)	3	_____					Core Curriculum – American Civic Literacy (<i>ACL</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 300/400 Fenn Co-op Educ Experience (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.

* INQ 170 is required for all engineering, technology, and computer science majors, and meets the Core Curriculum requirement for Inquiry Launch. ESC 120 is required in place of INQ 170 in the following cases: (a) transfer students; however, those who have had co-op experience in engineering/computer science and/or have transferred 12 credits of engineering/computer science courses can petition to waive ESC 120; (b) students who, as freshmen at CSU, started in another major and completed an Inquiry Launch course different from INQ 170; (c) Honors students who take the Honors Inquiry Launch course. Neither INQ 170 nor ESC 120 is required for transfer students with an Associates of Applied Science degree.

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

CPS = Complexities of Pluralistic Society

SHB = Society & Human Behavior

FQR = Formal & Quantitative Literacy

HCC = Human Culture and Creativity

GHP = Global Human Perspectives

ACL = American Civic Literacy

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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