

# ***Personal Pathways to Success***

**2008-2009**



Building success beyond the classroom

**Schools of Study  
Career Clusters  
Majors**

(as of April 22, 2008)

**The School District of Pickens County  
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Easley, South Carolina 29640  
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## ***Personal Pathways to Success***

Across the United States far too many students leave high school before graduation unprepared to compete successfully in today's workforce. Educators, members of the business community, and legislators in South Carolina are aware of this and have taken a bold step to implement an innovative change in education by working together to pass legislation to improve achievement and better prepare students for the future.

The Education and Economic Development Act of 2005 mandates that the curricula in South Carolina's schools provide strong academics and that it is organized around a system of career clusters providing real-world problem solving skills. Schools are to provide "career-oriented choices and greater exposure to career information and opportunities" and "promote the involvement and cooperative effort of parents, teachers, and school counselors in assisting students in making choices, in setting goals, and in developing individual graduation plans to achieve these goals" (Section 59-59-20).

Each student will decide what he or she believes to be his or her calling in life and will plan to follow that calling through school to a profession in a Personal Pathway to Success, also known as an "Individual Graduation Plan." These plans are to be started in the eighth grade and updated each year after that. If a student's interests change, the plan will be updated to reflect those new interests.

Beginning in elementary schools, career awareness and exploration activities are integrated into the curriculum. Career interest inventories and information on clusters of study are provided in middle schools to assist students in their career decision making processes. "Before the end of the second semester of the eighth grade, eighth grade students in consultation with their parents, guardians or individuals appointed by parents or guardians to serve as their designee shall select a preferred cluster of study and develop an individual graduation plan" (Section 59-59-90). Skills necessary to succeed in the workplace are taught at all grade levels.

Each high school will begin to implement a career guidance program in 2007-2008 to "counsel students in the ninth and tenth grades to further define their career cluster goals and individual graduation plans, and before the end of the second semester of the tenth grade, tenth grade students shall have declared an area of academic focus within a cluster of study. Throughout high school, students must be provided guidance activities and career awareness programs that combine counseling on career options and experiential learning with academic planning to assist students in fulfilling their individual graduation plans" (Section 59-59-110).

An Individual Graduation Plan, or Personal Pathway to Success, is an educational plan specific to each student, which details the necessary courses the student needs to successfully complete to prepare for graduation and to transition into postsecondary education or the workplace. "An individual graduation plan must:

- (1) align career goals and a student's course of study;
- (2) be based on the student's selected cluster of study and an academic focus within that cluster;
- (3) include core academic subjects, which must include, but are not limited to, English, math, science, and social studies to ensure the requirements for graduation are met;

- (4) include experience-based, career oriented learning experiences including, but not limited to, internships, apprenticeships, mentoring, co-op education, and service learning;
- (5) be flexible to allow change in the course of study but be sufficiently structured to meet graduation requirements and admission to postsecondary education;
- (6) incorporate provisions of a student’s individual education plan, when appropriate; and
- (7) be approved by a certified guidance counselor and the student’s parents, guardians, or individuals appointed by parents or guardians to serve as their designee” (Section 59-59-140).

An important component of the clusters of study initiative is parental participation. Schools will schedule annual meetings with students, parents, guardians, or individuals appointed by the parents or guardians to facilitate the Individual Graduation Plan process and to allow students the flexibility to change direction (Section 59-59-160). An Individual Graduation Plan, IGP, is to include core academic courses, a cluster of study decided by the end of the eighth grade, an area of focus or a major in that cluster of study decided by the tenth grade, and postsecondary goals, such as two-year college, four-year college, the military, or other education or training.

All South Carolina students have the opportunity to have personal control of their futures. The Education and Economic Development Act, EEDA, gives them the right to put together educational plans to build futures that best suit their individual plans. The EEDA creates the Personal Pathways to Success system to help students exercise this right to successful futures and in doing so helps South Carolina to compete in a global economy by preparing needed world-class workers.

## ***Curriculum Framework***

A curriculum framework is a way of organizing the high school curriculum and allows schools to implement the Personal Pathways to Success system. The major parts of the School District of Pickens County’s curriculum framework are:

- Schools of Study**
- Career Clusters or Clusters of Study**
- Areas of Academic Focus or Majors**
- Individual Graduation Plan**
- Career-oriented Learning Experiences**

**Schools of Study** are a means of grouping the sixteen federal and state career clusters into broad program areas that relate to various academic areas of study and professions. The five schools of study in the School District of Pickens County’s curriculum framework are:

- School of Art & Communication
- School of Business Management & Information
- School of Engineering & Industrial Technologies
- School of Medical & Public Services
- School of Environmental & Agricultural Services

**Career Clusters** or **Clusters of Study** are more narrow categories that encompass various occupations from professional level to entry level that are related to each other. The sixteen federal and state career clusters within the Schools of Study are as follows:

School of Art & Communication

Arts, Audio Visual Technology & Communication  
Information Technology

School of Business Management & Information

Business Management and Administration  
Finance  
Hospitality and Tourism  
Marketing Sales and Service  
Finance

School of Engineering & Industrial Technologies

Architecture and Construction  
Manufacturing  
Science, Technology, Engineering, and Mathematics  
Transportation, Distribution, and Logistics

School of Medical & Public Services

Education and Training  
Health Science  
Human Services  
Government and Public Administration  
Law, Public Safety, and Security

School of Environmental and Agricultural Services

Agriculture Food & Natural Resources

Clusters of study contain **Areas of Academic Focus or Majors**. These majors are specializations or concentrations of coursework related to those majors and are outlined in the Curriculum Templates for the majors. To complete a major, a student must successfully finish at least four units of study that are recommended in that major. Complimentary coursework areas are also recommended, but not required for completion of the major. Students are asked to choose a cluster of study by the end of the eighth grade and then to select a major by the end of the tenth grade in order to focus their academic and work-based learning experiences to successfully reach their future career goals.

It is possible to complete more than one major if a student chooses to do so and plans wisely. Students are **never** locked into a major. If a student's area of interest changes, the student may change his or her career cluster and/or his or her major. The EEDA does require each student to choose a major by the end of the tenth grade, **but** the requirements for a South Carolina High School Diploma do not require that a student complete a major.

Each student begins the formalized process of planning for his or her future by completing an **Individual Graduation Plan** by the end of the eighth grade. This plan is updated yearly by the student with the help of parents or guardians and counselors. IGPs include all graduation requirements and college entrance requirements. Course recommendations for completing a major that aligns to the student's postsecondary education and workplace goals are included.

**Career-oriented Learning Experiences** or work-based learning experiences are outside the classroom experiences that relate to a career goal. These experiences may include, but are not limited to, job shadowing, mentoring, service learning, and/or internships.

## ***Frequently Asked Questions***

**What is a career cluster?** A career cluster is a category that groups various related careers together.

**When do I choose a career cluster?** Students must choose a career cluster by the end of the second semester of the eighth grade.

**Am I locked into the career cluster that I have chosen?** **No.** If a student's interests change, the career cluster that was chosen previously may be changed.

**When do I choose a major?** Students must choose a major by the end of the tenth grade; however, South Carolina does not require that a major be completed to earn a high school diploma.

**Am I locked into that major, and must I complete the major?** **No.** Students may change their chosen career clusters and/or majors if their interests and career goals change.

**Can I have more than one major?** Yes. Students may choose more than one major. With careful planning, both majors may be completed.

**Can I change my Individual Graduation Plan?** Yes. IGPs are reviewed annually and may be changed to reflect changes in career goals.

**Can I complete a major and take other courses such as fine arts, band, PE, ROTC, etc.?** Yes. Other areas of interest may be explored within the 32 possible course selections each student could make during the four years of high school. Majors exist in many of these areas also.

