

Alamance Community College

2021 Calendar Year

Welding Technology • Semester by Semester

First Year

Fall 1st Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
WLD-110	Cutting Processes	4	2
WLD-111	Oxy-Fuel Welding	4	2
WLD-112	Basic Welding Processes	4	2
WLD-115	SMAW (Stick) Plate	11	5
WLD-143	Welding Metallurgy	3	2
	Semester Total	26	13

First Year

Spring 2nd Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
WLD-116	SMAW (stick) Plate/Pipe	10	4
WLD-121	GMAW (MIG) FCAW/Plate	8	4
WLD-131	GTAW (TIG) Plate	8	4
WLD-141	Symbols and Specifications	4	3
	Semester Total	30	15

First Year

Summer 3rd Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
MEC-111	Machine Processes I	5	3
WLD-151	Fabrication I	8	4
	Semester Total	13	7

Second Year

Fall 4th Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
ENG-115	Oral Communication	3	3
PHY-110	Conceptual Physics	3	3
PHY-110A	Conceptual Physics Lab	2	1
WLD-212	Inert Gas Welding	4	2
WLD-251	Fabrication II	7	3
	Humanities/Fine Arts Elective	3	3
	Semester Total	22	15

Second Year

Spring 5th Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
WLD-132	GTAW (TIG) Plate/Pipe	7	3
WLD-215AB	SMAW (stick) Pipe	7	3
	Social/Behavioral Science Elective	3	3
	Semester Total	17	9

Second Year

Summer 6th Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
CIS-111	Basic PC Literacy	3	2
WLD-215BB	SMAW (stick) Pipe	3	1
WLD-261	Certification Practices	4	2
	Semester Total	10	5

	TOTAL CREDITS	64
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