



**Full-Time Pathway to Success**

School of Manufacturing, Engineering, and Information Technology

**Building Trades - Carpentry (31-475-1)**

Technical Diploma

**Effective 2022/2023**

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.).

**K-D = Kenosha/days, F=Fall, S=Spring, SU=Summer**

Term	Course #	Cr.	Course Title	Requisites (prereq- before/ coreq-with)	K-D
1	890-155	1	Gateway to Success (G2S)		F
1	*475-300	3	Building Construction, Intro		F
1	*475-302	2	Residential Print Reading		F
1	*475-303	3	Framing Techniques 1		F
1	804-370	2	Mathematics I / Applied <sup>2</sup>	Prereq: 854-760	F
2	*475-308	3	Fundamentals of Wood Construction		S
2	*475-309	3	Fundamentals of Concrete Construction	Coreq: 475-308	S
2	*475-304	1	Commercial Print Reading	Prereq: 475-302; Coreq: 801-301	S
2	*475-305	3	Framing Techniques 2	Prereq: 475-303; Coreq: 804-370	S
2	801-301	1	Writing Principles	Prereq: 851-760	S
2	801-302	1	Speaking Principles		S
3	*475-306	3	Exterior Trim	Prereq: 475-308 OR 475-301; 475-302	SU
3	*475-310	3	Interior Finish Trim	Prereq: 475-308; 475-302	SU
3	*475-311	3	Interior Coverings	Coreq: 475-310	SU

**Minimum Program Total Credits Required: 32**

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.

## **Building Trades - Carpentry (31-475-1)**

The *Building Trades - Carpentry* program provides the student with the knowledge and skills necessary for job success in the industry. Fundamentals of industry materials, building design, and layout operation are taught in the classroom. The use of hand and power tools is developed in the shop. Construction techniques are developed in the shop. Related mathematics, blueprint reading and welding are included in the training.

### **Program Learning Outcomes**

Graduates will be able to:

1. Use hand and power tools and equipment.
2. Apply industry recognized safety practices and procedures.
3. Analyze sustainable building practices.
4. Interpret construction drawings.
5. Interpret building codes.
6. Demonstrate industry building practices and material application.

### **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 32 credits with an average of 2.0 or above.
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. Students will be required to purchase a variety of personal safety items that will be utilized throughout the program.
2. Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details.

Gateway Technical College reserves the right to modify curriculum requirements for students who interrupt enrollment for one year 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.