



Name \_\_\_\_\_

Learner ID \_\_\_\_\_

School/College/University \_\_\_\_\_

# SHS PLAN OF STUDY

## Architecture and Construction

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

This Career Cluster 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	*Career and Technical Courses and/ or Degree Major Courses	Other Electives	SAMPLE Occupations Relating to This Career Cluster
	Interest Inventory Administered and Plan of Study Initiated for all Learners							
SECONDARY	9	English I	Algebra I, Pt. 1 Algebra I Geometry	Physical Science	OK History Government	1 unit of Fine Arts, 2 units of Foreign Language or 2 units of Computer Technology	Technology Education	<ul style="list-style-type: none"> <li>► Architect</li> <li>► Carpenter</li> <li>► Civil Engineer</li> <li>► Construction Foreman/Manager</li> <li>► Contractor</li> <li>► Demolition Engineer</li> <li>► Drafter</li> <li>► Drywall Installer</li> <li>► Electrician</li> <li>► Electronic Systems Technician</li> <li>► Equipment/Material Manager</li> <li>► General Contractor/Builder</li> <li>► Heating, Ventilation, Air Conditioning and Refrigeration Mechanic</li> <li>► Interior Designer</li> <li>► Painter</li> <li>► Paperhanger</li> <li>► Plumber</li> <li>► Project Estimator</li> <li>► Project Inspector</li> <li>► Roofer</li> <li>► Safety Director</li> <li>► Sheet Metal Worker</li> <li>► Tile and Marble Setter</li> </ul>
	10	English II	Algebra I, Pt. 2 Algebra I Geometry Algebra II	Biology or Contextual Biology	World History			
	11	English III	Geometry, Algebra II, Alg. III or Trig/Pre-Calculus AP Statistics, AP Calculus	Environmental Science, Chemistry,	American History	<b>Technology Center:</b> Pre-engineering Technology, AC/Refrigeration, Drafting, Masonry, Res/Comm. Construction	Housing & Home Furnishings	
	12	English IV	Alg. III or Trig/Pre-Calculus, AP Statistics, AP Calculus	Physics, AP Physics,				
Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDARY	Technology Center			Community College		College/University		
	AC, Heat & Refrigeration Cabinetmaking Carpentry Construction Trades Drafting CAD Masonry Plumbing Interior Design  For more infor., visit <a href="http://www.okcareertech.org">www.okcareertech.org</a>			Construction Technology Computer-Aided Drafting Engineering Technology Surveying Civil/Surveying Technology Architectural Technology Construction Management Electrical  For more infor., visit <a href="http://www.okhighered.org">www.okhighered.org</a>		Architecture Civil engineering Construction Management Electrical engineering Urban Planning Interior Design Mechanical Engineering Technology  For more infor., visit <a href="http://www.okhighered.org">www.okhighered.org</a>		