

2008 - 2009 Program of Study - Secondary

Submitted by CTPD Name: _____

CTPD Number: _____

Secondary Program Information

School District Name: Stark County JVS
School District IRN: 062026
Building (location) Name: R.G. Drage Career Center
Building (location) IRN: 062034

Career Field: Construction Technologies
Pathway Name: Construction
Program Name: Environmental Controls Technology
EMIS Subject Code: 170100
Local Program Name: HVAC

Specify Industry Credential Opportunities (if applicable): ARI Residential ICE

									Required or Elective Academic Course and Other Courses				Career and Technical Education Courses			
Grade	English	Code	Math	Code	Science	Code	Social Studies	Code	Course	Code	Course	Code	CTE Course	Code	CTE Course	Code
9	English 9	RA	Trans to Alg, Alg I or Geometry	RA	Science	RA	World History	RA	Health (sem) PE (sem)	RA RA	Keyboarding (sem) Computers (sem)	RE				
10	English 10	RA	Alg I, Geometry or Alg II	RA	Biology/ lab	RA	American History	RA	PE	RA	Computer Science (sem)	RE				
11	English 11	RA	Geometry or Alg II	RA	Chemistry/lab	RA	Economics Civics	RA	Personal Finance	RE			HVAC/R	CT CC		
12	English 12	RA	Algebra II	RA	Physics/lab	RA	Gov't/American History	RA	Entrepreneurship	RE			HVAC/R	CT CC		

Contact Person: John Walker

Title: Supervisor

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CODES (use all that apply)

RA: Required Courses

CT: Career-Technical Courses

RE: Recommended Electives

CT2: Eligible for CT2 Credit

CC: College Credit Opportunities based on articulation or dual/concurrent enrollment agreements

2008 - 2009 Program of Study - Postsecondary Semesters

Postsecondary Institution: Stark State College of Technology
 Heating, Ventilation &
 College Major: (if applicable) Air Conditioning Tech College Degree: (if applicable) AAS

Specify Industry Credential Opportunities (if applicable): ARI-Residential ICE

Certificate, Adult and/or Apprenticeship Program: (if applicable) _____

Secondary Program Name: HVAC/R Secondary School Name: R G Drage Career Center District Name: Stark County JVS

	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code
Year 1 1st Sem.	ENG 124 College Composition: 3	RA	MTH 101 Introduction to Algebra: 4	RA CC	HVC 121 HVAC Principles I: 3	RT CC	CET 121 Building Materials and Construction: 3	RT	ECA 122 Computer Applications for Technical Professionals: 3	RT	Arts/Humanities/Social Science Elective: 3	RE				
Year 1 2nd Sem.	HVC 123 Sheet Metal Layout I: 3	RT	HVC 122 HVAC Principles II: 3	RT CC	HVC 227 HVAC Field Installation Techniques/Procedures: 4	RT CC	HVC 234HVAC Electrical Systems & Applications: 3	RT	PHY 101 Principles of Physics: 4	RA TAG						
Year 2 1st Sem.	MST 121 Blueprint Reading: 2	RT	MST 126 Pipefitting Principles & Applications: 4	RT CC	HVC 222 HVAC Design and Application: 3	RT	HVC 223 HVAC System Operation/Troubleshooting-Heating: 3	RT	COM 121/123 Effective Speaking or Inter-group Communications: 3	TAG	Arts / Humanities / Social Science Elective: 3	RE				
Year 2 2nd Sem.	HVC 226 Sheet Metal Layout II: 3	RT	HVC 224 HVAC System Operation/Troubleshooting-Cooling: 3	RT CC	HVC 236 Advanced HVAC Electrical Applications: 3	RT	HVC 221 Technical Report Writing: 3	RA	HVC 232 Advanced HVAC Applications and Controls: 3	RT	HVC 225 Refrigerations: 3	RT				

Contact Person: Frank Fuller

Title: Dept Chair/Engineering Technologies

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CODES (use all that apply)

RT: Required Technical Courses **CT2:** Eligible for CT2 Credit

RA: Other Required Courses **TAG:** Eligible for TAG Credit

RE: Recommended Electives

CC: Other College Credit Opportunities (based on articulation or dual/concurrent enrollment agreements with partner high school)