



Pitt State

Construction Management (Building Information Modeling),
Bachelor of Science in Technology

Name: _____
ID: _____

Catalog 2024-25

This academic degree map is a term-by-term course schedule designed for you to graduate in four years. The sample schedule below serves as a general guideline to building a full-time schedule for each term. Earning a degree requires that you complete (1) the required General Education courses, (2) the course requirements of your major and (3) any requirements PSU has designated for a Bachelor degree. Courses and special notes are specified to keep you on track to graduate in four years. Where open elective is listed, it means that you may take a course of your choosing, perhaps a course in an area outside of your major, but be sure to discuss this with your advisor.

This map is not a substitute for academic advisement – contact your advisor if you have any questions throughout the term and as you begin planning for the next. The University Catalog is also available as a resource with a complete list of requirements for all degrees offered at PSU.

Recommended 4-years to graduation plan

Code	Semester 1 - FRESHMAN YEAR	Credit	NOTES
CMCET 133	Construction Graphics	3	
CMCET 234	The Construction Industry	3	
MATH 113	College Algebra (SGE) ⁰³⁰	3	
ENGL 101	English Composition (SGE) ⁰¹⁰	3	C or better
UGS 150	Gorilla Gateway (SGE) ⁰⁷⁰	2	
TOTAL CREDIT HOURS		14	

Code	Semester 2 - FRESHMAN YEAR	Credit	NOTES
CMCET 235	Methods: Light Frame & Finishes	2	
EST 296	Intro to Construction Safety	3	
100+	Open Elective	3	
HHP 150	Lifetime Fitness (or EXSCI 200) (SGE) ⁰⁷⁰ Suggested	1	
Bucket 060	Arts & Humanities (SGE) ⁰⁶⁰	3	
PSYCH 155	General Psychology (SGE) ⁰⁶⁰ Suggested	3	
TOTAL CREDIT HOURS		15	

	Semester 3 - SOPHOMORE YEAR	Credit	
CMCET 330 or 331	HVAC or Electrical Systems	3	
CMCET 334 or 335	Sitework/Steel or Concrete/Masonry	3	
CMCET 337 or 350	Materials Testing/Inspection or Mech Systems (Plumb)	2	
PHYS 171 and PHYS 172	Physical Science & Lab (SGE) ⁰⁴⁰ Suggested	4	
ENGL 299	Intro to Research Writing (SGE) ⁰¹⁰	3	C or better
TOTAL CREDIT HOURS		15	

	Semester 4 - SOPHOMORE YEAR	Credit	
CMCET 340	BIM/VDC	3	
CMCET 330 or 331	HVAC or Electrical Systems	3	
CMCET 334 or 335	Sitework/Steel or Concrete/Masonry	3	
CMCET 337 or 350	Materials Testing/Inspection or Mech Systems (Plumb)	2	
COMM 207	Speech Communication (SGE) ⁰²⁰	3	
TOTAL CREDIT HOURS		14	

	Semester 5 - JUNIOR YEAR	Credit	
CMCET 640	BIM/VDC Management	3	
100+	Construction Elective	3	
CMCET 410 or 434	Tech Spanish or Civil Construction	3	
CMCET 333 or 537	Construction Statics & Structures or Const Surveying	3	
CMCET 530 or 631	Const Cost Mgmt or Const Estimating 1	3	
TOTAL CREDIT HOURS		15	

	Semester 6 - JUNIOR YEAR	Credit	
CMCET 410 or 434	Tech Spanish or Civil Construction	3	
CMCET 333 or 537	Construction Statics & Structures or Const Surveying	3	
CMCET 530 or 631	Const Cost Mgmt or Const Estimating 1	3	
EST 496	Construction Safety	2	
EST 497	Construction Safety Lab	1	
Bucket 060	Arts & Humanities (SGE) ⁰⁶⁰	3	
TOTAL CREDIT HOURS		15	

	Semester 7 - SENIOR YEAR	Credit	
CMCET 795	Special Topics in CMCET - Laser Scanning (or sub)	3	
CMCET 634 or 635	Const Mgmt or Contract Admin	3	
CMCET 639	Construction Estimating II	3	
Bucket 070	Institutionally Designated (SGE) ⁰⁷⁰	3	
CMCET 606	Const Supervision & Leadership	3	
TOTAL CREDIT HOURS		15	

	Semester 8 - SENIOR YEAR	Credit	
CMCET 634 or 635	Const Mgmt or Contract Admin	3	
CMCET 691	Senior Project	4	
100+	Construction Elective	3	
ENGL 301	Technical Writing	3	
Bucket 050	Social & Behavioral Sciences (SGE) ⁰⁵⁰	3	
TOTAL CREDIT HOURS		16	

	Semester 9 - SENIOR YEAR	Credit	
CMCET 200	Const Intern/Cooperative Ed (or CMCET 300 or CMCET 400)	1-6	
TOTAL CREDIT HOURS		1-6	

CMCET 200: Construction Internship/Cooperative Education
CMCET 200 typically completed over the summer

Writing to Learn: Typically one from general education and one in major coursework.

Systemwide General Education (SGE) Key

- 010 English
- 020 Communications
- 030 Math & Statistics
- 040 Natural & Physical Sciences
- 050 Social & Behavioral Sciences
- 060 Arts & Humanities
- 070 Institutionally Designated