

FALFURRIAS HS

**A.A.S in Welding, CBC Certificate Options: Marketable Skill Achievement Award, Fundamentals Level I of Welding in SMAW, FCAW, GMAW, GTAW and Level II of Welding
Industry Certification: NCCER (National Center for Construction Education and Research)**

HS GRADE LEVEL	Course Rubric Title	PEIMS	HS COURSE	COLLEGE CREDITS	CERTIFICATE OPTIONS
8TH GRADE SUMMER BRIGDE	EDUC- 1300 LEARNING FRAME WORKS	03270100	COLLEGE READINESS AND STUDY SKILLS	3/CR	
9 TH FALL	DEMR 1301 SHOP SAFETY AND PROCEDURES	13032300	WELDING I	3/CR	
9 TH FALL	DFTG 1305 TECHNICAL DRAFTING	13032500	PRECISION METAL MANUFACTURING I	3/CR	
9 TH FALL	BCIS 1305 BUSINESS COMPUTER APPLICATIONS	13011400	BUSINESS INFORMATION MGNT I (BIMS I)	3/CR	
9 TH SPRING	WLDG 1307 INTRODUCTION TO WELDING USING MULTIPLE PROCESSES	13032400	WELDING II	3/CR	
9 TH SPRING	WLDG 1428 INTRODUCTION TO SHIELDED METAL ARC WELDING (SMAW) PREREQUISITS WLDG 1307	13032600	PRECISION METAL MANUFACTURING II	4/CR	MSAA & LEVEL I IN SMAW
9 TH SPRING	ARTS 1301 ART APPRECIATION	03500100	ART	3/CR	
10 TH FALL	WLDG 1430 INTRODUCTION TO GAS METAL ARCH WELDING (GMAW)	13032250	INTRODUCTION TO WELDING	4/CR	MSAA & LEVEL I GMAW
10 TH FALL	WLDG 1417 INTRODUCTION TO LAYOUT & FABRICATION	13032700	METAL FABRICATION AND MACHINING I	4/CR	
10 TH SPRING	WLDG 1412 INTRODUCTION TO FLUX CORED ARC WELDING (FCAW)	13032650	DIVERSIFIED MANUFACTURING I	4/CR	MSAA & LEVEL I FCAW
10 TH SPRING	WLDG 1435 INTRODUCTION TO PIPE WELDING PREREQUISITE WLDG 1428	13032660	DIVERSIFIED MANUFACTURING I	4/CR	

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11 TH FALL	WLDG 1434 INTRODUCTION TO GAS TUNGSTEN ARC WELDING (GTAW)	13032800	METAL FABRICATION AND MACHINING II	4/CR	MSAA & LEVEL I GTAW
11 TH FALL	ENGL 1301 COMPOSITION I	03220300	ENGLISH III OR IV	3/CR	
11 TH SPRING	BIOL 1322 NUTRITION & DIET THERAPY I OR BIOL 2306 ENVIRONMENTAL BIOLOGY	13024400	LIFETIME & WELLNESS	3/CR	
		03020000	ENVIRONMENTAL SYSTEMS	3/CR	
11 TH SPRING	TECM 1301 INDUSTRIAL MATH	03102510	ADVANCED QUANTITATIVE REASONING	3/CR	
11 TH SPRING	HIST 1301 US HISTORY BEFORE 1865 OR GOVT 2305 FEDERAL GOVERNMENT	03340100	US HISTORY A	3/CR	
		03330100	US GOVERNMENT	3/CR	
12 TH FALL	MATH 1314 COLLEGE ALGEBRA OR	03100600	ALGEBRA II OR IND STUDY IN MATH. 1 ST TIME TAKEN	3/CR	
	MATH 1332 CONTEMPORARY MATHEMATICS I	03102500	IND STUDY IN MATH 1 ST TIME TAKEN	3/CR	
12 TH FALL	WLDG 2322 WELDING AUTOMATION	13032900	MANUFACTURING ENGINEERING TECHNOLOGY I	3/CR	A.A.S & LEVEL II IN WELDING
12 TH SPRING					A.A.S & LEVEL II IN WELDING
TOTAL	18 COURSES			60/CR	