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\_\_\_\_\_ I.D. No.\_\_\_\_\_

## CONSTRUCTION MANAGEMENT Curriculum Sheet/Mandatory Co-op Effective for all students admitted to CMG program Fall 2025 and later

Year 1 Fall Semester	<u>Cr.</u>	<u>Grade</u>	Spring Semester	<u>Cr.</u>	Grade	Summer Semester	<u>Cr.</u> Grade
ENG 101 English I (FYV)	3		GEO 100 Intro Geology <i>(SI)</i>	3		Work or school	
MTH 167 Precalculus Math I <i>(FQF</i>	8) 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	<sup>1</sup> 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 (IL)	* 3						
Year 2 Fall Semester	<u>Cr.</u>	<u>Grade</u>	Spring Semester	<u>Cr.</u>	<u>Grade</u>	Summer Semester	<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 (QFR) (DDL)	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			
Year 3 Fall Semester	<u>Cr.</u>	<u>Grade</u>	Spring Semester	<u>Cr.</u>	<u>Grade</u>	Summer Semester	<u>Cr.</u> Grade
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 – African American History & Culture <i>(AAHC)</i>	3
ECN 202 Principles of Microeconomics <i>(SHB)</i> CMG 241 Construction	3 3						
Materials and Testing CMG 242 Construction Materials & Testing Lab (WAC)	1						

<u>Year 4 Fall Semester</u> ESC 300/400 Fenn Co-op Educ Experience (mandatory)	<u>Cr.</u> 1	<u>Grade</u>	Spring Semester CMG 320 Estimating Project Costs MGT 321 Organizational Behavior FIN 351 Introduction to Financial Management MKT 301 Fundamentals of Marketing CMG 410 Ethics, Contracts and Project	3	<u>Grade</u> 	<u>Summer Semester</u> Work or school	<u>Cr. Grade</u>
Year 5 Fall Semester	Cr.	Grade	Delivery Systems	Cr.	<u>Grade</u>		
CMG 330 Project Planning, Scheduling and Quality Control	3		CMGTech 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 <i>(HHC)</i>	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	HCC = Human Culture and Creativity	SI = Scientific Inquiry
FYV = Finding Your Voice	GHP= Global Human Perspectives	SIL = Scientific Investigations Lab
DS = Diverse Society	AAHC = African American History and Culture	WAC = Writing Across the Curriculum Req
SHB = Society & Human Behavior	CAP = Capstone Requirement	DDL= Data & Digital Literacy
FQR = Formal & Quantitative Literacy	RPW = Research & Professional Writing	

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Revised 2/27/2025