

High School to College and Career Pathway: Post-Secondary

Area of Study: Skilled & Technical Education

Pathway: HVAC

Region: Mountainland	District:	School:	College/Institution: Utah Valley State College Articulation Agreement in place? Yes Name of Degree or Certificate: AAS in Air Conditioning and Refrigeration Technology (69 Credits Required)
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High School				College		
Course Number	High School Suggested Academic Courses	H.S. Credit	College Credits	Course Number	College General Education Requirements	College Credits
ENGL	ENGLISH		3	ENGL	ENGLISH	3
ENGL1010	College Writing * **	1		ENGL1010	Introduction to Writing (3.0)	
				ENGL1060	Career Writing for Technology (3.0)	
MATH	MATHEMATICS			MATH	MATHEMATICS	3
				ACRT	Special Refrigeration Mathematics	
	HUMANITIES/FINE ARTS Complete one course from the following:		3		HUMANITIES/FINE ARTS Complete one course from the following:	3
HUM1010	Humanities * **	1		HUM1010	Humanities Through the Arts (recommended)	
COMM1020	Public Speaking **	1		COM1020	Public Speaking	
ART1010	Art/Art Foundations *			ART1010	Introduction to Visual Arts	
50.0406	Photo II *			ART1050	Photography I	
ART1110	AP Drawing *			ART1110	Drawing I	
ART1340	3-D Design II *			ART1340	Sculpture I	
ART1350	Ceramics II *			ART1350	Ceramics I	
ARTH2720	Art History *			ARTH2720	History of Art from the Renaissance	
MUSC1010	Music Appreciation *			MUSC1010	Introduction to Music	
THEA1013	Introduction to Theater **			THEA1013	Introduction to Theater	
THEA1023	Film/Video Production I or II *			THEA1023	Introduction to Film	
				→	Any other approved Humanities/ Fine Arts distribution course	
	BIOLOGY/PHYSICAL SCIENCE Complete one course from the following:		3		BIOLOGY/PHYSICAL SCIENCE Complete one course from the following:	3
BIOL1010	AP Biology * Gen. Biology **	1		BIOL1010	General Biology	
GEO1010	Geology * Intro. To Geology **	1		GEO1010	Introduction to Geology	

PHYS1010	Physics Honors/Engr. I *	1		PHYS1010	Elementary Physics	
PHYS1040	Astronomy *	1		PHYS1040	Elementary Astronomy	
				→	Any other approved Biology/Physical Science distribution course	
	SOCIAL/BEHAVIORAL/POLITICAL SCIENCE Complete one course from the following:		3		SOCIAL/BEHAVIORAL/POLITICAL SCIENCE Complete one course from the following:	3
GEOG1300	Survey of World Geography **	1		GEOG1300	Survey of World Geography	
HIST1100	History of Civilization *	1		HIST1100	History of Civilization I	
HIST1700	AP US History *	1		HIST1700	American Civilization	
52.0211	Business Management *	.5		MGMT1010	Introduction to Business	
MGMT2020	Macroeconomics **			MGMT2020	Macroeconomics	
POLS1100	American National Government **	1		POLS1100	American National Government	
PSY1010	AP Psychology * Gen. Psych. **	1		PSY1010	General Psychology	
SOC1010	Sociology * Intro to Sociology **	1		SOC1010	Introduction to Sociology	
				→	Any other approved Social/Behavioral Science distribution course	
	PHYSICAL ED./HEALTH/SAFETY OR ENVIRONMENT		1		PHYSICAL ED./HEALTH/SAFETY OR ENVIRONMENT	1
HLTH1100	Personal Health & Wellness **			HLTH1100	Personal Health & Wellness	
				→	Any other approved Physical Ed./Health/Safety or Environment distribution course	

Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. **Note:** * = concurrent ^ = distant

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Course CIP #	CTE Pathway Courses (3.0 credits for completion)	H.S. Credit	College Credits	Course #	College Major Course Requirements	College Credits
	Foundation Courses: (2.00 required)	Credit				
46.9999	Construction Trades Foundation	1.00				
47.0201	Heating/Air Conditioning/Refrigeration (HVAC)	1.00				
	Elective Courses: (choose 1.00 credit)					
15.1301	Drafting and Design Technology	.50				
46.032	Electrician	1.00				
46.0501	Plumbing	1.00				
47.0105	Electronics I	.50				
32.0199	Student Internship (Critical Workplace Skills)	.50				
				ACRT1110	Refrigeration I	10
				ACRT1210	Refrigeration II	9
				ACRT1220	Basic Electricity and Motor Controls	5
				ACRT2320	Motors—Controls and Wiring Diagrams	5
				ACRT2330	Sheet Metal Layout	1
				ACRT2420	Heating and Air Conditioning Controls	5
				ACRT2340	Commercial Refrigeration Theory	4
				ACRT234L	Commercial Refrigeration Lab	5
				ACRT2440	Commercial Refrigeration Heating and Air Conditioning Theory	4
				ACRT244L	Commercial Refrigeration Heating and Air Conditioning Lab	5
TOTAL Potential Credits Earned in High School			13	TOTAL Credits Required for Degree or Certificate		69

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