

This map provides a guide to completing a certificate program or an associate degree. Completion is subject to pre-requisite requirements and availability of the program/courses by location.

TERM 1		CREDITS	MILESTONE	SGE	COMPLETED
WELD 1348	Introduction to Welding	1	✓		<input type="checkbox"/>
WELD 1349	Gas Tungsten Arc Welding	3			<input type="checkbox"/>
WELD 1350	Shielded Metal Arc Welding	3			<input type="checkbox"/>
WELD 1351	Gas Metal Arc Welding	3			<input type="checkbox"/>
WELD 1352	Cutting Processes	3			<input type="checkbox"/>
WELD 1353	Blueprint Reading-Welding	3			<input type="checkbox"/>
WELD 1354	Welding Safety/OSHA 10	1			<input type="checkbox"/>
					<input type="checkbox"/>
TOTAL CREDITS		17			

TERM 2		CREDITS	MILESTONE	SGE	COMPLETED
WELD 1361	Gas Metal Arc Welding II*	3			<input type="checkbox"/>
WELD 1362	Shielded Metal Arc Welding II*	3			<input type="checkbox"/>
WELD 1359	Gas Tungsten Arc Welding II*	3			<input type="checkbox"/>
MATH 1806	Technical Mathematics*	3			<input type="checkbox"/>
BUSI 1800	Business Communications	3			<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
TOTAL CREDITS		15			



Milestone Courses should be taken in the term shown. This will help you stay on track and graduate on time.



Make your summer matter. Summer is a great time to take some courses and get ahead or stay on track.



After successful completion of this certificate, students will be eligible to sit for the following industry certification: Welding 1F and/or Welding 1G and /or Welding 2F through AWS and/or OSHA 10.

Systemwide General Education (SGE) Key

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

sge.bartonccc.edu

General Advising Notes

- * Subject to placement or pre-requisite requirements.
- Welding classes are taught in an accelerated format. Students will attend class Monday through Thursday 8:00 am to 12:00 pm and 1:30 to 3:00 pm.
- General education courses can either be taken face to face or via Barton Online.

Student Name _____ ID# _____

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Non-discrimination Notice: Barton Community College is an equal opportunity provider and employer. Visit equal.bartonccc.edu for more information.

Review Date: 09/24, Effective Date: 08/24, KBOR Aligned Program

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TERM 3		CREDITS	MILESTONE	SGE	COMPLETED
BSTC 1036	Computer Concepts & Applications	3		070	<input type="checkbox"/>
COMM 1200 or COMM 1230	Interpersonal Communications or Public Speaking	3		020	<input type="checkbox"/>
	Suggested Emphasis Electives	9			<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
TOTAL CREDITS		15			

TERM 4		CREDITS	MILESTONE	SGE	COMPLETED
CHEM 1802	Fundamentals of General Chemistry*	5		040	<input type="checkbox"/>
PHED 1246	First Aid & Emergency Care	3		070	<input type="checkbox"/>
	Suggested Emphasis Electives	9			<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
TOTAL CREDITS		17			

Suggested Emphasis Electives

- WELD 1160 Welding Internship*
 - AGRI 1214 Commercial Driver's License- BTW
 - AGRI 1217 Commercial Driver's License-Theory
 - BUSI 1600 Introduction to Business
 - ECON 1615 Personal Finance
 - ACCT 1602 General Accounting
 - OSHA 1913 Introduction to OSHA General Industry Standards
 - OSHA 1924 Introduction to OSHA Construction Industry Standards
 - HZMT 1919 Hazardous Waste Operations and Emergency Response (HAZWOPER)
 - CRFT 1001 Introductory Craft Skills
 - CRFT 1002 Construction Basics*
 - PLMB 1001 Plumbing Safety*
 - PLMB 1020 Introduction to Plumbing*
 - PLMB 1030 Plumbing Fixtures & Fittings*
 - PLMB 1010 Plumbing Systems*
 - PLMB 1040 Commercial Drawing*
 - CRPT 1003 Carpentry I*
 - CRPT 1004 Concrete*
 - CRPT 1005 Carpentry II*
 - CRPT 1006 Siding and Roofing Systems*
 - NATG 1110 Foundations of Natural Gas
 - NATG 1135 Basic Corrosion Field Technician
 - NATG 1170 Gas Measurement & Controls
 - NATG 1190 Natural Gas Transmission
 - NATG 1200 Natural Gas Distribution
 - NATG 1125 Electrical Device & Controls I*
 - NATG 1100 DC Circuit Fundamentals or WGHT 1104 DC Circuit Fundamentals*
 - NATG 1105 AC Circuit Fundamentals or WGHT 1105 AC Circuit Fundamentals*
- See full list of courses in [courses.bartonccc.edu](https://www.bartonccc.edu/courses)

Advising Notes

* Subject to pre-requisite requirements
prereq.bartonccc.edu

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