



# PCLS Career Pathway Coursework Options

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|  <b>Agriculture, Food &amp; Natural Resources</b> | <b>HHS Elective Courses*</b> <ul style="list-style-type: none"> <li>Environmental Science</li> </ul> | <b>Auburn Career Center</b> <ul style="list-style-type: none"> <li>Landscape Design &amp; Construction</li> </ul>                                                                                            | <b>Lakeland College Courses*</b> <ul style="list-style-type: none"> <li>Plant Biology</li> <li>Environmental Issues &amp; Solutions</li> <li>Ecology &amp; Environmental Biology</li> <li>Soil &amp; Foundations</li> <li>Introduction to Stream System Analyses</li> <li>Organismic Biology &amp; Ecology</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|  <b>Architecture &amp; Construction</b>         | <b>HHS Elective Courses*</b> <ul style="list-style-type: none"> <li>Wood Tech</li> </ul>             | <b>HHS Specialized Programs w/ Career Credentialing*</b> <ul style="list-style-type: none"> <li>Construction Design</li> <li>HVAC-R (Heating, Ventilation, Air Conditioning, &amp; Refrigeration)</li> </ul> | <b>Auburn Career Center</b> <ul style="list-style-type: none"> <li>Architecture Project Management</li> <li>Construction</li> <li>Electrical Engineering Prep</li> <li>HVAC</li> <li>Production and Welding Technology</li> <li>Welding</li> </ul>                                                                    | <b>Lakeland College Courses*</b> <ul style="list-style-type: none"> <li>Applied Electricity</li> <li>Construction Methods &amp; Materials</li> <li>Reading Construction Drawings</li> <li>Civil Drafting</li> <li>Architectural Building Codes &amp; Standards</li> <li>Construction Materials Testing</li> <li>Mechanical &amp; Electrical Systems</li> <li>Scheduling &amp; Building Information Modeling</li> <li>Construction Estimating/Scheduling</li> <li>Green Building</li> <li>Construction Administration &amp; Inspection</li> <li>Safety in Construction</li> <li>Electrical Construction Technology</li> <li>Direct/Alternating Current Circuit Analysis/Laboratory</li> <li>Arc Welding Fundamentals</li> <li>Metal Fabrication &amp; Mechanized Welding</li> <li>Thermal Cutting, Gouging, Brazing, &amp; Soldering</li> <li>Stick/TIG/Flux Cored/MIG/MAG/Pipe welding</li> <li>Welding Inspection</li> <li>Welding Economics</li> <li>Instrumentation &amp; Testing</li> <li>Digital Systems Fundamentals</li> <li>Linear &amp; Switch-Mode Power Supplies</li> </ul> |

\*HHS and Lakeland courses subject to availability and scheduling considerations



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|  <p><b>Arts, A/V Technology, &amp; Communications</b></p> | <p><b>HHS Elective Courses*</b></p> <ul style="list-style-type: none"> <li>• Journalism</li> <li>• Film Analysis</li> <li>• Art</li> <li>• Ceramics</li> <li>• Photography</li> <li>• Band</li> <li>• Choir</li> <li>• School Publications</li> <li>• Video Communications</li> <li>• Music Technology</li> </ul> | <p><b>HHS Elective Courses w/ Career Credentialing*</b></p> <ul style="list-style-type: none"> <li>• Music Production Academy</li> <li>• Production Tech Lab</li> <li>• Media Production</li> </ul> | <p><b>HHS AP/CCP*</b></p> <ul style="list-style-type: none"> <li>• AP Art</li> <li>• Principles of Composition and Research</li> </ul> | <p><b>Auburn Career Center</b></p> <ul style="list-style-type: none"> <li>• Interactive Media Technology</li> <li>• Programming &amp; Robotic Operations</li> </ul> | <p><b>Lakeland College Courses*</b><br/> <i>Several courses are available in many of these areas of study</i></p> <ul style="list-style-type: none"> <li>• Drawing</li> <li>• Painting</li> <li>• Ceramics</li> <li>• Sculpture</li> <li>• Photography</li> <li>• Animation &amp; Cartooning</li> <li>• Art Appreciation</li> <li>• Survey of Art</li> <li>• Computer Graphics Production</li> <li>• Interactive &amp; Broadcast Media               <ul style="list-style-type: none"> <li>◦ Video</li> <li>◦ Radio</li> </ul> </li> <li>• Introduction to Mass Media</li> <li>• Introduction to Audio Production &amp; Recording</li> <li>• Recording and Studio Techniques</li> <li>• Basics of Sound Reinforcement</li> <li>• Introduction to Interactive Production</li> <li>• Introduction to Entertainment Production</li> <li>• Electronic News Gathering</li> <li>• Independent Commercial Video Production</li> <li>• Video Compositing and Special Effects</li> <li>• Audio Production</li> <li>• Virtual Set and World Design</li> <li>• Acting</li> <li>• Introduction to Stagecraft</li> <li>• Piano</li> <li>• Music Theory</li> <li>• Electronic Music</li> <li>• Introduction to Drama</li> </ul> |
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# PCLS Career Pathway Coursework Options

