

# Welding Technology • Marketing/Management Option

## Semester Course Outline • 2024 – 2025

18 Months (4 Semesters) • Revised: 1/24/24

Associate of Applied Science (A.A.S.) Degree • Credits Required for Graduation: 69



### First Year – Fall Semester

Course Number	Course Title	Clock Hours	Credits
WLD 105	Oxyacetylene Safety	28	1
WLD 110	Proper Use of the Cutting Torch	14	.5
WLD 111	Shop Orientation Maintenance and Safety	28	1
WLD 113	Shielded Metal Arc Welding I	42	1.5
WLD 114	Ferrous Metallurgy	14	.5
WLD 115	Shielded Metal Arc Welding II	105	3.75
WLD 120	Metal Fabrication	28	1
WLD 123	Blueprint Reading	28	1
WLD 161	Gas Tungsten Arc Welding	84	3
AED 100	Automated External Defibrillator	14	.5
CSC 102	Windows Application for Technicians	45	3
Total		430	16.75

### First Year – Spring Semester

Course Number	Course Title	Clock Hours	Credits
WLD 140	Flux-Cored Arc Welding	28	1
WLD 141	Gas Metal Arc Welding A	42	1.5
WLD 143	Gas Metal Arc Welding B	84	3
WLD 145	Gas Metal Arch Welding C	84	3
WLD 147	Gas Metal Arch Welding D	119	4.25
WLD 151	Shop Math	56	2
• Selected Communications Course (Choose one) CMST 101 – Foundations of Communication * (CSS 100 – Career Search Strategies .5 credit) COMM 101 – Communications and Career Strategies ENGL 101 – Composition * (CSS 100 – Career Search Strategies .5 credit)		45	3
Total		458	17.75



**Second Year – Fall Semester**

Course Number	Course Title	Clock Hours	Credits
BUS 101	Introduction to Business	45	3
BUS 122	Business Relationships	84	3
BUS 170	Human Resource Management	45	3
ACCT 210	Principles of Accounting I	45	3
ECON 201	Principles of Microeconomics I *	45	3
<b>Total</b>		264	15

**Second Year – Spring Semester**

Course Number	Course Title	Clock Hours	Credits
BUS 120	Principles of Marketing	45	3
BUS 160	Principles of Selling	45	3
BUS 162	Retailing	45	3
PSYC 100	Psychology of Human Relations	45	3
<ul style="list-style-type: none"> <li>Selected Mathematics Course (Choose one)</li> <li>MATH 100 – Applied General Math</li> <li>MATH 101 – Intermediate Algebra</li> <li>MATH 114 – College Algebra *</li> </ul>		45	3
<b>Total</b>		225	15

**Elective Course:** With the instructor's approval, SCT 100 – Solar Car Team may be substituted for up to 6 credits of course work or taken as an additional elective.

All elective and/or additional courses not listed on your current program outline must be approved by your adviser and appropriately identified on the current program semester outline of any Business Associate Option or Financial Services Option.

- Students will select a course in each of the areas listed to meet general education requirements. Courses marked with an asterisk (\*) can be transferred directly to the university system and may be substituted for recommended courses on the outline. Students should speak with an advisor before doing so.

Students who select to take transferable communications course CMST 101 or ENGL 101, must also register for CSS 100 – Career Search Strategies for .5 credit. This curriculum is required for all Lake Area Tech graduates and is included in the COMM 101 course but is separate from the university system.