

MANUFACTURING TECHNOLOGIES PROGRAM OF STUDY

Potential Community Partners/Sponsors: Western Nevada College; Click Bond, Inc.; Nevada Manufacturer’s Association; NNDA; Carson City Library; Micromanipulator; Bruce Aerospace, NDOT, Aloha Medicinals, Vineburg Machining Inc, Resource Concepts Inc, etc.

Name of Student: _____ Graduation Year: ___2020_____	Guided Pathway: Manufacturing Technologies Career Goal: Manufacturing Technician Education Goal: AA Degree (Automated Systems) or Certification in Manufacturing Technician, or AA Degree in Machine Tool Technology, or AA Degree in Welding Technology
Contact: Michele Lewis, CTE Administrator – 775-283-1637	

9 th	10 th	11 th	12 th	13 TH
English I	English II	English III	English IV	English 101/102
Algebra I	Geometry	Algebra II	Trig-Pre-Calculus	Math 126 or Higher
Freshmen Transition/Health	World History	US History	Government	
Biology	Chemistry	Physics	Manufacturing Technologies AS or WNC Jump Start in Machine Tool Technology or Automated Industrial Technology 24 college credits and 4 high school elective credits – COURSES TAKEN AT WNC DURING THE SCHOOL DAY	WNC Automated Industrial Technology, Machine Tool Technology, or Welding Technology
PE	PE	Elective		
Complimentary Program – Engineering or Welding	Complimentary Program – Engineering or Welding	Complimentary Program – Engineering or Welding		
Manufacturing Technologies I	Manufacturing Technologies II	Manufacturing Technologies III		
Work-Based Learning Experiences				
Freshmen Transition - Develop 4-year Plan; guest speakers; attend workshops and seminars	Job Shadow; Guest Speakers; tour local manufacturers	Job Shadow; Internship; tour local manufacturers	Internship; CTE Work Experience; complete College and Career Readiness Portfolio	Internship; Work Experience
Student Leadership				
SkillsUSA	SkillsUSA	SkillsUSA Leadership Role	SkillsUSA Leadership Role	
Postsecondary Articulation – Career and Technical Education College Credit				
		Attend Jump Start Meetings; Apply to WNC and Jump Start; Parent attend Jump Start Meeting	<ul style="list-style-type: none"> WNC Jump Start program in AIT or Machine Tool Technology or 18 college credits through CTE College Credit articulation process (TMCC) 	
Certifications				
OSHA Card (10 Hour)			<ul style="list-style-type: none"> MT1 Certification through WNC State Technical Certificate in Manufacturing Technologies 	Manufacturing Technician Certification