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|  <b>Business, Management,<br/>&amp; Administration</b> | <b>HHS Elective Courses*</b> <ul style="list-style-type: none"><li>• Computer Applications</li><li>• Principles of Business</li><li>• Economics</li></ul> | <b>HHS Elective Courses w/<br/>Career Credentialing*</b> <ul style="list-style-type: none"><li>• Microsoft Word &amp; Excel</li><li>• Microsoft Powerpoint</li></ul> | <b>Lakeland College Courses*</b> <ul style="list-style-type: none"><li>• Introduction to Business</li><li>• Business Ethics</li><li>• Professional Personal Selling</li><li>• Introduction to Entrepreneurship</li><li>• Entrepreneurial Management</li><li>• Principles of E-Business</li><li>• Essentials of Management and Supervision</li><li>• Principles of Management</li><li>• Business Law</li><li>• Organizational Behavior</li><li>• Human Resource Management</li><li>• Employment Practices</li><li>• Labor-Management Relations</li><li>• Compensation and Benefits</li><li>• Training Skills and Techniques</li><li>• Business Communication</li><li>• Applied Business Mathematics</li><li>• Business Statistics I</li><li>• Business Statistics II</li><li>• New Venture Creation</li></ul> |
|  <b>Education &amp;<br/>Training</b>                 | <b>HHS Elective Courses*</b> <ul style="list-style-type: none"><li>• Child Development</li></ul>                                                          | <b>Auburn Career Center</b> <ul style="list-style-type: none"><li>• Education Career Pathways</li></ul>                                                              | <b>Lakeland College Courses*</b> <ul style="list-style-type: none"><li>• The Developing Child</li><li>• Working With Families</li><li>• Education - An Introduction</li><li>• Introduction to Individuals with Exceptionalities</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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# PCLS Career Pathway Coursework Options

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|  <b>Finance</b>                                  | <b>Lakeland College Courses*</b> <ul style="list-style-type: none"><li>• Introduction to Financial Accounting</li><li>• Introduction to Managerial Accounting</li><li>• Financial Analysis Using Spreadsheets</li><li>• Intermediate Accounting I</li><li>• Managerial Accounting: Cost</li><li>• Auditing Theory and Practice</li><li>• Advanced Topics in Accounting</li><li>• Ethics and Professional Standards for Accounting</li><li>• Accounting Information Systems</li><li>• Intermediate Accounting II</li><li>• Managerial Accounting: Finance</li><li>• Tax Accounting</li><li>• Basic Economics</li><li>• Principles of Macroeconomics</li><li>• Principles of Microeconomics</li><li>• Fundamentals of Investing</li><li>• Financial Management for the Small Business</li><li>• Applied Finance</li><li>• Mathematics of Finance</li></ul> |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|  <b>Government &amp; Public Administration</b> | <b>HHS Elective Courses</b> <ul style="list-style-type: none"><li>• Drone Technology*</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>HHS AP/CCP</b> <ul style="list-style-type: none"><li>• AP US Government and Politics*</li></ul> | <b>Lakeland College Courses*</b> <ul style="list-style-type: none"><li>• U.S. National Government</li><li>• State and Local Government</li><li>• Introduction to International Relations</li><li>• Introduction to Comparative Politics</li><li>• Women and Politics</li><li>• Modern Political Ideologies</li><li>• Geographic Information Science</li><li>• Spatial Data Acquisition and Management</li><li>• Spatial Analysis and Modeling</li><li>• Project Management in Geospatial Technology</li><li>• Introduction to Urban Studies</li></ul> |