# School District of Pickens County



# Schools of Study (Current/**Future**)

| School of<br>Art<br>&<br>Communication   | School of<br>Business<br>Management &<br>Information   | School of<br>Engineering &<br>Industrial<br>Technologies   | School<br>of Medical &<br>Public Services  | School<br>of<br>Environmental &<br>Agricultural<br>Resources   |
|--|--|--|--|--|
| <p><b>Arts, Audio Visual Technology &amp; Communication</b></p> <ul style="list-style-type: none"> <li>English</li> <li>Graphic Communication</li> <li>History</li> <li>Journalism/Mass Communication</li> <li>Modern Languages</li> <li>Performing Arts</li> <li>Visual Arts</li> </ul> <p><b>Information Technology</b></p> <ul style="list-style-type: none"> <li>Interactive Media</li> <li><b>Network Systems</b></li> <li>Computer Service Technology</li> </ul> | <p><b>Finance</b></p> <ul style="list-style-type: none"> <li>Accounting</li> </ul> <p><b>Business Management and Administration</b></p> <ul style="list-style-type: none"> <li>Business Information Management</li> </ul> <p><b>Hospitality and Tourism</b></p> <ul style="list-style-type: none"> <li>Culinary Arts / Hospitality Services</li> <li><b>Travel &amp; Tourism</b></li> </ul> <p><b>Marketing Sales and Service</b></p> <ul style="list-style-type: none"> <li>Marketing and Public Relations</li> </ul> | <p><b>Architecture and Construction</b></p> <ul style="list-style-type: none"> <li>Carpentry</li> <li>Electricity</li> <li>Masonry</li> </ul> <p><b>Manufacturing</b></p> <ul style="list-style-type: none"> <li>Machine Technology</li> <li>Mechatronics</li> <li>Welding / Metal Working</li> </ul> <p><b>Science, Technology, Engineering, and Mathematics</b></p> <ul style="list-style-type: none"> <li>Mathematics</li> <li>Mechanical and Architectural Design</li> <li>Pre-engineering and Engineering Technology (PLTW)</li> <li>Science</li> <li>Biotechnology Research &amp; Development (PLTW)</li> </ul> <p><b>Transportation, Distribution, and Logistics</b></p> <ul style="list-style-type: none"> <li>Automotive Technology</li> <li><b>Health Safety &amp; Environmental Management</b></li> </ul> | <p><b>Human Services</b></p> <ul style="list-style-type: none"> <li>Cosmetology</li> <li>Early Childhood Development and Services</li> <li>Psychological and Counseling Services</li> </ul> <p><b>Education and Training</b></p> <ul style="list-style-type: none"> <li>Teaching and Training</li> </ul> <p><b>Government and Public Administration</b></p> <ul style="list-style-type: none"> <li>Civil Services</li> <li>Military Science</li> </ul> <p><b>Law, Public Safety, and Security</b></p> <ul style="list-style-type: none"> <li>Law Enforcement, Emergency Services, and Fire Management</li> <li>Legal Services</li> </ul> <p><b>Health Science</b></p> <ul style="list-style-type: none"> <li>Health Care Services</li> <li>Rehabilitation Specialists</li> </ul> | <p><b>Agriculture, Food, and Natural Resources</b></p> <ul style="list-style-type: none"> <li>Plant &amp; Animal Systems</li> <li>Horticulture</li> <li>Environmental &amp; Natural Resources</li> </ul> |
| <p><b>Interdisciplinary Studies</b></p> <ul style="list-style-type: none"> <li>Cross Cluster Majors *</li> </ul>   |  |  |  |  |

\* Programs may be customized to fit students' career goals and may contain courses from different cluster areas.



# The School District of Pickens County Curriculum Templates

## School of Art & Communication Cluster of Study: Arts, Audio Visual Technology & Communication Major: English

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)  | Complementary Coursework  | Extended Learning Opportunity Options Related to Major  |
|--|---|---|
| Fifth Unit of English<br>English 101-102 Δ≠<br>Southern Literature<br>Mythology 1, 2<br>Document Processing<br>Speech<br>Drama<br>Creative Writing | Graphic Communication<br>Fine Arts courses<br>Music courses<br>Modern Languages<br>Social Studies courses<br>SPC 205 (Public Speaking) Δ≠<br>Communications I (ENG 155) ≠ | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory |

|  |  |   |
|--|--|---|
| Journalism   |  | Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project |
| Possible Future Additions to Curriculum:<br>Playwriting<br>Ethnic Literature<br>Shakespeare<br>Short Stories<br>Advanced Composition<br>Vocabulary<br>Sports Journalism<br>Lyrical History |  |   |

| <b>Professional Opportunities Upon Graduation</b>  |   |  |
|--|---|--|
| For additional college entrance requirements, refer to the college of your choice.                                 |   |  |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>  | <b>4-Year Degree and Higher</b>  |
| Receptionist<br>Sales Associate<br>Library Assistant/Technician<br>Administrative Assistant<br>Court Administrator | Proofreader<br>Reporter<br>Technical Writer<br>Executive Secretary<br>Paralegal<br>Audio-Visual collection Specialist | Journalist<br>Public Relations Specialist<br>Educator<br>Writer/Editor<br>Attorney<br>Archivist<br>Reporter<br>Media Specialist<br>Author<br>Newscaster<br>Public Relations Specialist<br>Radio/TV Announcer |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Art & Communication Cluster of Study: Arts, Audio Visual Technology & Communication Major: Graphic Communication

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)  | Complementary Coursework   | Extended Learning Opportunity Options Related to Major   |
|--|--|--|
| Introduction to Graphic Communication (1 unit)<br>Graphic Communication 1 (2 unit)<br>Graphic Communication 2 (2 unit)<br>Graphic Communication 3 (2 unit) | Art courses<br>Journalism courses<br>Modern Languages<br>Foods and Nutrition<br>Fashion, Fabric and Design<br>Creative Writing<br>Fifth Unit of English<br>Multimedia<br>Desktop Publishing<br>Photography | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations |

|  |  |                |
|--|--|----------------|
|  | Web Page Design<br>English 101-102 Δ≠<br>Communications I (ENG 155 )≠<br>CPT 170 (Microcomputer<br>Applications) ≠ | Senior project |
|--|--|----------------|

| <b>Professional Opportunities Upon Graduation</b>   |  |  |
|---|--|--|
| For additional college entrance requirements, refer to the college of your choice.  |  |  |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b>  |
| Graphic/Printing Equipment Operator<br>Computer Support Technician<br>Desktop Publishing Specialist<br>Photographer<br>Video Designer<br>Job Printer<br>Press Operator<br>Photoengraver<br>Bookbinder<br>Bindery Worker<br>Screen Printing Machine Worker | Commercial Photographer<br>Web Page Designer<br>Commercial Graphics Technician<br>Video Editor<br>Director | Cinematographer<br>Graphic Designer<br>Commercial Artist<br>Technical Writer<br>Advertising Director<br>Editor<br>Exhibit Designer |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Art & Communication Cluster of Study: Arts, Audio Visual Technology & Communication Major: History

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)  | Complementary Coursework  | Extended Learning Opportunity Options Related to Major   |
|--|---|--|
| World Geography<br>World History<br>Military History<br>AP US History ✓<br>European History<br>Current Events<br>Western Civilization<br>Civics<br>Law Education | Modern Languages<br>JROTC<br>Civic Responsibility<br>Fine Arts courses<br>HIS 101, HIS 102 Δ≠ | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory |

|   |  |                                      |
|---|--|--------------------------------------|
| AP History Courses<br>Environmental Studies<br><br>Possible Future Additions to Curriculum:<br>SC History<br>Anthropology<br>Archaeology<br>Bible<br>African-American Studies<br>Ethnic Studies |  | SCOIS explorations<br>Senior project |
|---|--|--------------------------------------|

| <b>Professional Opportunities Upon Graduation</b>  |   |   |
|--|---|---|
| For additional college entrance requirements, refer to the college of your choice.         |   |   |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>  | <b>4-Year Degree and Higher</b>   |
| Military Specialist<br>Sales Associate<br>Receptionist<br>Flight Attendant<br>Mail Carrier | Court Reporter<br>Social and Human Services Assistant<br>Law Enforcement Officer<br>Teacher's Aide<br>Legal Secretary | Educator<br>Journalist<br>City Manager<br>Criminologist<br>Public Relations Specialist<br>Writer/Author<br>Archivist<br>Curator |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus.  
 Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Art & Communication Cluster of Study: Arts, Audio Visual Technology & Communication Major: Journalism / Mass Communication

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)   | Complementary Coursework  | Extended Learning Opportunity Options Related to Major   |
|---|---|--|
| Speech<br>Journalism courses<br>Creative Writing<br>AP Language and Composition √<br>Multimedia<br>Photography<br>Honors English 3, 4, AP √<br>Broadcast Journalism | Modern Languages<br>Current Events<br>Fine Arts courses<br>Social Studies courses<br>Family Life Education<br>Graphic Communication courses<br>Drama courses<br>English 101-102 Δ≠<br>Communications I (ENG 155) ≠<br>CPT 170 (Microcomputer) | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations |

|  |                 |                |
|--|-----------------|----------------|
|  | Applications) ≠ | Senior project |
|--|-----------------|----------------|

| <b>Professional Opportunities Upon Graduation</b>  |   |  |
|--|---|--|
| For additional college entrance requirements, refer to the college of your choice.   |   |  |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>  | <b>4-Year Degree and Higher</b>  |
| Broadcast Technician<br>Administrative Assistant<br>General Office Clerk<br>Police Officer<br>Real Estate Sales Agent<br>Bookbinder<br>Bindery Worker<br>Job Printer<br>Letterpress Operator<br>Offset Lithograph Press Operator<br>Photoengraver<br>Photographic Process Worker<br>Printing Press Operator<br>Printing Stripper | Technical<br>Writer/Director/Manager<br>Proofreader<br>Broadcast Technician<br>Public Relations Specialist<br>TV Reporter<br>Photographer<br>Sound Engineering Technician<br>Audio-Visual Collections<br>Specialist | Journalist<br>News Anchor<br>Station Manger<br>Public Relations Specialist<br>Public Administrator<br>Radio/TV Announcer |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus.  
Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Art & Communication Cluster of Study: Arts, Audio Visual Technology & Communication Major: Modern Languages

