

Name _____

Learner ID _____

School/College/University _____

Sample Program of Studies

Cluster: Architecture and Construction

Pathway: Design/Pre-Construction

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

This Career Pathway Plan of Study (based on 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	
Interest Inventory Administered and Plan of Study Initiated for all Learners									
SECONDARY	9	English Composition	Algebra I	Earth Science	Social Studies 9		Introduction to Construction	<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 Literature	Geometry	Biology	Modern Europe		Introduction to CADD		
	11	Literature & Composition	Pre-Calculus	Chemistry	U.S. History		Safety, Health and the Workplace Environment Principles of Design and Construction		
	College Placement Assessments-Academic/Career Advisement Provided								
12	English Composition ACC/UCONN	Intermediate Algebra ACC	Advanced Chemistry ACC/UCONN	World Issues		Applications in Design and Construction			
Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.									
POSTSECONDARY	Year 13	English Composition	Intermediate Algebra ACCI	Physics	American Government		Introduction to Architectural Technology Design and Pre-Construction Internship		
	Year 14	Speech/Oral Communication	Computer Applications	Biological Science	Modern Western Traditions		Technical Applications of Design and Pre-Construction Continue Design and Pre-Construction		
	Year 15						Continue Courses in Area of Specialization		
	Year 16						Complete Design/Pre-Construction Major (4-Year Degree Program)		