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|  | <b>HHS Elective Courses*</b> <ul style="list-style-type: none"> <li>• Human Anatomy and Physiology</li> </ul> | <b>HHS Specialized Programs w/ Career Credentialing*</b> <ul style="list-style-type: none"> <li>• State Tested Nursing Assistant (STNA) Programs</li> </ul> | <b>HHS Elective Courses w/ Career Credentialing*</b> <ul style="list-style-type: none"> <li>• Technology &amp; Sports Performance</li> </ul> | <b>Auburn Career Center</b> <ul style="list-style-type: none"> <li>• Allied Health Technology</li> <li>• Dental Assistant Technology</li> <li>• Emergency Medical Services</li> <li>• Patient Care Technician</li> <li>• Exercise Science &amp; Training</li> </ul> | <b>Lakeland College Courses*</b><br><i>Several courses are available in many of these areas of study</i> <ul style="list-style-type: none"> <li>• Introductory Biology: Cells, Genetics, and Evolution</li> <li>• Human Biology</li> <li>• Fundamentals of Biology for the Health Technologies</li> <li>• Anatomy and Physiology</li> <li>• Biotechnology</li> <li>• Applied Microbiology</li> <li>• Tissue Culture</li> <li>• Recombinant DNA Technology</li> <li>• Organic Chemistry</li> <li>• Emergency Medical Technician-Basic</li> <li>• Paramedic</li> <li>• Nutrition and Family Health</li> <li>• Pathophysiology</li> <li>• Introduction to U.S. Health Care System</li> <li>• Introduction to Electronic Health Records</li> <li>• Medical Terminology for Health Professions</li> <li>• Structure, Function, Disease, &amp; Therapeutics of the Human Body</li> <li>• Phlebotomy</li> <li>• Customer Service and Healthcare</li> <li>• Ethics and Legal Issues for Health Professionals</li> <li>• Basic Pharmacology</li> <li>• Basic Electrocardiography</li> <li>• Introduction to Medical Assisting</li> <li>• Medical Office Insurance and Reimbursements</li> <li>• Basic Patient Skills</li> <li>• Specialty Medical Assisting</li> <li>• Medical Office Surgical Procedures</li> <li>• Physician Office Laboratory</li> <li>• Medical Assisting</li> <li>• First Aid</li> <li>• Introduction to Personal Training</li> <li>• Exercise Physiology I</li> <li>• Diet and Weight Management Strategies for Sport and Fitness</li> <li>• Instructional Techniques: Strength and Cardio Fitness Training</li> <li>• Personal Health/Training</li> <li>• Athletic Training</li> <li>• Intro to Computed Tomography and Magnetic Resonance Imaging</li> <li>• Sectional Anatomy and Pathophysiology</li> <li>• MRI Physics and Imaging</li> <li>• Statistics for the Health Sciences</li> </ul> |
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|  <b>Hospitality &amp; Tourism</b> | <b>HHS Elective Courses w/ Career Credentialing*</b> <ul style="list-style-type: none"><li>• Hospitality</li></ul> | <b>HHS Specialized Programs w/ Career Credentialing*</b> <ul style="list-style-type: none"><li>• Culinary</li></ul> | <b>Auburn Career Center</b> <ul style="list-style-type: none"><li>• Culinary Arts</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|  <b>Human Services</b>          | <b>HHS Elective Courses*</b> <ul style="list-style-type: none"><li>• Psychology</li></ul>                          | <b>Auburn Career Center*</b> <ul style="list-style-type: none"><li>• Cosmetology</li></ul>                          | <b>Lakeland College Courses*</b> <ul style="list-style-type: none"><li>• Social Welfare</li><li>• Introduction to Human Services</li><li>• Principles of Case Management</li><li>• Fundamentals of the Helping Process</li><li>• Motivational Interviewing</li><li>• Fundamentals of Addiction Counseling</li><li>• Introduction to Meteorology</li><li>• Psychology of Effective Study</li><li>• Lifespan Development for Nursing</li><li>• Introduction to Psychology</li><li>• Psychology of Gender</li><li>• Personality Theory</li><li>• Child Psychology</li><li>• Adolescent Psychology</li><li>• Adult Development and Aging</li><li>• Abnormal Psychology</li><li>• Social Psychology</li><li>• Chemical Dependency and Society</li><li>• Sociology of the Family</li><li>• Sociology of Aging</li><li>• Social Problems</li><li>• Introduction to Social Work</li></ul> |