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                               |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry<br>Algebra 2 CP/H      | Math Tech 3<br>Algebra 2<br>Pre-Calculus CP/H                                      | Calculus H<br>AP Calculus AB<br>AP Calculus BC   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit)<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)                                  | Complementary Coursework   | Extended Learning Opportunity Options Related to Major  |
|--|--|---|
| Spanish 2, 3, 4<br>French 2, 3, 4<br>Speech<br>German 2, 3, 4<br>AP Language courses | Other Modern Languages<br>World Geography<br>Foods and Nutrition<br>JROTC<br>Fine Arts courses<br>English Elective courses | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing |

|  |  |   |
|--|--|---|
| Possible Future Additions to Curriculum:<br>Latin<br>Russian<br>Japanese<br>Chinese<br>Sign Language | English 101-102 Δ≠<br>SPC 205 (Public Speaking) Δ≠<br>Communications I (ENG 155) ≠ | Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project |
|--|--|---|

| <b>Professional Opportunities Upon Graduation</b>  |  |  |
|--|--|--|
| For additional college entrance requirements, refer to the college of your choice.                 |  |  |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b>  |
| Tour Guide<br>Military Specialist<br>Sales Associate<br>Real Estate Sales Agent<br>Waiter/Waitress | Travel Agent<br>Customer Service Representative<br>Flight Attendant<br>Hotel Manager<br>Teacher's Aide | Educator<br>Language<br>Translator/interpreter<br>International Business<br>Military Intelligence<br>Writer/Editor |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Art & Communication Cluster of Study: Arts, Audio Visual Technology & Communication Major: Performing Arts

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry<br>Algebra 2 CP/H      | Math Tech 3<br>Algebra 2<br>Pre-Calculus CP/H                                      | Calculus H<br>AP Calculus AB<br>AP Calculus BC   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)                                    | Complementary Coursework  | Extended Learning Opportunity Options Related to Major  |
|--|---|---|
| Drama 3, 4<br>Band 2, 3, 4<br>Chorus 2, 3, 4<br>Orchestra 2, 3, 4<br>Speech<br>Strings | Social Studies courses<br>Modern Languages<br>Carpentry<br>Cosmetology<br>Foods and Nutrition | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing |

|   |   |   |
|---|---|---|
| Film Criticism<br>Music Appreciation<br>AP Language courses<br>Piano<br><br>Possible Future Additions to Curriculum:<br>Dance<br>Ballet<br>Set Design<br>Stage Makeup<br>Stage Technology<br>Music, Movies, and the Media | Fashion, Fabric and Design<br>Fine Arts courses<br>SPC 205 (Public Speaking) $\Delta\neq$<br>SPC 210 (Oral Interpretation of Literature) $\Delta\neq$ | Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project |
|---|---|---|

| <b>Professional Opportunities Upon Graduation</b><br>For additional college entrance requirements, refer to the college of your choice. |  |   |
|---|--|---|
| High School Diploma   | 2-Year Associate Degree  | 4-Year Degree and Higher  |
| Actor<br>Singer<br>Musician<br>Designer<br>Photographer<br>Usher/Ticket Taker<br>Radio Operator   | Set Design Technician<br>Sound/Lighting Technician<br>Theater Manager<br>Clothes Designer<br>Interior Decorator<br>Composer<br>Dancer<br>Movie/TV Camera Operator<br>Film/Video Editor<br>Choreographer<br>Makeup Artist<br>Set/Costume Designer | Educator<br>Set Designer<br>Music Therapist<br>Director/Producer<br>Editor<br>Music Director<br>Music Therapist |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- $\Delta$  Statewide University Transfer Agreement (Public Institutions)
- $\neq$  Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Art & Communication Cluster of Study: Arts, Audio Visual Technology & Communication Major: Visual Arts

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)   | Complementary Coursework  | Extended Learning Opportunity Options Related to Major   |
|---|---|--|
| Photography<br>Art 2, 3, 4<br>Web Design<br>Computer Art<br>Art Appreciation<br>AP Art Courses<br>Additional Fine Arts Unit<br><br>Possible Future Additions to the | Fine Arts courses<br>Modern Languages<br>Graphic Communications courses<br>Foods and Nutrition<br>Fashion, Fabric and Design<br>Social Studies Courses<br>ART 101 Art History and Appreciation Δ≠<br>ARV 121 (Design) ≠ | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory |

|   |   |                                      |
|---|---|--------------------------------------|
| Curriculum:<br>Electronic Photo and Video<br>Production | CPT 170 (Microcomputer<br>Applications) ≠ | SCOIS explorations<br>Senior project |
|---|---|--------------------------------------|

| <b>Professional Opportunities Upon Graduation</b>                                  |   |   |
|--|---|---|
| For additional college entrance requirements, refer to the college of your choice. |   |   |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>  | <b>4-Year Degree and Higher</b>   |
| Designer<br>Photographer<br>Screen Printing Machine Operator                       | Set Design Technician<br>Sound/Lighting Technician<br>Theater Manager<br>Clothes Designer<br>Interior Decorator<br>Photographer<br>Exhibit Designer | Educator<br>Set Designer<br>Music Therapist<br>Director<br>Editor<br>Commercial Art Director<br>Commercial/Industrial<br>Designer |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus.  
Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Art & Communication Cluster: Information and Technology Major: Interactive Media

| Required Core for Graduation   | Sample Core Choices   |  |  |  |
|--|---|--|--|--|
|  | For additional college entrance requirements, refer to the college of your choice.  |  |  |  |
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)  | Complementary Coursework   | Extended Learning Opportunity Options Related to Major  |
|--|--|---|
| Multimedia<br>Web Page Design and Development 1<br><br>Plus one or more of the following:<br>Computer Applications<br>Computer Programming | Visual Arts courses<br>Music courses<br>Fine Arts courses<br>Creative Writing<br>Journalism/Yearbook<br>ARV 121 (Design) ≠<br>CPT 170 (Microcomputer | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory |

|                     |  |   |
|---------------------|--|---|
| Desk Top Publishing | Applications) ≠<br>IST 225 (Internet Communications) ≠<br>Modern Languages | Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project |
|---------------------|--|---|

| <b>Professional Opportunities Upon Graduation</b>                                  |  |   |
|--|--|---|
| For additional college entrance requirements, refer to the college of your choice. |  |   |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b>   |
| Marketing Research Analyst<br>Data Entry Clerk<br>Sales Agent                      | Web Page Designer<br>Production Assistant<br>Video Game Designer<br>Animator | Web Master<br>Media Specialist<br>Producer<br>Computer Software Systems Engineer<br>Animation Designer<br>Software Designer |

- \* Course selection will depend on satisfying prerequisites.
- + College credit articulated through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Art & Communication Cluster of Study: Information Technology Major: Computer Service Technology

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)   | Complementary Coursework              | Extended Learning Opportunity Options Related to Major   |
|---|---------------------------------------|--|
| Computer Service Technology 1 (2 units)<br>Computer Service Technology 2 (2 units)<br>Computer Service Technology 3 (2 units)<br>Networking 1 (2 Units) | Fine Arts courses<br>Modern Languages | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory |

|  |  |                                      |
|--|--|--------------------------------------|
|  |  | SCOIS explorations<br>Senior project |
|--|--|--------------------------------------|

| <b>Professional Opportunities Upon Graduation</b>                                  |  |  |
|--|--|--|
| For additional college entrance requirements, refer to the college of your choice. |  |  |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b>  |
| Computer Service Technician (w/A+ Certification)<br>Computer Support Specialist    | Electronic Service Technician<br>Computer Service Technician<br>Electrician<br>Computer Network Specialist | Computer Engineer<br>Electrical Engineer<br>Mechanical Engineer<br>Industrial Engineer |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Business Management & Information Cluster: Finance Major: Accounting

