



## School of Engineering and Industrial Technology

### Occupation/Field: Construction Technology



#### National Career Cluster: Architecture and Construction

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	Physics	Porter County Career Center Course			
	S2	Senior Comp AP English 12	Recommended: Additional Math course	Economics	Physics				

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

POSTSECONDARY	Yr 13	S1	Introduction to Construction (CONT 101)	Construction Materials (CONT 102)	Construction Blueprint Reading (CONT 106)	Ivy Tech Elective	Geometry/Trigonometry (MATH 121)	English Composition (ENGL 111)
		S2	Roof Construction (BCOT 105)	Interior Trim (BCOT 113)	Exterior Trim (BCOT 114)	Floor and Wall Layout (BCOT 104)	Computer Fundamentals (INDT 100)	Auxiliary Building & Design (BCOT 115)
	Yr 14	S1	Carpentry-Light Commercial (BCOT 207)	Wall and Floor Coverings (BCOT 214)	Electrical Basics (CONT 127)	Estimating and Specifications (CONT 204)	College Algebra (MATH 136)	
		S2	Residential Writing (BCOT 201)	Capstone Course (CONT 279)	Fundamentals of Public Speaking (COMM 101)	Physics I (PHYS 101)		

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

