



**Jacksonville High School  
Career and Technology Department  
AchieveTexas Career Cluster Information**

<p style="text-align: center;"><b><u>Career Pathway Programs of Study</u></b></p>	<p style="text-align: center;"><b><u>Suggested JHS Coursework</u></b></p>	<p style="text-align: center;"><b><u>Industry Certifications</u></b></p>
<p><b>Architecture</b></p>		
<ul style="list-style-type: none"> <li>• Architect</li> <li>• Civil Engineer</li> </ul>	<ul style="list-style-type: none"> <li>• Career Connections</li> <li>• Introduction to Construction Careers</li> <li>• Construction Systems</li> <li>• Technology Systems</li> <li>• Building Trades I and II</li> <li>• Housing</li> <li>• Interior Design</li> <li>• Architectural Blueprints and Specifications</li> <li>• Architectural Materials</li> <li>• Technical Introduction to Computer-Aided Drafting</li> <li>• Diversified Career Preparation (DCP)</li> </ul>	<ul style="list-style-type: none"> <li>• OSHA CareerSafe</li> <li>• NCCER Core</li> <li>• NCCER Carpentry</li> </ul>
<p><b>Interior Design</b></p>		
<ul style="list-style-type: none"> <li>• Interior Designer</li> </ul>	<ul style="list-style-type: none"> <li>• Career Connections</li> </ul>	<ul style="list-style-type: none"> <li>• OSHA CareerSafe</li> </ul>

Note: It is recommended that students complete 2 or more courses for 3 more credits from the list above. While it is ideal that students begin earlier, students *may* begin their career pathway programs of study in the 11<sup>th</sup> or 12<sup>th</sup> grade.

Note: These certification programs are available at JHS for students with a grade average of 80 or better and a good citizen status of fewer than 3 tardies and/or 3 unexcused absences during either semester. Exam fees are paid by the JHS Career and Technology Department for qualified students.

<ul style="list-style-type: none"> <li>• Merchandise Displayer and Window Trimmer</li> <li>• Set &amp; Exhibit Designer</li> <li>• Cost Estimator</li> </ul>	<ul style="list-style-type: none"> <li>• Personal and Family Development</li> <li>• Housing</li> <li>• Interior Design</li> <li>• Technical Introduction to Computer-Aided Drafting</li> <li>• Diversified Career Preparation (DCP)</li> </ul>	
<p><b><i>Building Maintenance</i></b></p>		
<ul style="list-style-type: none"> <li>• Construction Manager</li> <li>• Independent Specialty Contractor</li> <li>• Mechanic</li> <li>• Cost Estimator</li> <li>• Civil Engineer</li> <li>• Environmental Engineer</li> <li>• Administrative Services Manager</li> </ul>	<ul style="list-style-type: none"> <li>• Career Connections</li> <li>• Introduction to Construction Careers</li> <li>• Manufacturing Systems</li> <li>• Construction Systems</li> <li>• Building Trades I and II</li> <li>• Technical Introduction to Computer-Aided Drafting</li> <li>• Diversified Career Preparation (DCP)</li> </ul>	<ul style="list-style-type: none"> <li>• OSHA CareerSafe</li> <li>• NCCER Core</li> <li>• NCCER Carpentry</li> </ul>
<p><b><i>Construction</i></b></p>		
<ul style="list-style-type: none"> <li>• Construction Manager</li> <li>• Cost Estimator</li> <li>• Civil Engineer</li> <li>• Construction/Building Inspector</li> </ul>	<ul style="list-style-type: none"> <li>• Career Connections</li> <li>• Introduction to Construction Careers</li> <li>• Construction Systems</li> <li>• Technology Systems</li> <li>• Introduction to Ag Mechanics</li> <li>• Ag Mechanics I and II</li> <li>• Building Trades I and II</li> <li>• Architectural Blueprints and Specifications</li> <li>• Architectural Materials</li> <li>• Technical Introduction to Computer-Aided Drafting</li> <li>• Diversified Career Preparation (DCP)</li> </ul>	<ul style="list-style-type: none"> <li>• OSHA CareerSafe</li> <li>• NCCER Core</li> <li>• NCCER Carpentry</li> <li>• NCCER Welding</li> </ul> 