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)   | Complementary Coursework   | Extended Learning Opportunity Options Related to Major   |
|---|--|--|
| Accounting 1<br>Accounting 2<br><u>Plus two or more of the following:</u><br>Business and Personal Finance<br>Business Computer Mathematics | Keyboarding<br>Computer Applications<br>Psychology<br>Leadership<br>Family Life Education<br>Fine Arts / Modern Languages<br>Law Education<br>Multimedia | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations |

|  |   |   |
|--|---|---|
|  | ACC 101 (Accounting Principles) Δ≠<br>PSY 201 (General Psychology) Δ≠<br>BUS 101 (Intro to Business) ≠<br>CPT 170 (Microcomputer Applications) ≠<br>SPC 205(Public Speaking) Δ≠<br><br>Possible Future Additions to Curriculum:<br>Technical Writing<br>Business and Electronic Communications<br>Virtual Enterprise<br>Intro to Business and Marketing<br>International Business and Marketing<br>Business Law<br>E-Commerce<br>Entrepreneurship | Senior project<br>Student Council / Club Leadership |
|--|---|---|

| <b>Professional Opportunities Upon Graduation</b>   |   |   |
|---|---|---|
| For additional college entrance requirements, refer to the college of your choice.  |   |   |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>  | <b>4-Year Degree and Higher</b>   |
| Records Associate<br>Administrative Assistant<br>Bank Teller<br>Bill and Account Collector<br>Credit Checker<br>Accounting Clerk<br>Loan Interviewer/Clerk<br>New Accounts Clerk<br>Procurement Clerk<br>Insurance Processing Clerk | Accounts Payable Clerk<br>Brokerage Clerk<br>Credit Analyst<br>Financial Services Sales Agent<br>Financial Examiner<br>Financial Manager<br>Loan Counselor<br>Payroll Clerk<br>Insurance Sales Agent/Broker<br>Insurance Claim Examiner<br>Office Manager | Stock Broker<br>Auditor<br>Tax Specialist<br>Loan Officer<br>Teacher/Professor<br>Analyst<br>Economist<br>Financial Analyst<br>City Manager<br>Actuary<br>Chief Financial Officer/Treasurer/Controller<br>Sales Agent Securities and Commodities<br>Tax Examiner/Revenue Agent<br>Personal Financial Manager<br>Insurance Underwriter |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Business Management & Information Cluster: Business Management and Administration Major: Business Information Management

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)  | Complementary Coursework  | Extended Learning Opportunity Options Related to Major   |
|--|---|--|
| Web Page Design and Development 1 (½ cr)<br>Desktop Publishing (½ cr)<br>Web Page Design and Development 2 (½ cr)<br><u>Plus the following:</u><br>Multimedia (½ cr)<br>Integrated Business Applications (1cr) | Business and Personal Finance<br>Keyboarding<br>Computer Applications<br>Psychology<br>Leadership<br>Family Life Education<br>Fine Arts / Modern Languages<br>Law Education | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations |

|                                    |   |   |
|------------------------------------|---|---|
| Digital Imaging 1 and 2 (1 credit) | ACC 101 (Accounting Principles) Δ≠<br>PSY 201 (General Psychology) Δ≠<br>BUS 101 (Intro to Business) ≠<br>CPT 170 (Microcomputer Applications) ≠<br>SPC 205(Public Speaking) Δ≠<br><br>Possible Future Additions to Curriculum:<br>Technical Writing<br>Business and Electronic Communications<br>Virtual Enterprise<br>Intro to Business and Marketing<br>International Business and Marketing<br>E-Commerce<br>Entrepreneurship | Senior project<br>Student Council / Club Leadership |
|------------------------------------|---|---|

| <b>Professional Opportunities Upon Graduation</b>   |   |  |
|---|---|--|
| For additional college entrance requirements, refer to the college of your choice.  |   |  |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>  | <b>4-Year Degree and Higher</b>  |
| Records Associate<br>Administrative Assistant<br>Bank Teller<br>Bill and Account Collector<br>Credit Checker<br>Accounting Clerk<br>Loan Interviewer/Clerk<br>New Accounts Clerk<br>Procurement Clerk<br>Insurance Processing Clerk | Accounts Payable Clerk<br>Brokerage Clerk<br>Credit Analyst<br>Financial Services Sales Agent<br>Financial Examiner<br>Financial Manager<br>Loan Counselor<br>Payroll Clerk<br>Insurance Sales Agent/Broker<br>Insurance Claim Examiner<br>Office Manager | Stock or Commodity Broker<br>Auditor<br>Tax Specialist<br>Loan Officer<br>Teacher/Professor<br>Analyst<br>Economist<br>Financial Analyst<br>City Manager<br>Actuary<br>Chief Financial Officer/Treasurer/Controller<br>Sales Agent Securities and Commodities<br>Tax Examiner/Revenue Agent<br>Personal Financial Manager<br>Insurance Underwriter |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Business Management & Information Cluster: Hospitality and Tourism Major: Culinary Arts/Hospitality Services

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)   | Complementary Coursework   | Extended Learning Opportunity Options Related to Major  |
|---|--|---|
| Culinary Arts 1 (2 units)<br>Culinary Arts 2 (2 units)<br>Food Science and Dietetics (2 units)<br><br>Possible Future Additions to Curriculum:<br>Intro. To Hospitality Management and Operations | Visual Arts courses<br>Fine Arts courses<br>Modern Languages<br>Child Development<br>Foods and Nutrition<br>Family Life Education<br>Multimedia<br>Business and Personal Finance | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory |

|                                       |  |   |
|---------------------------------------|--|---|
| Hospitality Management and Operations | Document Processing<br>Leadership<br>Psychology<br>Accounting<br>Computer Applications<br>Speech<br>CPT 170 (Microcomputer Applications) ≠<br>ACC 101 (Accounting Principles) Δ≠<br>PSY 201 (General Psychology) Δ≠<br>SPC 205(Public Speaking) Δ≠ | Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project<br>Part time job<br>Student Council |
|---------------------------------------|--|---|

| <b>Professional Opportunities Upon Graduation</b>   |  |  |
|---|--|--|
| For additional college entrance requirements, refer to the college of your choice.  |  |  |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b>  |
| Housekeeping Services<br>Maid/Cleaner<br>Host/Hostess<br>Food Counter Worker<br>Hotel/Motel Clerk<br>Food Preparation Worker<br>Kitchen Helper/Dishwasher | Event Planner<br>Tour guide<br>Chamber of Commerce Associate<br>Chef<br>Food Science Technician<br>Housekeeping Supervisor | Restaurant Owner<br>SC Parks, Recreation and Tourism Associate<br>Food Services Manager<br>Hotel/Motel Manager<br>Meetings and Convention Planner<br>Food Quality Researcher<br>Sensory Evaluator<br>New Product Researcher and Developer<br>Dietician or Nutritionist |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus.  
Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Business Management & Information Cluster: Marketing Sales and Service Major: Marketing and Public Relations

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| <b>Required Units for Major</b><br>(Four credits required)  | <b>Complementary Coursework</b>   | <b>Extended Learning Opportunity Options Related to Major</b>  |
|---|---|--|
| Speech<br>Sports and Entertainment Marketing<br>Multimedia (½ unit)<br>Creative Writing 1 & 2<br>Journalism/Year Book<br>Document Processing (½ unit)<br>Desktop Publishing<br><br>Possible Future Additions to Curriculum:<br>Advertising<br>Interior Design<br>Advertising Design<br>Fashion Merchandising<br>Marketing<br>Global Markets | Psychology<br>Sociology<br>Accounting<br>Modern Languages<br>Fine Arts courses<br>Child Development<br>Family Life Education<br>Visual Arts<br>Drama<br>Leadership<br>SPC 205(Public Speaking) Δ≠<br>PSY 201 (General Psychology) Δ≠<br>SOC 101 (Intro to Sociology) Δ≠<br>CPT 170 (Microcomputer Applications) ≠<br>ACC 101 (Accounting Principles) Δ≠ | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project<br>Year Book (Leadership role)<br>Media Center Teacher Assistant<br>Student Council |

| <b>Professional Opportunities Upon Graduation</b>                                      |   |  |
|--|---|--|
| For additional college entrance requirements, refer to the college of your choice.     |   |  |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>  | <b>4-Year Degree and Higher</b>  |
| Telemarketer<br>Job Printer<br>Screen Printing Machine Worker<br>Warehouse Stock Clerk | Marketing Assistant<br>Exhibit Designer<br>Graphic Designer<br>Photoengraver<br>Photographer<br>Statistical Assistant | Copy Writer<br>Marketing Director<br>Commercial Art Director<br>Public Relations Specialist<br>Statistician<br>Market Research Analyst |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Engineering & Industrial Technologies Cluster of Study: Architecture and Construction Major: Carpentry