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# PCLS Career Pathway Coursework Options

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|  | <b>Auburn Career Center</b> <ul style="list-style-type: none"><li>• Network Security &amp; Robotics</li></ul> | <b>Lakeland College Courses*</b> <ul style="list-style-type: none"><li>• Assembling, Upgrading and Repairing Personal Computers</li><li>• C Programming for Engineering Technology</li><li>• Visual Basic for Engineering Technology I</li><li>• Advanced Assembly and Repair of Personal Computers</li><li>• Coding and Classification Systems: HCPCS/CPT</li><li>• Coding and Coding Classification Systems: ICD-10-CM &amp; ICD-10-PCS</li><li>• Advanced Coding</li><li>• Programming Logic</li><li>• Web Programming</li><li>• Programming for iOS</li><li>• Java/Android Programming</li><li>• Introduction to SQL</li><li>• Oracle PL/SQL Programming</li><li>• Microsoft SQL Concepts</li><li>• Oracle Database Administration</li><li>• Microsoft SQL Server Administration</li><li>• Principles of Information Technology and Computer Science</li><li>• Computer Essentials</li><li>• Internet: Services, Tools and Web Page Creation</li><li>• Using an HTML Editor</li><li>• Cisco Networking Technology</li><li>• Introduction to Web Design</li><li>• Security+ and Security Essentials</li><li>• Microsoft Office Excel: Skills and Techniques</li><li>• Using Microsoft Office: Word and Excel</li><li>• Information Technology Project Management</li><li>• Security Investigation and Penetration Studies</li><li>• Comparative Analysis of Microcomputer Operating Systems</li><li>• Operating Systems: Skills and Techniques</li><li>• Network+ and Networking Essentials</li><li>• Linux Administration</li><li>• Installing and Configuring Windows 10</li><li>• Configuring Windows Devices</li><li>• Core Solutions of Microsoft Office SharePoint Server</li><li>• Installing and Configuring Windows Server 2012</li><li>• Administering Windows Server 2012</li><li>• Configuring Advanced Windows Server 2012</li><li>• Linux Administration III</li></ul> |
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# PCLS Career Pathway Coursework Options

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|  | <b>HHS Elective Courses*</b> <ul style="list-style-type: none"> <li>• Forensic Science</li> </ul> | <b>Auburn Career Center</b> <ul style="list-style-type: none"> <li>• Criminal Justice</li> </ul> | <b>Lakeland College Courses*</b> <ul style="list-style-type: none"> <li>• Emergency Services Safety and Survival</li> <li>• Introduction to Fire and Emergency Services</li> <li>• Fire Organization and Administration</li> <li>• Fire Protection and Detection Systems</li> <li>• Fire Prevention Practice</li> <li>• Building Construction for Fire and Life Safety</li> <li>• Public Sector Community Relations and Customer Service</li> <li>• Fire Investigation Methods</li> <li>• Fire Service Hydraulics</li> <li>• Public Sector Supervision and Leadership</li> <li>• Fireground Strategy and Tactics</li> <li>• Combustion Processes and Fire Behavior</li> <li>• Hazardous Materials Operations and Command</li> <li>• Introduction to Criminal Justice</li> <li>• Community Policing</li> <li>• Community Corrections</li> <li>• Criminology</li> <li>• Introduction to Emergency Management</li> <li>• Emergency Management Administration and Policy</li> <li>• Incident Command System</li> <li>• Emergency Planning</li> <li>• Developing Volunteer Resources</li> <li>• Mitigation for Emergency Managers</li> <li>• Emergency Operations Center Management and Operation</li> <li>• Public Sector Community Relations and Customer Service</li> <li>• Public Sector Supervision and Leadership</li> <li>• Hazardous Materials Operations and Command</li> <li>• Disaster Response and Recovery</li> <li>• Introduction to Paralegal Studies</li> <li>• Introduction to Legal Research and Writing</li> <li>• Advanced Legal Research Writing</li> <li>• Business Issues in the Law</li> <li>• Civil Law and Practice</li> <li>• Criminal Law and Procedure</li> <li>• Legal Workplace Success Strategies</li> <li>• Legal Internship/Seminar I</li> <li>• Exercise Design and Evaluation</li> </ul> |
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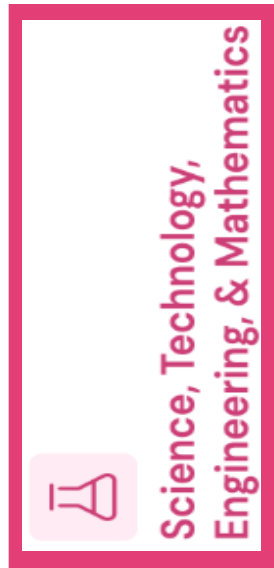
# PCLS Career Pathway Coursework Options

