



Name Doug Visel

Learner ID _____

School/College/University Dakota H.S. / Rock Valley College: A.A.S. or Cert in Building Const. Management (BCM)

Architecture and Construction: Design/Pre-Construction

updated 11/25/13

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: 4 credits	Math: 3 credits	Science: 2 credits	Social Studies: 2 credits	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		
Interest Surveys are provided during Job Skills & Explore, Plan, and ACT testing										
SECONDARY	9	Intro to Lit	Alegebra 1/1A	General Science		Required 9-12: PE/Health (health 1/2 credit), Consumer Ed (1/2 credit), speech (1/2 credit), Music/Art/Foreign Lang/CTE (1 credit) Other Suggested Electives: Spanish 1, Art I & 2, Construction Trades 1 & 2	Carpentry 1,2	<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	App of Lit/Writing	Geometry/A	Biology	S.S. elective		Carpentry 1,2 & 3,4			
	11	American Lit	Algebra 2, A, Pre-Calc	General Science	US History 1 & 2		Carpentry 1,2 & 3,4 & 5,6			
	College Placement Assessments-Academic/Career Advisement Provided									
	12	Senior Lit					Carpentry 1-6			
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	BIO 106		BCM 100, 117, 104, 125	Const. Management 7012 Building Const. 7014			
	Year 14	ENG 103, 110	ATG 106	BIO 107		BCM 137, 237, 195, 125	Const. Admin. Assist. 7010 Const. Methods & Materials 7011			
	Year 15					BCM 251, 260, 270	Residential Const. 7013 Basic Const. 7016			
	Year 16									