| Required Core for Graduation   | Sample Core Choices   |  |  |  |
|--|---|--|--|--|
|  | For additional college entrance requirements, refer to the college of your choice.  |  |  |  |
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)                     | Complementary Coursework  | Extended Learning Opportunity Options Related to Major  |
|---|---|---|
| Carpentry 1 (2 Units)<br>Carpentry 2 (2 Units)<br>Carpentry 3 (2 Units) | Introduction to Construction:<br>Carpentry (1 unit)<br>Modern Languages<br>Visual Arts courses<br>Computer-Aided Design + | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing |

|   |  |   |
|---|--|---|
| Possible Future Addition to Curriculum:<br>Cabinet Making | Probability & Statistics<br>Architectural Design | Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project |
|---|--|---|

| <b>Professional Opportunities Upon Graduation</b>   |   |  |
|---|---|--|
| For additional college entrance requirements, refer to the college of your choice.  |   |  |
| <b>High School Diploma</b><br>Drywall Installer<br>Roofer<br>Plasterer<br>Carpenter Helper<br>Construction Laborer<br>Renovator/Remodeler | <b>2-Year Associate Degree</b><br>Contractor<br>Construction Specialist<br>General/Finished Carpenter<br>Construction and Building Inspector<br>Cabinet Maker | <b>4-Year Degree and Higher</b><br>Architect<br>Construction Project Manager<br>Civil Engineer |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Engineering & Industrial Technologies Cluster of Study: Architecture and Construction Major: Electricity

| Required Core for Graduation   | Sample Core Choices   |  |  |  |
|--|---|--|--|--|
|  | For additional college entrance requirements, refer to the college of your choice.  |  |  |  |
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)                               | Complementary Coursework   | Extended Learning Opportunity Options Related to Major   |
|---|--|--|
| Electricity 1 (2 units)<br>Electricity 2 + (2 units)<br>Electricity 3 + (2 units) | Introduction to Construction: Electricity (1 unit)<br>Modern Languages<br>Visual Arts courses<br>Computer-Aided Design +<br>Probability & Statistics | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory |

|  |  |                                      |
|--|--|--------------------------------------|
|  |  | SCOIS explorations<br>Senior project |
|--|--|--------------------------------------|

| <b>Professional Opportunities Upon Graduation</b>  |   |                                 |
|--|---|---------------------------------|
| For additional college entrance requirements, refer to the college of your choice.   |   |                                 |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>                                    | <b>4-Year Degree and Higher</b> |
| Electric Meter Installer/Repairer<br>Electrical Equipment Assembler<br>Electrical Repairer<br>Electrical Helper<br>Electric Power line<br>Installer/Repairer | Electrical Engineering Technician<br>Electrician<br>Electrical er | Electrical Engineer             |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Engineering & Industrial Technologies Cluster of Study: Architecture and Construction Major: Masonry

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Courses for Major<br>(Four credits required)             | Complementary Coursework  | Extended Learning Opportunity Options Related to Major   |
|---|---|--|
| Masonry 1 (2 units)<br>Masonry 2 (2 units)<br>Masonry 3 (2 units) | Introduction to Construction:<br>Masonry (1 unit)<br>Modern Languages<br>Visual Arts courses<br>Computer-Aided Design +<br>Probability & Statistics<br>Architectural Design | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory |

|  |  |                                      |
|--|--|--------------------------------------|
|  |  | SCOIS explorations<br>Senior project |
|--|--|--------------------------------------|

| <b>Professional Opportunities Upon Graduation</b>  |   |   |
|--|---|---|
| For additional college entrance requirements, refer to the college of your choice.   |   |   |
| <b>High School Diploma</b><br>Stone Mason<br>Brick Mason<br>Glazier<br>Ceiling Tile Installer<br>Tile and Marble Setter<br>Cement Mason/Concrete Mason<br>Plasterer/Stucco Mason<br>Construction Laborer<br>Drywall Installer/Finisher | <b>2-Year Associate Degree</b><br>Construction Supervisor<br>Cost Estimator | <b>4-Year Degree and Higher</b><br>Construction Manager |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Engineering & Industrial Technologies Cluster of Study: Manufacturing Major: Machine Technology

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)  | Complementary Coursework  | Extended Learning Opportunity Options Related to Major   |
|--|---|--|
| Machine Technology 1 (2 units)<br>Machine Technology 2 (2 units)<br>Machine Technology 3 (2 units) | Introduction to Manufacturing:<br>Machine Technology (1 unit)<br>Mechanical & Architectural Design courses<br>Fine Arts courses<br>Welding courses<br>EET 113 (Electrical Circuits) +<br>Modern Languages | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory |

|  |  |                                      |
|--|--|--------------------------------------|
|  |  | SCOIS explorations<br>Senior project |
|--|--|--------------------------------------|

| <b>Professional Opportunities Upon Graduation</b>   |  |   |
|---|--|---|
| For additional college entrance requirements, refer to the college of your choice.  |  |   |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b>   |
| Production Machine Operator<br>Tool Machine Setter/Operator<br>Electric Motor Assembler/Repairer<br>Electromechanical Equipment Assembler<br>Extruder and Forming Machine Worker<br>Inspector/Tester<br>Machine Assembler<br>Machinery Maintenance Worker<br>Metal Molding/Casting Machine Operator | Machinist<br>CNC Operator<br>Manufacturing Machinery Technician<br>Tool & Die Maker<br>Electrical Engineering Technician<br>Electronics Engineering Technician<br>Mechanics and Repairers<br>Supervisor<br>Production Supervisor | Design Engineer<br>Manufacturing Engineer<br>Metallurgist<br>Quality Control Engineer |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate by TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- △ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Engineering & Industrial Technologies Cluster of Study: Manufacturing Major: Mechatronics

| Required Core for Graduation   | Sample Core Choices   |  |  |  |
|--|---|--|--|--|
|  | For additional college entrance requirements, refer to the college of your choice.  |  |  |  |
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)  | Complementary Coursework   | Extended Learning Opportunity Options Related to Major   |
|--|--|--|
| Mechatronics Integrated Technologies 1 (2 units)<br>Mechatronics Integrated Technologies 2 Honors (2 units)<br>Mechatronics Integrated Technologies 3 Honors (2 units) | Introduction to Manufacturing Technology: Mechatronics (1 unit)<br>Computer Integrated Manufacturing Systems<br>Digital Electronics +<br>Core Electronics courses<br>Fine Arts courses<br>Machine Technology courses | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory |

|  |                                     |                                      |
|--|-------------------------------------|--------------------------------------|
|  | Welding courses<br>Modern Languages | SCOIS explorations<br>Senior project |
|--|-------------------------------------|--------------------------------------|

| <b>Professional Opportunities Upon Graduation</b>   |  |  |
|---|--|--|
| For additional college entrance requirements, refer to the college of your choice.  |  |  |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b>  |
| Maintenance Assistant<br>Electrical Helper<br>Engine/Machine Assembler<br>General Maintenance Repairer<br>Industrial Machine Mechanic | Maintenance Machinist<br>Maintenance Supervisor<br>Electrician<br>Industrial Engineering Technician<br>Machinist | Director of Maintenance Operations<br>Mechanical Engineer<br>Industrial Engineer |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Engineering & Industrial Technologies Cluster of Study: Manufacturing Major: Welding Technology / Metal Working

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                |  |  |  |
|--|--|--|--|--|
|  | 9  | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H  | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H  | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H  | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H   | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit)+<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)  | Complementary Coursework  | Extended Learning Opportunity Options Related to Major   |
|--|---|--|
| Welding Technology 1 + (2 units)<br>Welding Technology 2 + (2 units)<br>Welding Technology 3 + (2 units) | Introduction to Manufacturing Technology: Welding (1 unit)<br>Visual Arts courses<br>Modern Languages<br>Probability & Statistics | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory |

|  |  |                                      |
|--|--|--------------------------------------|
|  |  | SCOIS explorations<br>Senior project |
|--|--|--------------------------------------|

| <b>Professional Opportunities Upon Graduation</b>                                  |   |   |
|--|---|---|
| For additional college entrance requirements, refer to the college of your choice. |   |   |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>                                    | <b>4-Year Degree and Higher</b>                                       |
| Welder Helper<br>Welder<br>Cutter<br>Welding Machine Operator                      | Pipeline Welder<br>Metal Fabricator/Welder<br>Construction Welder | Construction Project Manager<br>Civil Engineer<br>Mechanical Engineer |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- △ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Engineering & Industrial Technologies Cluster of Study: Science, Technology, Engineering, and Mathematics Major: Mathematics

