



Name Tom Prombo

Learner ID _____

School/College/University Pecatonica High School / Rock Valley College A.A.S. or Cert Manufacturing Engineering Technology

updated 12-23-13

Architecture and Construction: Construction

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

This Career Pathway Plan of Study (based on the 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 Learner Activities	*Career and Technical Courses and/ or Degree Major Courses for Construction Pathway	SAMPLE Occupations Relating to This Pathway
Interest Inventory Administered and Plan of Study Initiated for all Learners								
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	Industrial Technology	<ul style="list-style-type: none"> ► Carpenter ► Code Official ► Concrete Finisher ► Construction Engineer ► Construction Foreman/Manager ► Construction Inspector ► Contractor ► Design Builder ► Drywall Installer ► Electrician ► Electronic Systems Technician ► Equipment and Material ► General Contractor/Builder ► Heating, Ventilation, Air Conditioning and Refrigeration Mechanic ► Mason ► Painter ► Paperhanger ► Plumber ► Project Estimator ► Project Inspector ► Project Manager ► Roofer ► Safety Director ► Sheet Metal Worker ► Specialty Contractor ► Superintendent ► Tile and Marble Setter
	10	English II	Geometry or Algebra 2	Chemistry or Physical Science	American History		Industrial Technology, Introduction To Drafting, Drafting and Design, Woods 1 and Woods 2, Welding	
	11	English III	Algebra 2 or 3, or Pre-calc	Science Elective	S.S. Elective		Woods 3 and Woods 4, Welding or Construction Trades (CareerTEC), IED (Winnebago), POE (Winnebago), CIM (Winnebago), EDD (Winnebago)	
	College Placement Assessments-Academic/Career Advisement Provided							
	12	English Elective			American Gov't/Economics			
Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDARY	Year 13	Eng 101	MTH 100, 125 or 132	Bio 106 & 107		Bus: 101, 3 credits of electives in MTH, Science, HUM, or FWS MET 110, 111, 243, 100,105,133,146, 162, 217, 218, 106, EET 141, 254, 9 credits dependent on Mechanical Design or Automated Production emphasis		
	Year 14	Eng 103 or 110, SPH 131	3 credit MTH elective					
	Year 15							
	Year 16							