



**Part-Time Pathway to Success**

School of Manufacturing, Engineering, and Information Technology

**Construction Management Technician (31-455-1)**

Technical Diploma

**Effective 2021/2022**

*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.*

**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	*607-141	2	Construction Basics <sup>2,4</sup>		F	F	F	F
1	*607-104	3	🎓 Building Material & Construction Method <sup>2</sup>		F	F	F	F
2	*607-170	2	AutoCAD for Construction Sciences <sup>2,4</sup>		S	S	S	S
2	804-135	3	🎓 Quantitative Reasoning <sup>1</sup>	Prereq: 834-109	S+	S+	S	S
2	809-195	3	Economics <sup>1</sup>	Prereq: 838-105 OR 831-107	S+	S+	S	S
3	*614-150	2	3D CAD: Building Information Modeling <sup>2</sup>		SU	SU	SU	SU
3	*607-187	2	3D CAD: Dig Terrain Model <sup>2</sup>		SU	SU	SU	SU
3	801-136	3	English Composition 1 <sup>1,4</sup>	Prereq: 831-103 OR 831-107	SU+	SU+	SU	SU
4	*607-102	2	Conflict Resolution in CET <sup>2</sup>		F	F	F	F
4	*607-136	2	Construction Project Management <sup>2,4</sup>		F	F	F	F
4	*607-169	2	Surveying Basics <sup>2</sup>		F	F	F	F
5	*614-102	2	Capstone: Construction Project Management <sup>2</sup>	Prereq: 607-136	S	S	S	S
5	*607-128	3	Construction Estimating <sup>2</sup>	Prereq: 804-135; Coreq: 801-136	S	S	S	S
5	*607-129	2	Future Trends Civil/Archi Tech <sup>2</sup>	Prereq: 607-104; 607-141; 607-169	S	S	S	S

**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, or Elkhorn.

### **Construction Management Technician (31-455-1)**

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
- Professionalism and Career Management
- Cultural Competence
- Critical Thinking and Problem Solving
- Teamwork and Collaboration
- 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 an average 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. A satisfactory placement test score (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](http://www.gtc.edu) for details.
3. Transfer credits in Social Science may substitute for this course. See an advisor for details.
4. A credit for prior learning assessment is available for this course. For more information, please contact [cfpl@gtc.edu](mailto:cfpl@gtc.edu).
5. 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 2<sup>nd</sup> semester.

Gateway Technical College reserves the right to modify curriculum requirements for students who interrupt enrollment for a period of two years or take over seven years to complete. Tuition and material fees are determined by the board of the Wisconsin Technical College System. Consult My Gateway for exact fee amounts. Occasionally, the District may offer a particular course out of published sequence. By doing so, the District does not obligate itself to offer succeeding courses out of published sequence.