| Required Core for Graduation   | Sample Core Choices   |  |  |  |
|--|---|--|--|--|
|  | For additional college entrance requirements, refer to the college of your choice.  |  |  |  |
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)   | Complementary Coursework  | Extended Learning Opportunity Options Related to Major  |
|---|---|---|
| Honors Algebra 2<br>Honors Pre-Calculus<br>Honors Calculus or AP Calculus ✓<br>Probability & Statistics<br>Computer Programming 1 – C ++<br>Computer Mathematics – Pascal | Modern Languages<br>Physics<br>Chemistry<br>Computer-Aided Design courses<br>Project Lead the Way courses +<br>Business courses | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory |

|   |   |   |
|---|---|---|
| Accounting 1, 2<br><br>Possible Future Additions to Curriculum:<br>Discrete Math<br>Advanced Functions and Modeling<br>Math for Financial Success | ACC 101 (Accounting Principles) $\Delta\neq$<br>Information Technology courses<br>CPT 170 (Microcomputer Applications) $\neq$<br>MAT 110 (College Algebra) $\neq\Delta$ | Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project |
|---|---|---|

| <b>Professional Opportunities Upon Graduation</b>   |   |  |
|---|---|--|
| For additional college entrance requirements, refer to the college of your choice.                                |   |  |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>  | <b>4-Year Degree and Higher</b>  |
| Bank Teller<br>Accounts Clerk<br>Bookkeeper<br>Inventory Controller<br>Cost Estimator<br>Buyer<br>Insurance Agent | Accountant<br>Tax Preparer<br>Computer Programmer<br>Financial Manager<br>Data Analyst<br>Animator<br>Appraiser<br>Air Traffic Controller<br>Surveyor | Certified Public Accountant<br>Stock Broker<br>Educator<br>Statistician<br>Analyst<br>Marketing and Sales Consultant<br>Engineer<br>Scientist<br>Researcher<br>Operations Research Analyst |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate in TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- $\Delta$  Statewide University Transfer Agreement (Public Institutions)
- $\neq$  Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Engineering & Industrial Technologies Cluster of Study: Science, Technology, Engineering, and Mathematics Major: Mechanical and Architectural Design

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)  | Complementary Coursework   | Extended Learning Opportunity Options Related to Major   |
|--|--|--|
| Mechanical Design 1 (2 units)<br>Mechanical Design 2 + (2 units)<br>Architectural Design 1 (2 units) | Computer-Aided Design + (1 unit)<br>Modern Languages<br>Visual Arts courses<br>Family and Consumer Education courses<br>CPT 170 (Microcomputer Applications) ≠ | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory |

|  |  |                                      |
|--|--|--------------------------------------|
|  |  | SCOIS explorations<br>Senior project |
|--|--|--------------------------------------|

| <b>Professional Opportunities Upon Graduation</b>                                  |   |                                  |
|--|---|----------------------------------|
| For additional college entrance requirements, refer to the college of your choice. |   |                                  |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>                                    | <b>4-Year Degree and Higher</b>  |
| Model Builder<br>Coast Estimator<br>Surveyor's Helper                              | Mechanical Engineering Technician<br>Architectural er<br>Surveyor | Architect<br>Mechanical Engineer |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Engineering & Industrial Technologies Cluster of Study: Science, Technology, Engineering, and Mathematics Major: Pre-Engineering and Engineering Technology (PLTW)

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)   | Complementary Coursework  | Extended Learning Opportunity Options Related to Major  |
|---|---|---|
| Introduction to Engineering Design + (1 unit)<br>Digital Electronics + (1 unit)<br>Principles of Engineering + (1 unit)<br>Computer Integrated Manufacturing Systems (1 unit) | AP Calculus ✓<br>AP Physics ✓<br>AP Biology ✓<br>AP Chemistry ✓<br>Modern Languages<br>Probability & Statistics | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory |

|  |   |   |
|--|---|---|
| Engineering Design & Development +<br>Systems (1 unit) | Computer Programming courses<br>CPT 170 (Microcomputer<br>Applications) ≠<br>Building Construction courses<br>Machine Technology courses<br>Presentation Skills | Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project |
|--|---|---|

| <b>Professional Opportunities Upon Graduation</b>   |   |  |
|---|---|--|
| For additional college entrance requirements, refer to the college of your choice.  |   |  |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>  | <b>4-Year Degree and Higher</b>  |
| Technician<br>Technical Illustrator<br>Estimator<br>Military Specialty Training<br>Quality Control<br>Electrical/Electronics Installer<br>Electrical/Electronics Repairer | Architectural Engineering<br>Technician<br>Civil Engineering Technician<br>Engineering Design Technician<br>Electrical Engineering Technician<br>Survey Technician<br>Robotics Technician | Engineer - Aerospace, Biomedical,<br>Ceramics, Civil, Electrical,<br>Environmental, Industrial,<br>Mechanical<br>Educator<br>Architect |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- △ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Engineering & Industrial Technologies Cluster of Study: Science, Technology, Engineering, and Mathematics Major: Science

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)   | Complementary Coursework  | Extended Learning Opportunity Options Related to Major  |
|---|---|---|
| Astronomy<br>Anatomy & Physiology<br>Biology 2<br>AP Biology ✓<br>Chemistry 2<br>Environmental Studies<br>Introduction to Biotechnology & | Mathematics courses<br>Modern Languages<br>Writing courses<br>Fine Arts courses<br>Child Development<br>Horticulture courses<br>Agricultural Technology courses | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory |

|  |   |   |
|--|---|---|
| Genomics<br>AP Chemistry ✓<br>AP Physics ✓<br>Earth Science<br><br>Possible Future Additions to Curriculum:<br>Research Science<br>Forensic Science<br>Aviation Science<br>Physics of Sports<br>Marine Science<br>Wildlife Biology and Management<br>Botany and Entomology<br>Astrophysics<br>Meteorology and Climatology<br>Geology | Health Science Technology courses<br>Anatomy-Based Medical Terminology<br>AHS 102 (Med Vocabulary) ≠<br>CHM 110 ( College Chemistry) Δ≠ | Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project |
|--|---|---|

| <b>Professional Opportunities Upon Graduation</b>   |   |  |
|---|---|--|
| For additional college entrance requirements, refer to the college of your choice.          |   |  |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>  | <b>4-Year Degree and Higher</b>  |
| Environmental Management<br>Landscaper<br>Zoo Attendant<br>Weigher/Measurer/Checker/Sampler | Materials Handler<br>Forestry Technician<br>Veterinarian Assistant<br>Lab Technician<br>Registered Nurse (ADN)<br>Survey Technician<br>Cartographer<br>Chemical Technician<br>Engineering Technician<br>City Planning Aide<br>Forensic Science Technician | Chemist<br>Physicist<br>Meteorologist<br>Ecologist<br>Research Scientist<br>Physician<br>Engineer<br>Meteorologist<br>Teacher<br>Food Scientist<br>Anthropologist<br>Archeologist<br>Astronomer<br>Biochemist<br>Forester<br>Wildlife/Fisheries Biologist<br>Horticulturalist<br>Park Naturalist<br>Environmental Engineer<br>Land Surveyor<br>Geographic Information Specialist |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate in TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- ✓ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Medical & Public Services Cluster of Study: Health Science Major: Biomedical Sciences (PLTW)

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)   | Complementary Coursework   | Extended Learning Opportunity Options Related to Major                                       |
|---|--|--|
| Principles of Biomedical Sciences (1 unit)<br>Human Body Systems (1 unit)<br>Medical Interventions (1 unit) | Anatomy & Physiology<br>Modern Languages<br>Fine Arts courses<br>Child Development | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning |

|                           |  |  |
|---------------------------|--|--|
| Science Research (1 unit) | Psychology<br>AP Biology √<br>AHS 102 (Med Vocabulary) ≠<br>MLT 101 (Intro to Medical Lab) ≠<br>PSY 201 (General Psychology) Δ≠<br>Medical Terminology | Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project |
|---------------------------|--|--|

| <b>Professional Opportunities Upon Graduation</b>                                  |  |   |
|--|--|---|
| For additional college entrance requirements, refer to the college of your choice. |  |   |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b>   |
| Medical Lab Technician<br>Medical Office Receptionist<br>Admitting Clerk           | Registered Nurse<br>Dental Assistant/Hygienist<br>Phlebotomist<br>Vet Technician<br>Radiology Technician<br>Pharmacy Technician<br>Athletic Trainer<br>Surgical Technician<br>Licensed Practical Nurse<br>Cardiovascular Technologist<br>EKG Technician<br>Embalmer<br>EMT/Paramedic | Biological Technologists<br>Biological Chemist<br>Biomedical Engineer<br>Health Information Manager<br>Ultrasound Technician<br>Pharmaceutical Scientist<br>Microbiology Technologist<br>Biochemical Technologist<br>Biochemical Pharmacologist<br>Clinical Laboratory Supervisor<br>Nurse<br>Doctor<br>Pharmacist<br>Radiologist<br>Veterinarian<br>Wildlife/Fisheries Biologist |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.
- # College credit after successful completion of the National Certification Exam



