

**Construction Management, B.S. (120 Units)**

Valid for Catalog Years: 2018/2019 to 2019/2020

\*Official planning guide approved by the Lyles College of Engineering

For assistance or to schedule an advising appointment, please contact the **Department of Construction Management** at 559-278-6056, Engineering East 192  
**Lyle College of Engineering Advising Center:** 559-278-1076, Engineering East 383

Units	Freshman		Sophomore		Junior		Senior	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
<b>Units</b>	<b>14</b>	<b>17-19</b>	<b>16-17</b>	<b>15</b>	<b>17</b>	<b>15</b>	<b>13</b>	<b>13-14</b>
<b>Milestones</b>	<b>CM 1S</b>	<b>CM 4</b>	<b>CM 7S, MATH 75</b>	<b>CM20, MATH 76, PHYS 4A</b>	<b>CE 20, CM 110, CM 116, CM 122, "W" COURSE</b>	<b>CE 121, CE 121L, CM 170, MGT 104</b>	<b>CM 180AS, CM 193</b>	<b>CM 180B</b>
<b>General Education</b>	<b>A1 (3 Units)</b> Oral Communication *Must pass with a C or better	<b>B2 (3-4 Units)</b> Life Sciences	<b>C2 (3-4 Units)</b> Humanities					<b>IC (3-4 Units)</b> Arts & Humanities
	<b>A2 (3 Units)</b> Written Communication *Must pass with a C or better	<b>C1 (3-4 Units)</b> Arts	<b>D1 (3 Units)</b> American History					
	<b>A3 (3 Units)</b> Critical Thinking *Must pass with a C or better B2 (3-4 Units)		<b>D2 (3 Units)</b> American Government					
<b>Major</b>	<b>GE Area B4 MATH 75 (4 Units)</b> Quantitative Reasoning [Pre-Req: Pre-Req: Elementary geometry, intermediate algebra, & trigonometry OR precalculus. Passing score on department's Calculus Readiness Test; ELM]	<b>GE Area B1 PHYS 4A (3 Units)</b> Physical Sciences [Pre-Req: GE B4; MATH 76 (may be taken concurrently)]	<b>CM 7S (3 Units)</b> [Pre-Req: CM 4]	<b>GE Area D3 ECON 40 or 50 (3 Units)</b> Social Science	<b>BA 105W or ENGR 105W (3 Units)</b> *UDWS requirement; must pass with a C or better; see course catalog for prerequisite requirements	<b>MI BA 104 (3 Units)</b> Multicultural/International [Pre-Req: Pre-Req: GE Foundation & Breadth Area D]	<b>CM 127 (3 Units)</b> [Pre-Req: Upper-level standing]	<b>GE Area IB CM 180B (3 Units)</b> Physical Universe & Its Life Forms [Pre-Req: CM 180AS]

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	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	14	17-19	16-17	15	17	15	13	13-14
Major	<b>CM 1 (1 Unit)</b>	<b>GE Area B3 PHYS 4AL (1 Unit)</b> Lab [Pre-Req: Corequisite: PHYS 4A]	<b>EES 1 (4 Units)</b> [Pre-Req: MATH 4R or second-year high school algebra recommended] <b>OR</b> <b>CHEM 3A (4 Units)</b> [Pre-Req: GE B4 (may be taken concurrently)] *No credit for CHEM 3A after CHEM 1A	<b>ACCT 4A (3 Units)</b> *Not open to Freshmen	<b>CM 110 (3 Units)</b> [Pre-Req: CM 20]	<b>CM 116 (3 Units)</b> [Pre-Req: CM 110]	<b>CM 170 (3 Units)</b> [Pre-Req: CM 116]	<b>CM 181 (1 Unit)</b> [Pre-Req: Senior standing]
		<b>CM 18 (3 Units)</b> [Pre-Req: Corequisite: CM 1S]		<b>CE 20 (3 Units)</b> [Pre-Req: MATH 76; PHYS 4A]	<b>CE 121 (3 Units)</b> [Pre-Req: CE 20]	<b>CM 122 (3 Units)</b> [Pre-Req: CM 20]	<b>CM 180AS (1 Unit)</b> [Pre-Req: CM 116; Senior standing]	<b>Business Elective (3 Units)</b> *See footnotes
		<b>MATH 76 (4 Units)</b> [Pre-Req: Pre-Req: MATH 75 or MATH 75A & B]		<b>CM 20 (3 Units)</b> [Pre-Req: Corequisite: CM 7S]	<b>CE 121L (1 Unit)</b> [Pre-Req: CE 121 (may be taken concurrently)]	<b>MGT 104 (3 Units)</b> [Pre-Req: BA 105W or ENGL 160W (may be taken concurrently)]	<b>Business Elective (3 Units)</b> *See footnotes	<b>Sector Electives (3 Units)</b> <b>CM 134, 150, 151, or 166</b> *See course catalog for prerequisite requirements
				<b>GME 15 (2 Units)</b> [Pre-Req: MATH 5]	<b>CM 140 (3 Units)</b> [Pre-Req: CM 7S, 20]	<b>Construction Technology (3 Units)</b> <b>CM 131 or 191T</b> *See course catalog for prerequisite requirements	<b>Construction Methods (3 Units)</b> <b>CM 132, CM 144, or CE 130</b> *See course catalog for prerequisite requirements	

