


Career Cluster: Manufacturing

Secondary CTE Program: AC Refrigeration & Heating Technology

Career Cluster Pathway:

Available at these schools: WTI

	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES		CAREER AND TECHNICAL EDUCATION COURSES Major Area of Interest: Industrial Education	RECOMMENDED ELECTIVES (Aligned with State University System Admissions)
					FINE ARTS (1 cdt) PHYSICAL EDUCATION (1 cdt)			

HIGH SCHOOL	Career Cluster of interest identified by students enrolled in mandatory middle school career education course that includes interest inventory through Choices and ePersonal Education Planner through FACTS.org.							
	9	English I	Algebra I	Physical Science	World Goegraphy	Computing for College & Careers	AC Refrigeration & Heating Technology 2	
	10	English II	Geometry	Biology	World History		AC Refrigeration & Heating Technology 3	
	11	English III	Algebra II	Chemistry or Marine Bio.	American History		AC Refrigeration & Heating Technology 4	Foreign Language
	12	English IV	Pre-Calculus	Suggested Elective: CDE	Economics/American Gov't		AC Refrigeration & Heating Technology 4-7	Foreign Language
Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements - see the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.								

POSTSECONDARY	Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL CENTER PROGRAM(S)			COMMUNITY COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)	
	SAMPLE CAREER SPECIALTIES (TOL signifies occupation identified on the Agency for Workforce Innovation's Targeted Occupation Listing)							

CAREER								

***Possible Industry Certifications (Students):**
 Secondary: HEAT, NCCER
 Postsecondary: