



Name Tom Prombo

Learner ID _____

School/College/University Pecatonica High School / Rock Valley College A.A.S. or Cert Building Construction Management
updated 12-23-13

Architecture and Construction: Design/Pre-Construction

Career Pathway Plan of Study for ► Learners ► Parents ► Counselors ► Teacher/Faculty

*This Career Pathway Plan of Study (based on the Design/Pre-Construction Pathway of the Architecture and Construction Career Cluster) can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. *This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.*

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives Recommended Electives Learner Activities	*Career and Technical Courses and/or Degree Major Courses for Design/Pre-Construction Pathway	SAMPLE Occupations Relating to This Pathway	
<i>Interest Inventory Administered and Plan of Study Initiated for all Learners</i>									
SECONDARY	9	English I	Algebra 1 or Honors Geometry	Biology or Advanced Biology	World Geography	9-12: PE 9: Art 1, Intro to Ag, Spanish 1 10: Spanish 2, Art 2 11 & 12: Blacksmithing, Art Studio, Welding, Welding Independent Study	• <i>Industrial Technology</i>	<ul style="list-style-type: none"> ► Architect ► Building Code Official ► Building Designer ► Civil Engineer ► Code Official ► Cost Estimator ► Drafter ► Electrical Engineer ► Electronic Engineer ► Environmental Designer ► Environmental Engineer ► Fire Prevention and Protection Engineer ► Industrial Engineer ► Interior Designer ► Landscape Architect ► Materials Engineer ► Mechanical Engineer ► Regional and Urban Planner/Designer ► Safety Director ► Specification Writer ► Structural Engineer ► Surveying and Mapping Technician 	
	10	English II	Geometry or Algebra 2	Chemistry or Physical Science	American History		• <i>Industrial Technology</i> • <i>Introduction To Drafting</i> • <i>Drafting and Design Woods 1 and Woods 2</i>		
	11	English III	Algebra 2 or 3, or Pre-calc	Science Elective	S.S. Elective		• <i>Industrial Technology</i> • <i>Introduction To Drafting</i> • <i>Drafting and Design Woods 1 and Woods 2</i> • <i>Woods 3 and Woods 4</i> • <i>Construction Trades (CareerTEC)</i>		
	<i>College Placement Assessments-Academic/Career Advisement Provided</i>								
	12	English Elective			American Gov't/Economics	• <i>Industrial Technology</i> • <i>Introduction To Drafting</i> • <i>Drafting and Design Woods 1 and Woods 2</i> • <i>Woods 3 and Woods 4</i> • <i>Construction Trades (CareerTEC)</i>			
<i>Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.</i>									
POSTSECONDARY	Year 13	Eng 101	MTH 100 or 132	Bio 106 & 107		Bus: 101, 3 credits of electives in MTH, Science, HUM, or FWS	BCM: 100, 104, 117, 120, 125, 137, 195, 219, 237, 239, 251, 260,270, plus one more 3 credit BCM class: 168, 218, 258, 268, 278, or 298		
	Year 14	Eng 103, 105, 110 or SPH 131	ATG 106 & 107						
	Year 15	Continue courses in the area of specialization.							
	Year 16								