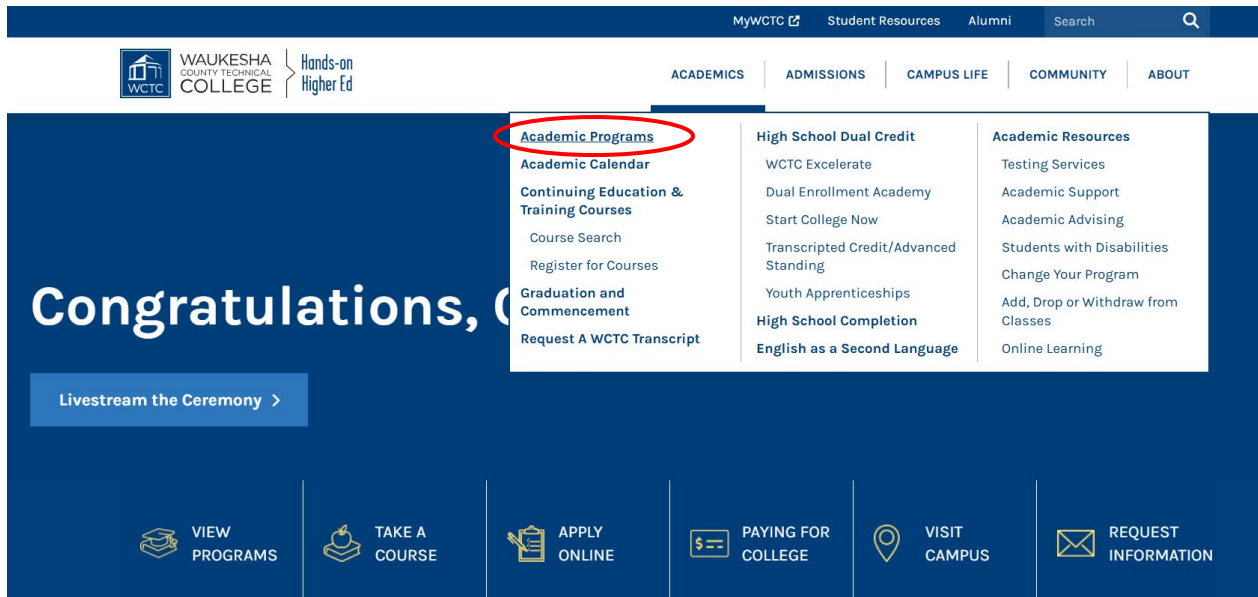


How to Begin

Regardless of whether you are looking to explore a class or two or get a jump start on a WCTC program by way of the Excelerate option, a good way to pick is to first identify a WCTC program that aligns with your interests.

Go to www.wctc.edu.

Explore programs by hovering over **Academics** and clicking on **Academic Programs**.



Programs are organized by career cluster.

+ ARCHITECTURE AND CONSTRUCTION	+ BUSINESS, MANAGEMENT AND FINANCE
+ EDUCATION AND HUMAN SERVICES	+ GRAPHIC COMMUNICATIONS
+ HEALTH	+ HOSPITALITY, CULINARY AND DESIGN
+ INFORMATION TECHNOLOGY	+ LIBERAL ARTS AND GENERAL STUDIES
+ MANUFACTURING	+ PROTECTIVE SERVICES
+ SCIENCE, TECHNOLOGY, ENGINEERING AND MATH (STEM)	+ TRANSPORTATION

Maximize each cluster to see all related programs and click on potential programs of interest to learn more.