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|  <b>Manufacturing</b>                   | <b>HHS Elective Courses w/<br/>Career Credentialing*</b> <ul style="list-style-type: none"><li>• Certified Production Technician</li></ul>                        | <b>Auburn Career Center</b> <ul style="list-style-type: none"><li>• Advanced Manufacturing</li></ul>                | <b>Lakeland College Courses*</b> <ul style="list-style-type: none"><li>• Introduction to Machine-Tool Technology</li><li>• Manufacturing Shop Mathematics</li><li>• Machining Processes</li><li>• Programming CNC Lathes</li><li>• Programming CNC Machining Centers</li><li>• Manufacturing Methods and Costs</li><li>• Materials Processing</li><li>• Computer Numerical Control Part Programming (CNC)</li><li>• Introduction to Computer Assisted Part Programming</li><li>• Jig and Fixture Design I</li><li>• Engineering Mechanics I</li><li>• Strength of Materials</li><li>• Materials Technology</li><li>• Technical Communications</li><li>• Geometric Dimensioning and Tolerancing</li></ul> |
|  <b>Marketing, Sales,<br/>Service</b> | <b>HHS Elective Courses w/<br/>Career Credentialing*</b> <ul style="list-style-type: none"><li>• Digital Marketing</li><li>• Advanced Digital Marketing</li></ul> | <b>Auburn Career Center</b> <ul style="list-style-type: none"><li>• Marketing &amp; Business Applications</li></ul> | <b>Lakeland College Courses*</b> <ul style="list-style-type: none"><li>• Principles of Marketing</li><li>• Marketing of Services</li><li>• Advertising</li><li>• Direct and Internet Marketing</li><li>• International Marketing</li><li>• Real Estate Principles and Practices</li><li>• Real Estate Finance</li><li>• Real Estate Law</li><li>• Real Estate Appraisal</li></ul>                                                                                                                                                                                                                                                                                                                        |

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# PCLS Career Pathway Coursework Options



## Science, Technology, Engineering, & Mathematics

### HHS Elective Courses\*

- Statistics and Probability
- Fun Physics

### HHS AP/CCP\*

- AP Statistics
- Pre-calculus CCP
- AP Calculus
- AP Physics
- AP Biology
- AP Chemistry

### Auburn Career Center

- Technology Engineering & Design
- Network Security & Robotics

### Lakeland College Courses\*

- Introduction to Engineering Technology
- Engineering Co-Op Experience
- Introduction to Engineering
- Statics
- Dynamics
- Engineering Economic Cost Analysis
- Science and Engineering Physics I
- Science and Engineering Physics II
- Introduction to AutoCAD
- Advanced AutoCAD
- Introduction to SolidWorks
- Advanced SolidWorks



## Transportation, Distribution, & Logistics

### Auburn Career Center

- Automotive Collision Repair
- Automotive Technology

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