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<b>Major</b>				<b>GME 15L (1 Unit)</b> [Pre-Req: GME 15 (may be taken concurrently)]	<b>CM 193 (1 Unit)</b> [Pre-Req: Junior standing; instructor permission]			
					<b>DS 73 (3 Units)</b> [Pre-Req: ELM exam, DS 71; ECON 40 & 50 recommended] *Not open to freshmen			

**FOOTNOTES:**

**Prerequisites/Corequisites:** Other restrictions may apply. Please see your course catalog for detailed prerequisite/corequisite requirements.

**Grade Requirements:** Courses in mathematics and the physical sciences taken CR/NC are not counted toward fulfillment of degree requirements in Construction Management. Students must attain a "C" in 6 of the 11 courses: MATH 75, MATH 76, PHYS 4A, PHYS 4AL, CM 1S, CM 4, CM 7S, CM 20, CE 20, GME 15, and GME 15L, with no course to be repeated more than twice

**Business Electives (6 units):** Select two courses from the following: upper-division business administration courses, CM 124, or courses approved by the academic advisor.

**Upper Division Writing Skills requirement (UDWS):** Construction Management majors must select either BA 105W or ENGR 105W. The Upper-Division Writing Exam is not an option for Construction Management majors.

**Substitutions:** If substitutions/exceptions/waivers are made for any major courses that also meet GE and/or the Multicultural/International graduation requirement, the student is responsible for completing additional courses to satisfy the respective areas (GE and/or MI). This also includes the upperdivision writing requirement.

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	Fall 14	Spring 17-19	Fall 16-17	Spring 15	Fall 17	Spring 15	Fall 13	Spring 13-14
<b>Milestones</b>	CM 1S	CM 4	CM 7S, MATH 75	CM20, MATH 76, PHYS 4A	CE 20, CM 110, CM 116, CM 122, "W" COURSE	CE 121, CE 121L, CM 170, MGT 104	CM 180AS, CM 193	CM 180B
<b>General Education</b>	<b>A1 (3 Units)</b> Oral Communication *Must pass with a C or better	<b>B2 (3-4 Units)</b> Life Sciences	<b>C2 (3-4 Units)</b> Humanities					<b>IC (3-4 Units)</b> Arts & Humanities
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<b>Major</b>	<b>GE Area B4 MATH 75 (4 Units)</b> Quantitative Reasoning [Pre-Req: Pre-Req: Elementary geometry, intermediate algebra, & trigonometry OR precalculus. Passing score on department's Calculus Readiness Test; ELM]	<b>GE Area B1 PHYS 4A (3 Units)</b> Physical Sciences [Pre-Req: GE B4; MATH 76 (may be taken concurrently)]	<b>CM 7S (3 Units)</b> [Pre-Req: CM 4]	<b>GE Area D3 ECON 40 or 50 (3 Units)</b> Social Science	<b>BA 105W or ENGR 105W (3 Units)</b> *UDWS requirement; must pass with a C or better; see course catalog for prerequisite requirements	<b>GE Area MI BA 104 (3 Units)</b> Multicultural/ International [Pre-Req: Pre-Req: GE Foundation & Breadth Area D]	<b>CM 127 (3 Units)</b> [Pre-Req: Upper-level standing]	<b>GE Area IB CM 180B (3 Units)</b> Physical Universe & Its Life Forms [Pre-Req: CM 180AS]

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