+ ARCHITECTURE AND CONSTRUCTION	+ BUSINESS, MANAGEMENT AND FINANCE
+ EDUCATION AND HUMAN SERVICES	+ GRAPHIC COMMUNICATIONS
+ HEALTH	+ HOSPITALITY, CULINARY AND DESIGN
+ INFORMATION TECHNOLOGY	+ LIBERAL ARTS AND GENERAL STUDIES
- MANUFACTURING	+ PROTECTIVE SERVICES

Associate Degrees

- [Automation Systems Technology \(Robotics\)](#)
- [Metal Fabrication/Welding - Advanced](#)
- [Technical Studies - Journeyworker](#)

Technical Diplomas

- [CNC Setup Technician](#)
- [Industrial Maintenance Technician](#)
- [Machine Tool Operation](#)
- [Metal Fabrication/Welding](#)
- [Tool and Die Making](#)
- [Welding Technician](#)

Once you have found a program that interests you, scroll down on the program page of interest and click on the **Program Courses** box to see all courses required for the program.



Once on the Program Courses page, click on either a **full-time or part-time plan** to view the courses in a suggested sequence. Taking courses in this order helps alleviate prerequisite issues. First semester courses are usually what would be considered “beginner” courses and are less likely to have prerequisites that you may not be able to meet.

Overview	Learning Outcomes	Required Courses	Full-time Plan
First Year			
FALL TERM 1			CREDITS
442-151	Gas Metal Arc Welding 1		2
457-110	Blueprint Reading - Fab		2
804-107	College Mathematics		3
Credits			7
FALL TERM 2			
422-103	Metals Technology/Fabricators		1
442-152	Gas Metal Arc Welding 2		2
457-161	Intro to Metal Fabrication		2
Credits			5

Click on the coinciding **course number** for the course you are interested in and then click on **See sections of this course** to see options for the semester you are looking to take it.

442-151. Gas Metal Arc Welding 1. (2 Credits)
 Learn Gas Metal Arc welding principles and techniques, including metal preparation processes, equipment setup and welding techniques related to different joints and welding positions. Explore safe practices and AWS D1.1, AWS D1.3 standards.
 Prerequisites: 457-110 (may be taken concurrently) with a minimum grade of C
[See sections of this course](#)

Fabrication/Welding - Advanced

Learning Outcomes
Required Courses
Full-time Plan

			CREDITS
442-151	Gas Metal Arc Welding 1		2
457-110	Blueprint Reading - Fab		2
804-107	College Mathematics		3
Credits			7
FALL TERM 2			
422-103	Metals Technology/Fabricators		1
442-152	Gas Metal Arc Welding 2		2
457-161	Intro to Metal Fabrication		2
Credits			5
WINTER INTERIM			
890-108	Employment Success		1

2025-2026 Catalog [Archived Catalogs](#)

PRINT OPTIONS

Search catalog

WCTC Quick Links

- [Variety of Academic Programs](#)
- [Academic Programs](#)
- [Accounting](#)
- [Accounting Assistant](#)
- [Accounting in Health Care](#)
- [Advanced EMT](#)
- [AI Data Specialist](#)
- [AI Technician](#)
- [Architectural Drafting / Construction Technology](#)
- [Autism for Educators](#)
- [Automation - Control and Interface](#)
- [Automation - Industrial PLCs](#)

https://catalog.wctc.edu/search/?P=442-151

If options populate, the course is running during your desired semester. Here you can see schedule details, including term, date range, days of the week, time of day, delivery method (online, Zoom, or in-person), room number (if in person), and seat availability.

Gas Metal Arc Welding 1

Course Description

Learn Gas Metal Arc welding principles and techniques, including metal preparation processes, equipment setup and welding techniques related to different joints and welding positions. Explore safe practices and AWS D1.1, AWS D1.3 standards.

2 courses found

COURSE	CRN	SEATS OPEN	TERM	CR	DATES	DAYS	TIMES	ROOM	DELIVERY
442-151-003 Gas Metal Arc Welding 1	20636	9	Spring Term 1	2	01/21/25-03/13/25	T Th	12:30pm-04:20pm	I136	In Person
					01/21/25-03/13/25	T Th	12:30pm-04:20pm	I138	In Person
442-151-002 Gas Metal Arc Welding 1	20635	6	Spring Term 1	2	01/22/25-03/12/25	M W	05:30pm-09:20pm	I136	In Person
					01/22/25-03/12/25	M W	05:30pm-09:20pm	I138	In Person

Click on a **section** to view course description, schedule details, and prerequisites (if any). The example below shows that to take 442-151 Gas Metal Arc Welding 1, students must ***EITHER*** have successfully completed 457-110 Blueprint Reading – Fab OR 420-130 Industrial Blueprint Reading 1 with a C or better ***OR*** be concurrently enroll in one of them. Feel free to contact the Early College Opportunities department at eco@wctc.edu if you would like help interpreting prerequisites.

