



# Career Plan of Study Architecture & Construction

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>High School</b>	<b>English 9 or English 9 H</b>	<b>Eng. 10 or English 10 H</b>	<b>Eng. 11 or Eng. 11 H</b>	<b>1 Literature AND 1 Writing Course</b>
	Pre-Alg., <b>Algebra I</b> or Geometry	Algebra I, <b>Geometry</b> or Algebra II	Algebra II or higher for 4 year college	Math elective recommended
	<b>Science 9</b> or Biology	<b>Biology</b> or Chemistry, Earth Science	3 <sup>rd</sup> Lab Science for 4 year college	Science elective optional
	<b>E. Cultural Studies or Honors</b>	<b>US History or AP US History</b>	Social Studies elective optional	<b>Gov. or Gov. H AND Economics or AP Micro Economics</b>
	<b>PE, Art, Music, Foreign Language</b>	<b>PE, Career Pathways, Art, Music, Foreign Language</b>	<b>PE, Health, Art, Music, Foreign Language</b>	Art, Music, Foreign Language
	<b>Construction Electives</b> Basic Construction Beginning Cabinetmaking Adv. Cabinetmaking Construction Certified Coop		<b>Career &amp; Technical Education Electives</b> Computer Aided Drafting Microsoft Word I & II Principles of Engineering I & II CAD II/Architecture-AS Business Entrepreneurship & Organization	
<b>Career Enhancement</b>	<b>Work-based Learning Options</b>		<b>Short-Term Training Options</b>	
	On-The-Job Training: Construction Internship		<input type="checkbox"/> Air Conditioning, Refrigeration & Heating <input type="checkbox"/> Bricklaying/Masonry <input type="checkbox"/> Preparatory Plumbing <input type="checkbox"/> Safety Training <input type="checkbox"/> Conversational Spanish	
<b>Post-Secondary</b>	<b>Apprenticeships</b>		<b>Sample Technical College Programs</b>	
	<input type="checkbox"/> Bricklayer/Cement Mason <input type="checkbox"/> Carpenter/Construction <input type="checkbox"/> Electrician <input type="checkbox"/> Heating/Ventilating/Air (HVAC) <input type="checkbox"/> Plaster <input type="checkbox"/> Plumber <input type="checkbox"/> Roofer For more information visit <a href="http://www.witechcolleges.com/default.htm">www.witechcolleges.com/default.htm</a>		<input type="checkbox"/> Architectural/CAD/Draftsman <input type="checkbox"/> Cabinetmaking and Millwork <input type="checkbox"/> Civil Engineering Technology <input type="checkbox"/> Electrical Power Distribution <input type="checkbox"/> Gas Utility Construction & Service <input type="checkbox"/> HVAC Technician <input type="checkbox"/> Land Survey Technician <input type="checkbox"/> Wood Techniques For more information visit <a href="http://www.witechcolleges.com/default.htm">www.witechcolleges.com/default.htm</a>	
			<b>Sample Majors-College/University</b>	
			<input type="checkbox"/> Architecture <input type="checkbox"/> Civil Engineering <input type="checkbox"/> Construction Management <input type="checkbox"/> Electrical Engineering <input type="checkbox"/> Urban Planning For more information visit <a href="http://www.wisconsin.edu">www.wisconsin.edu</a>	

**Pathways: Construction, Design/Pre-Construction/Maintenance Operations**