

2020-2021

**YSLETA HIGH SCHOOL CAREER & TECHNICAL EDUCATION
PROGRAM OF STUDY PATHWAYS TOWARDS EARNING AN ENDORSEMENT**

Cluster	Pathway	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Opportunities
	Advanced Manufacturing and Machinery Mechanics	V1050 Principles of Applied Engineering, 1 Credit L1	V1750 Robotics I, 1 Credit L2	V1450 Engineering Design and Presentation I*, 1 Credit L2	V1850 Robotics II*, 1 Credit L3	Autodesk Certified User (ACU) in AutoCAD ACU - Inventor OSHA 30 Hour General Industry Certified SolidWorks Associate (CSWA)

Cluster	Pathway	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Opportunities
	Renewable Energy	V1050 Principles of Applied Engineering, 1 Credit L1	V2000 AC/DC Electronics, 1 Credit L3	V3250 Digital Electronics*, 1 Credit L4	V2500 Scientific Research and Design*, 1 Credit L3	Autodesk Certified User in AutoCAD OSHA 30 Hour General Industry Certified SolidWorks Associate (CSWA)

* see course guide for prerequisite requirements