442-151-003: Gas Metal Arc Welding 1

CRN: 20636

Estimated Cost: \$462.40
Instructor: Luebke, Michael C

Course Description

Learn Gas Metal Arc welding principles and techniques, including metal preparation processes, equipment setup and welding techniques related to different joints and welding positions. Explore safe practices and AWS D1.1, AWS D1.3 standards.

Schedule Information

Dates: 01/21/25-03/13/25
 Days: Tuesday Thursday
 Times: 12:30pm-04:20pm
 Room: I138

plus

Dates: 01/21/25-03/13/25
 Days: Tuesday Thursday
 Times: 12:30pm-04:20pm
 Room: I136

Prerequisite(s)

Course Number/Test	Course Title/Test Name	Minimum Grade/Score	Concurrency*
457-110	BLUEPRINT READING - FAB	C	Yes
Or 420-130	INDUSTRIAL BLUEPRINT READING 1C		Yes

Restricted Courses

If a course has a plus sign after the title, it is restricted to students who have been admitted into the program (not just exploring courses). Program-admitted high school students are considered Excelerate students and can enroll in the courses as long as they can meet any course prerequisites that might apply.

Facial Treatments 1

Course Description

Explore the theory and practical skills of facials. Study basic facial anatomy, histology and physiology. Learn about proper treatment room setup using infection control procedures. Perform beginning skin analysis and consultation skills. Apply the proper skincare products while performing basic facials with massage.

1 courses found

COURSE	CRN	SEATS OPEN	TERM	CR	DATES	DAYS	TIMES	ROOM	DELIVERY
502-100-001 Facial Treatments 1+	20668	WL	Spring Term 1	2	01/21/25-03/11/25	T	09:00am-11:50am	S119	Hybrid Course

Additional Information

If you are considering using the **Excelerate option** to get a jump-start on a WCTC program, you can find a lot of additional information on each program page, including:

Program Overview – a brief description of the program and what you will learn.

PROGRAM INFORMATION

Degree Type
60-credit Associate of Applied Science Degree

Program Code
10-457-2

Time to Degree
2 years

Start Date
August / January

How You'll Learn

On Campus

PROGRAM OVERVIEW

Metal fabrication manipulates metal from one form to another for a particular purpose, while welding fuses parts together. In this program, develop advanced skills involving the intricate planning and preparing a part for cutting, fabrication and welding, and produce parts by employing new techniques and using a variety of materials.

APPLICATION DEADLINES

PROGRAM COST

Application Deadlines – here you can see when students can start the program (fall, spring, or both), and application deadlines for each applicable semester.

PROGRAM INFORMATION

Degree Type
60-credit Associate of Applied Science Degree

Program Code
10-457-2

Time to Degree
2 years

Start Date
August / January

How You'll Learn

On Campus

PROGRAM OVERVIEW

APPLICATION DEADLINES

Deadlines To Know*

Fall 2025 Start

- Application Opens: September 1, 2024
- Application Deadline: August 4, 2025

Spring 2025 Start

- Application Opens: April 1, 2024
- Application Deadline: January 10, 2025

Summer 2025 Start

- This program cannot be started in summer.

* Submit all checklist items by the application deadline. Apply early; deadlines are subject to change based on program demand.

PROGRAM COST

Program Cost – this provides more detail on cost, including non-textbook required materials.

