



# Southwest Career Technical Academy

Pathway: **Welding**

9th Grade	10th Grade	11th Grade	12th Grade
English I/ H	English II/H	English III / American Lit./H AP English Language & Comp.	English IV/ Composition H AP English Lit & Comp.
Algebra I/H Geometry H	Geometry I/H Algebra II/H	Algebra II/H Pre Calc/ Trigonometry	Pre Calc/Trig H/ AP Calculus/ Dual College Credit Option
Principles of Science Biology I H	Biology I/H Chemistry IH	Chemistry/H Physics/H Genetics H / Anatomy & Physiology	Elective
Tools/ Freshman Studies	World History/H	US History/ H/ AP	US Government/ H/ AP
PE I	PE II or PE II Waiver/ Elective	Elective	Welding Tech II
Art/ Arts and Humanities	Health/Drivers Ed	Welding Tech I	↓ ↓ ↓
Elective	Intro to Transportation & Trades	↓ ↓ ↓	↓ ↓ ↓
Pre Requisites		Career Technical Fees	
Basic math and science skills. Desire to work in the welding profession. Ability to meet the physical demands and work in all climates.		\$25 Intro to Welding/ \$115 Welding I/ \$125 Welding II/ \$ AWS Certification Cost/ Uniform and Tools Additional Cost	
Certifications	Possible Articulated Courses	Post Secondary Options	
AWS Certification Exam – 1 CCSD Occupational Certificate of Competency	MTL 135B Welding Tech I—3 MTL 132B Welding Tech II – 3 MTL 133B Welding Tech II – 3 MTL 134B Welding Tech II – 3	CSN NSC	UNR UNLV
Career Pathways Available			
*See attached			

\*Following the Academic course sequencing fulfills the requirement for millennium scholarship and 21<sup>st</sup> century course of study provided student maintains the required GPA and passes all proficiency exams.

\*Students earning a C or higher in their Career Technical major will earn a CCSD Occupational Certificate of Competency.

\*Fees subject to change without notice.

\*Administration reserves the right to change course offerings based on staffing and enrollment.