



# School of Engineering and Industrial Technology

## Occupation/Field: HVAC



### National Career Cluster: Manufacturing

GRADE	SUBJECT	Required Courses for Core 40 Diploma						Recommended Courses and Electives	
		English/ Language Arts	Math	Social Studies	Science	Electives	Electives	Electives	Electives
9	S1	English 9	Algebra I	College and Careers	Biology I	PE	Health	PLTW Introduction to Engineering Design	
	S2	English 9	Algebra I	Study Hall	Biology I	PE	Health	PLTW Introduction to Engineering Design	
10	S1	English 10 Enr. Eng 10	Geometry	World History	ICP Chemistry	World Language	PLTW Principles of Engineering		
	S2	English 10 Enr. Eng 10	Geometry	World History	ICP Chemistry	World Language	PLTW Principles of Engineering		
11	S1	English 11 AP English 11	Algebra II	US History AP US History	Core 40 Science	Porter County Career Center Course			
	S2	English 11 AP English 11	Algebra II	US History AP US History	Core 40 Science				
12	S1	Senior Comp AP English 12	Recommended: Additional Math course	Government	World Language	Porter County Career Center Course			
	S2	Senior Comp AP English 12	Recommended: Additional Math course	Economics	World Language				

### Associate of Applied Science in HVAC from Ivy Tech Community College, East Chicago, IN

POSTSECONDARY	Yr 13	S1	Construction Blueprint Reading (CONT 106)	Electrical Basics (CONT 127)	Heating Fundamentals (HVAC 101)	AC Refrigeration I (HVAC 103)	Ivy Tech Elective	
		S2	Electrical Circuits & Controls (HVAC 202)	Heating Service (HVAC 208)	AC Refrigeration II (HVAC 211)	Geometry and Trigonometry (MATH 121)	Ivy Tech Elective	Duct Fabrication & Installation (HVAC 107)
	Yr 14	S1	English Composition (ENGL 111)	Computer Fundamentals for Technology (INDT 100)	Science of Traditional and Alternative Energy (SCIN 101)	Ivy Tech Elective	Ivy Tech Elective	
		S2	Public Speaking (COMM 101)	HVAC Capstone (HVAC 279)	Ivy Tech Elective	Ivy Tech Elective	Ivy Tech Elective	

Hobart High School offers numerous DUAL CREDIT courses. See your counselor for more information.