<p>PROGRAM INFORMATION</p> <p>Degree Type 60-credit Associate of Applied Science Degree</p> <p>Program Code 10-457-2</p> <p>Time to Degree 2 years</p> <p>Start Date August / January</p>		<p>How You'll Learn</p> <p>On Campus</p>	<p>PROGRAM OVERVIEW</p>	<p>APPLICATION DEADLINES</p>	<p>PROGRAM COST</p> <p>Tuition Costs</p> <p>The cost of your degree depends on a number of factors, including where you live, how your program is delivered, how long it takes to finish your program and the financial aid you receive. Explore current tuition and fees.</p> <p>Additional Estimated Costs</p> <ul style="list-style-type: none"> • Access to any computer or tablet • Metal Fab Tool Kit: \$279 • Safety equipment (shoes/glasses): \$100 • Welding protective attire: \$400
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Additional information, found under **Program Details**, includes:

Potential Careers

<p>Program Details</p>			
+	CONTACT US	+	CAREER SALARIES
-	POTENTIAL CAREERS	+	FINANCIAL AID
<p>This advanced program is great for those who have basic manufacturing skills in the areas of welding and metal fabrication, have knowledge of metallurgy, possess solid math skills and enjoy working on intricate and detailed projects.</p> <ul style="list-style-type: none"> • Fabricator • Laser Operator • Assembler • Welder/Press Operator • Welder 			

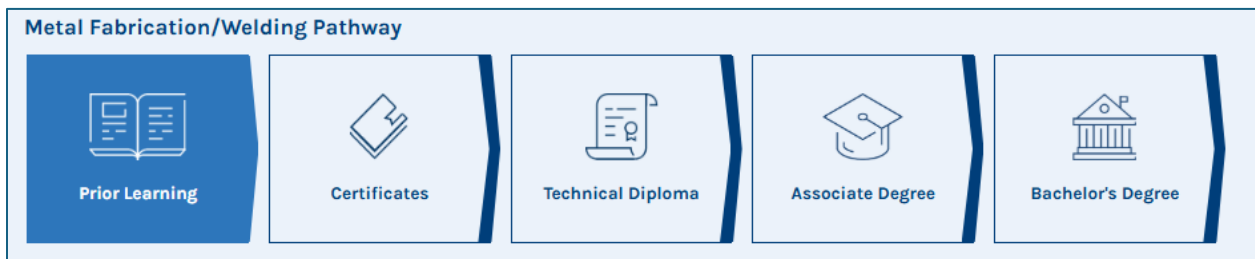
High School Student Eligibility

<p>Program Details</p>			
+	CONTACT US	+	CAREER SALARIES
+	POTENTIAL CAREERS	+	FINANCIAL AID
-	HIGH SCHOOL ELIGIBILITY		
<p>This program is open to qualified high school applicants. Learn more ></p>			

Career Salaries

Program Details	
+ CONTACT US	CAREER SALARIES \$39,000 - \$56,800 annually <i>Salary range estimates based on wages for related occupations in Waukesha County as reported by Lightcast. Individual wages may vary based on experience, industry, location and specific job requirements. Find our graduates' entry wages in the most recent Graduate Success Report.</i>
+ POTENTIAL CAREERS	
+ HIGH SCHOOL ELIGIBILITY	

Potential Program Pathways - Earn certificates, technical diplomas, and/or industry credentials along this pathway. Start with some courses for entry-level employment and continue with additional courses for higher wages and job advancement.



Potential Transfer Opportunities - WCTC has credit transfer agreements with many four-year institutions that allow our degree graduates to transfer credits into a baccalaureate program, often at junior-level standing.

Transfer Opportunities After WCTC

WCTC has credit transfer agreements with many four-year institutions that allow our degree graduates to transfer credits into a baccalaureate program, often at junior-level standing.

[Explore Transfer Agreements >](#)

Still Unsure of Which Courses to List on Your Start College Now App?

Contact Early College Opportunities at eco@wctc.edu or [schedule a consultation online](#) with your Dual Credit Specialist. Appointments are available in person, virtually or by phone.