



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

<p style="text-align: center;"><u>Career Pathway Programs of Study</u></p>	<p style="text-align: center;"><u>Suggested JHS Coursework</u></p>	<p style="text-align: center;"><u>Industry Certifications</u></p>
<p>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 <i>may</i> begin their career pathway programs of study in the 11th or 12th grade.</p>	<p>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.</p>	
<p><i>Information Support and Services</i></p>		
<ul style="list-style-type: none"> • Database Administrator • Help Desk/Call Support • Data Tester • Data Modeler • Security Expert • Administrator • Geographic Information Specialist (TBD), Mapping Technician • Geographer • Cartographer 	<ul style="list-style-type: none"> • Career Connections • Business Computer Information Systems I (BCIS I) • Business Computer Information Systems II (BCIS II) • Business Image Management and Multimedia (BIMM) • Introduction to Computer Maintenance • Diversified Career Preparation (DCP) 	<ul style="list-style-type: none"> • OSHA CareerSafe • IC3 • Adobe Certified Associate
<p><i>Interactive Media</i></p>		
<ul style="list-style-type: none"> • Communications Analyst • Telecommunications Engineer • Electronics Technician • Telecommunications 	<ul style="list-style-type: none"> • Career Connections • Business Computer Information Systems I (BCIS I) • Business Computer Information Systems II (BCIS II) 	<ul style="list-style-type: none"> • OSHA CareerSafe • IC3 • Adobe Certified Associate

<p>Repairer</p>	<ul style="list-style-type: none"> • Business Image Management and Multimedia (BIMM) • Introduction to Computer Maintenance • Digital Graphics and Animation • Introduction to Media Technology • Media Technology I • Diversified Career Preparation (DCP) 	
<p><i>Programming and Software Development</i></p>		
<ul style="list-style-type: none"> • Computer Programmer • Applications Specialist • Software Engineer • Software Tester • Computer Support Specialist 	<ul style="list-style-type: none"> • Career Connections • Business Computer Information Systems I (BCIS I) • Business Computer Information Systems II (BCIS II) • Business Image Management and Multimedia (BIMM) • Introduction to Computer Maintenance • Digital Graphics and Animation • Diversified Career Preparation (DCP) 	<ul style="list-style-type: none"> • OSHA CareerSafe • IC3 • Adobe Certified Associate