# The School District of Pickens County Curriculum Templates

## School of Engineering & Industrial Technologies Cluster of Study: Transportation, Distribution, and Logistics Major: Automotive Technology

| Required Core for Graduation   | Sample Core Choices   |  |  |  |
|--|---|--|--|--|
|  | For additional college entrance requirements, refer to the college of your choice.  |  |  |  |
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)   | Complementary Coursework  | Extended Learning Opportunity Options Related to Major   |
|---|---|--|
| Automotive Technology 1 (2 units)<br>Automotive Technology 2 (2 units)<br>Automotive Technology 3 (2 units) | Automotive Fundamentals (1 unit)<br>Modern Languages<br>Accounting and Business courses<br>Fine Arts courses<br>Electricity<br>Machine Technology<br>ACC 101 (Accounting Principles) Δ≠ | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory |

|  |                            |                                      |
|--|----------------------------|--------------------------------------|
|  | Physics<br>Welding courses | SCOIS explorations<br>Senior project |
|--|----------------------------|--------------------------------------|

| <b>Professional Opportunities Upon Graduation</b>   |  |   |
|---|--|---|
| For additional college entrance requirements, refer to the college of your choice.  |  |   |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b>                   |
| Maintenance Technician<br>Auto Body Preparation Technician<br>Mechanic Helper<br>Diesel Engine Mechanic<br>Tire Repairer/Changer<br>Vehicle Washer/Equipment Cleaner<br>Automotive Parts Specialist | Service Technician<br>Automotive Technician<br>Mechanic<br>Auto Body Painter<br>Automotive Business Entrepreneur | Mechanical Engineer<br>Automotive Design Engineer |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Medical & Public Services Cluster of Study: Education and Training Major: Teaching and Training

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)                        | Complementary Coursework   | Extended Learning Opportunity Options Related to Major  |
|--|--|---|
| Teaching and Training 1 (2 credits)<br>Teaching and Training 2 (2 credits) | Psychology (prerequisite for major)<br>Sociology<br>Multimedia<br>Teacher Cadet Δ<br>Teaching Assistant<br>Parenthood Education<br>Child Development | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory |

|  |   |   |
|--|---|---|
|  | Public Speaking<br>Document Processing<br>Web Page Design and Development<br>Art 1, 2, 3, 4, AP ✓<br>Modern Languages<br>Foods and Nutrition<br>Family Life Education<br>Health Science Technology courses<br>Fine Arts courses<br>Civic Responsibility<br>Drama<br>SPC 205 (Public Speaking) Δ≠<br>PSY 201 (General Psychology) Δ≠<br>SOC 101 (Intro to Sociology) Δ≠<br>ART 101 Art History and Appreciation Δ≠ | Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project |
|--|---|---|

| <b>Professional Opportunities Upon Graduation</b>  |  |   |
|--|--|---|
| For additional college entrance requirements, refer to the college of your choice.   |  |   |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b>   |
| Day Care Worker<br>Sales Associate<br>Educational Administrative Assistant<br>Recreation/Fitness Trainer<br>Law Enforcement Officer<br>Aerobics Instructor | Day Care Owner<br>Training Manager<br>Media Center Assistant<br>Physical Therapy Assistant<br>Teachers Aide<br>Preschool Teacher<br>Public Health Educator<br>Fitness Trainer<br>Industry/Business Trainer | Day Care Owner<br>Training Manager<br>Media Center Assistant<br>Physical Therapy Assistant<br>Adult Education Teacher<br>ES/MS/HS Teacher<br>Principal<br>College/University<br>Administrator/Faculty Member<br>Industrial Coordinator<br>School/Career Center Counselor<br>Special Education Teacher<br>Farm and Home Management Advisor<br>Coach<br>Career Specialist |

- \* Course selection will depend on satisfying prerequisites
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- ✓ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Medical & Public Services Cluster of Study: Health Science Major: Health Care Services

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |   |  |
|--|---|--|---|--|
|  | 9   | 10   | 11  | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                                  | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H  | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | <b>*Biology 1</b><br>Biology CP/H              | Applied Biology 2<br>Biology 2<br><b>* Chemistry Tech</b><br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History  | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                                 |  |

| Required Units for Major<br>(Four credits required)  | Complementary Coursework   | Extended Learning Opportunity Options Related to Major  |
|--|--|---|
| Health Science Technology 1 (2 units)<br>Health Science Technology 2 (2 units)<br>Medical Terminology + (2 units)<br>Pharmacy Technology # (2 units) | Sports Medicine (1 unit)<br>Anatomy & Physiology<br>Modern Languages<br>Fine Arts courses<br>Child Development<br>Psychology | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory |

|   |   |   |
|---|---|---|
| Principles of Biomedical Science (1 unit) | AP Biology ✓<br>AHS 102 (Med Vocabulary) ≠<br>MLT 101 (Intro to Medical Lab) ≠<br>PSY 201 (General Psychology) Δ≠ | Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project |
|---|---|---|

| <b>Professional Opportunities Upon Graduation</b>  |  |   |
|--|--|---|
| For additional college entrance requirements, refer to the college of your choice.   |  |   |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b>   |
| Certified Nursing Assistant<br>Medical Office Receptionist<br>Home Health Aide<br>Admitting Clerk<br>Nurses Aide/Orderly<br>Patient Sitter | Registered Nurse<br>Dental Assistant/Hygienist<br>Phlebotomist<br>Vet Technician<br>Radiology Technician<br>Pharmacy Technician<br>Athletic Trainer<br>Surgical Technician<br>Licensed Practical Nurse<br>Cardiovascular Technologist<br>EKG Technician<br>Embalmer<br>EMT/Paramedic | Registered Nurse BSN<br>Nurse Practitioner<br>Doctor<br>Pharmacist<br>Nutritionist/Dietician<br>Radiologist |

**\*Biology 1 and Chemistry for Technologies or equivalent must be completed prior to major being granted**

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- ✓ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.
- # College credit after successful completion of the National Certification Exam



# The School District of Pickens County Curriculum Templates

## School of Medical & Public Services Cluster of Study: Health Science Major: Rehabilitation Specialists

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)   | Complementary Coursework  | Extended Learning Opportunity Options Related to Major  |
|---|---|---|
| Anatomy and Physiology<br>Psychology<br>Sports Medicine<br>Health Science Technology<br>Child Development | Law Education<br>Family Life Education<br>Foods and Nutrition<br>Fine Arts courses<br>Teacher Cadet Δ<br>Sports Marketing | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory |

|  |  |   |
|--|--|---|
|  | Webpage Design<br>Modern Languages<br>NUR 170 (Nursing Applications) ≠<br>PSY 201 (General Psychology) Δ≠<br>SOC 101 (Intro to Sociology) Δ≠<br>AHS 104 (Med Vocabulary) ≠ | Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project<br>HOSA |
|--|--|---|

| <b>Professional Opportunities Upon Graduation</b>   |   |  |
|---|---|--|
| For additional college entrance requirements, refer to the college of your choice.                  |   |  |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>  | <b>4-Year Degree and Higher</b>  |
| Physical Therapy Aide<br>Occupational Therapy Assistant<br>Nurse's Aide/Orderly<br>Home Health Aide | Physical Therapy Assistant<br>Certified Occupational Therapy Assistant<br>ATC<br>Registered Nurse<br>Licensed Practical Nurse | Physical Therapist<br>Occupational Therapist<br>Certified Athletic Trainer<br>Medical Doctor<br>BS Registered Nurse<br>Occupational Home and Safety Specialist<br>Recreational Therapist<br>Speech Pathologist |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Medical & Public Services Cluster of Study: Human Services Major: Cosmetology

| Required Core for Graduation   | Sample Core Choices   |  |  |  |
|--|---|--|--|--|
|  | For additional college entrance requirements, refer to the college of your choice.  |  |  |  |
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(***Eight credits required)  | Complementary Coursework   | Extended Learning Opportunity Options Related to Major  |
|--|--|---|
| Cosmetology 1 (2 units) 11 <sup>th</sup> grade<br>Cosmetology 2 (2 units) 11 <sup>th</sup> grade<br>Cosmetology 3 (2 units) 12 <sup>th</sup> grade<br>Cosmetology 4 (2 units) 12 <sup>th</sup> grade | Anatomy & Physiology<br>Chemistry 2<br>Modern Languages<br>Business and Personal Finance<br>Fine Arts courses<br>Family Life Education<br>Fashion, Fabric and Design | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory |
| Possible Future Additions to   |  |   |

|  |  |   |
|--|--|---|
| Curriculum:<br>Nail Technology<br>Aesthetics | Foods and Nutrition<br>Parenting Education | Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project |
|--|--|---|

| <b>Professional Opportunities Upon Graduation</b>                                  |  |                                 |
|--|--|---------------------------------|
| For additional college entrance requirements, refer to the college of your choice. |  |                                 |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b> |
| Hairdresser/Hairstylist<br>Shampooer<br>Barbers                                    | Massage Therapists<br>Nail Technicians<br>Manicurist<br>Pedicurist<br>Salon Owner/Manager<br>Cosmetologist<br>Cosmetology Instructor |                                 |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- △ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Medical & Public Services Cluster: Human Services Major: Early Childhood Development and Services

