Construction Management Technician (31-455-1)

Technical Diploma
Effective 2024/2025

The course sequence shown on this sheet is the recommended path to completion. Courses will be scheduled in the terms indicated here.
All courses should be taken in the order shown to help you stay on track and graduate according to your academic plan.
Courses in this program may be offered in a variety or combination of formats (for example: in-person, video conferencing, online, etc.).

I-D = iMET Center/days, I-E = iMET Center/evenings, E-D = Elkhorn/days, E-E = Elkhorn/evenings, F=Fall, S=Spring, SU=Summer

Term	Course #	Cr.	Course Title	Requisites (prereq- before/ coreq-with)	I-D	I-E	E-D	E-E
1	890-155	1	⊙Gateway to Success (G2S)		F+	F+	F	F
1	*607-104	3	🎓Building Material & Construction Method[2]		F	F	F	F
1	*607-136	2	Construction Project Management[2]		F	F	F	F
1	*607-141	2	Construction Basics[2]		F	F	F	F
1	*607-170	2	AutoCAD for Construction Sciences[2,3]		F	F	F	F
1	804-135	3	🎓Quantitative Reasoning[1,3]	Prereq: 834-109	F+	F+	F	F
2	*607-102	2	Conflict Resolution in CET[2,3]		S+	S+	S	S
2	*607-128	3	Construction Estimating[2]	Coreq: 801-136; 804-135 OR 804-115	S	S	S	S
2	*607-129	2	Future Trends Civil/Archi Tech[2]	Prereq: 607-104; 607-141	S	S	S	S
2	*614-102	2	Capstone: Construction Project Management 2[2]	Prereq: 607-136	S	S	S	S
2	801-136	3	English Composition 1[1,3]	Prereq: 831-103 OR 851-757	S+	S+	S	S
3	809-195	3	Economics[1,3]	Prereq: 838-105 OR 851-757	SU+	SU+	SU	SU
3	*607-169	2	Surveying Basics[2]		SU	SU	SU	SU
3	*607-187	2	3D CAD: Dig Terrain Model[2]		SU	SU	SU	SU
3	*614-150	2	3D CAD: Building Information Modeling[2]		SU	SU	SU	SU

Minimum Program Total Credits Required: 34

Students interested in continuing into the 10-614-6 Architectural-Structural Engineering Technician program can earn their associate degree by completing an additional 31 credits. Please see your academic advisor for details.

Notes associated with courses (identified by a superscript number at the end of the course title) are located on the back of the sheet.
⊙Mastery of this course will put students on a path to achieve successful degree completion, on-time graduation, and enrich the college experience. Students are required to take this course in their first semester of enrollment. Please see an advisor for details.
🎓 = Milestone Course. Faculty have identified this course as providing a strong foundation for success throughout the program.
(*) indicates students must achieve a combined average of 2.0 ("C") or above for these major courses to meet graduation requirements.
(+) indicates students may take these courses at any one of the three main campuses; Kenosha, Racine, Elkhorn or Racine.

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The Construction Management Technician diploma prepares learners to assist construction project managers and senior staff with the scheduling, supervision and coordination of construction tasks or trade workers. Learners will gain skills in reading specifications and blueprints to determine construction requirements or to plan procedures, inspect work progress, equipment, or construction sites to ensure that specifications are met.

Program Learning Outcomes

Graduates will be able to:
1. Develop construction schedules.
2. Evaluate building materials.
3. Analyze risk in a construction project.
4. Explore building modeling and construction related software.

Essential Career Competencies

Gateway's six essential career competencies are the general attitudes and skills promoted and assessed by all programs. All Gateway graduates will develop skills in:

- Communication Competence
- Critical Thinking and Problem Solving
- Professionalism and Career Management
- Teamwork and Collaboration
- Cultural Competence
- Technology Competence

Admission Requirements

1. Students must submit an application and pay $30 fee.
2. Students must meet one of the following: minimum cumulative high school GPA of 2.6 (unweighted); earned at least 12 college credits with a minimum GPA of 2.0; or complete valid reading, writing, and math placement assessments.

Graduation Requirements

1. Minimum 34 credits with a cumulative GPA of 2.0 or above in all courses.
2. *Average of 2.0 ("C") or above for these major courses.
3. Complete 890-155 Gateway to Success (G2S) in the first semester.

For a complete list of Graduation Requirements, check the Student Handbook or Graduation Requirements.

Notes

1. Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details.
2. Classes offered at Elkhorn Campus via NODAL delivery. See www.gtc.edu for details.
3. A credit for prior learning assessment is available for this course. For more information, please contact cfpl@gtc.edu.
4. Safety glasses may be required in various classes after the first semester. If prescription safety glasses are required, please allow sufficient time to obtain your glasses prior to the start of the 2nd semester.