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)   | Complementary Coursework  | Extended Learning Opportunity Options Related to Major  |
|---|---|---|
| Teacher Cadet Δ<br>Child Development<br>Psychology<br>Leadership<br>Biology<br>Anatomy and Physiology | Accounting<br>Fine Arts / Modern Languages<br>Foods and Nutrition<br>Family Life Education<br>Parenting Education<br>Speech | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing |

|   |  |   |
|---|--|---|
| Possible Future Additions to Curriculum:<br>Early Childhood Education | Music Course<br>ACC 101 (Accounting Principles) Δ≠<br>SPC 205(Public Speaking) Δ≠<br>PSY 201 (General Psychology) Δ≠<br>ECD 101 (Intro to Early Childhood) ≠ | Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project<br>Babysitting class (hospital) |
|---|--|---|

| <b>Professional Opportunities Upon Graduation</b>                                  |  |  |
|--|--|--|
| For additional college entrance requirements, refer to the college of your choice. |  |  |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b>  |
| Child Care Worker<br>Nannies   | Teacher Assistant<br>Activities Director<br>Parent Educator (2 or 4 yr)<br>Preschool Teacher | Child, Family, and School Social Workers<br>Day Care Director<br>Child Psychologist<br>Kindergarten Teacher<br>Elementary School Teacher<br>Pediatrician<br>Nutritionist |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Medical & Public Services Cluster of Study: Human Services Major: Psychological and Counseling Services

| Required Core for Graduation  | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                     |  |   |  |
|---|---|--|---|--|
|   | 9   | 10   | 11  | 12   |
| <b>English *</b><br>Four units  | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition  | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units   | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H  | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units   | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H  | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units  | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History  | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement  | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units)     |  | Comprehensive Health Education<br>Pass all sections of HSAP   |  |
| <b>Required Units for Major</b><br>(Four credits required)  | <b>Complementary Coursework</b>   |  | <b>Extended Learning Opportunity Options Related to Major</b>   |  |
| Psychology<br>Sociology<br>Family Life Education<br>Leadership<br>Child Development<br><br>Possible Future Additions to | Anatomy & Physiology<br>Law Education<br>Fine Arts courses<br>Foods and Nutrition<br>Music courses<br>Civic Responsibility<br>Teacher Cadet Δ |  | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory |  |

|  |  |   |
|--|--|---|
| Curriculum:<br>Conflict Resolution and Mediation<br>Peer Mediation | Modern Languages<br>Criminal Justice<br>Law, Public Safety Courses<br>PSY 201 (General Psychology) Δ≠<br>SOC 101 (Intro to Sociology) Δ≠<br>SPC 205 (Public Speaking) Δ≠ | Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project |
|--|--|---|

| <b>Professional Opportunities Upon Graduation</b>   |  |  |
|---|--|--|
| For additional college entrance requirements, refer to the college of your choice.                              |  |  |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b>  |
| Social and Human Services Assistant<br>Adult Day Care Worker<br>Psychiatric Aide<br>Certified Nursing Assistant | Employment Counselor<br>Vocational Rehab Counselor<br>Psychiatric Technician | Mental Health Counselor<br>Marriage, Child & Family counselor<br>Clinical/Counseling/Educational Psychiatrist<br>Organizational/ Industrial Psychiatrist<br>Registered Nurse<br>Social Worker<br>Mental Health/Substance Abuse Social Worker<br>Minister |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Medical & Public Services Cluster of Study: Government and Public Administration Major: Civil Service

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)  | Complementary Coursework  | Extended Learning Opportunity Options Related to Major  |
|--|---|---|
| Psychology<br>Civic Responsibility<br>Law Education<br>Criminal Justice<br>Sociology<br>Accounting | Modern Languages<br>Leadership<br>JROTC<br>Fine Arts courses<br>Family Life Education<br>Multimedia<br>Law Enforcement Services | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory |

|  |  |   |
|--|--|---|
|  | PSY 201 (General Psychology) Δ≠<br>SOC 101 (Intro to Sociology) Δ≠<br>SPC 205 (Public Speaking) Δ≠ | Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project<br>Youth In Government<br>Mock trial<br>Youth Court |
|--|--|---|

| <b>Professional Opportunities Upon Graduation</b>   |  |  |
|---|--|--|
| For additional college entrance requirements, refer to the college of your choice.  |  |  |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b>  |
| Municipal Clerk<br>Fireman<br>Military<br>Information and Records Clerk<br>Administrative Assistant<br>Tour Guide<br>Office Clerk<br>Park Attendant | Border Patrol<br>Office Manager<br>Government Clerk<br>Social/Community Services<br>Manager<br>Title Searcher<br>Inspector | Politician<br>Tax Auditor<br>City Planner<br>Assessor<br>Urban and Regional Planner<br>Public Administrator<br>Environmental Compliance<br>Inspector |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Medical & Public Services Cluster of Study: Government and Public Administration Major: Military Science

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)   | Complementary Coursework   | Extended Learning Opportunity Options Related to Major |
|---|--|--|
| JROTC Aerospace 1, 2, 3, 4<br>JROTC Naval Science 1, 2, 3, 4<br>JROTC Military Science 1, 2, 3, 4<br>Military History | Modern Languages<br>Multimedia<br>Psychology<br>Family Life Education<br>Sociology<br>Speech<br>Graphic Communications | Internship<br>JROTC Teams                              |

|  |  |  |
|--|--|--|
|  | Leadership<br>Civic Responsibility<br>Law Education<br>SPC 205 (Public Speaking) Δ≠<br>CPT 170 (Microcomputer Applications) ≠<br>PSY 201 (General Psychology) Δ≠ |  |
|--|--|--|

|   |                                |                                 |
|---|--------------------------------|---------------------------------|
| <b>Professional Opportunities Upon Graduation</b>   |                                |                                 |
| For additional college entrance requirements, refer to the college of your choice.  |                                |                                 |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b> | <b>4-Year Degree and Higher</b> |
| Maintaining a strong national defense encompasses diverse job opportunities including but not limited to administrative, combat specialty, construction, electronic/electrical repair, engineering, health care, media/public affairs, protective services, support services, and transportation occupations. |                                |                                 |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Medical & Public Services Cluster of Study: Law, Public Safety, and Security Major: Law Enforcement, Emergency Services & Fire Management

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| <b>Required Units for Major</b><br>(Four credits required)   | <b>Complementary Coursework</b>   | <b>Extended Learning Opportunity Options Related to Major</b>  |
|--|---|--|
| Law Enforcement Services 1<br>(2 units)<br>Law Enforcement Services 2<br>(2 units)<br>Emergency and Fire Management Services 1 (2 units)<br>Emergency and Fire Management Services 2 (2 units) | Modern Languages<br>Leadership<br>JROTC<br>Family Life Education<br>Child Development<br>Psychology<br>Civic Responsibility<br>Law Education<br>Criminal Justice<br>Sociology<br>Multimedia<br>Weightlifting<br>Conflict Resolution<br>Anatomy and Physiology<br>PSY 201 (General Psychology) Δ≠<br>CPT 170 (Microcomputer Applications) ≠<br>CRJ 101 (Intro to Criminal Justice) ≠ | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project<br>Rescue Squad<br>Law Enforcement or Firefighting Explorers<br>Mock Trial<br>Youth Court |

| <b>Professional Opportunities Upon Graduation</b>   |  |   |
|---|--|---|
| For additional college entrance requirements, refer to the college of your choice.  |  |   |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>   | <b>4-Year Degree and Higher</b>   |
| Dispatcher - LE<br>Rescue Worker - Fire<br>Combat Medic - Fire<br>Bailiff - LE<br>Crossing Guard - LE<br>Firefighter - Fire<br>Animal Control Worker - LE<br>Forest Fire Fighter - Fire<br>Radio Operator - LE<br>Security Guard - LE<br>Emergency Vehicles Dispatcher – LE | EMT – Fire<br>Paramedic - Fire<br>Athletic Trainer - Fire<br>Firefighter - Fire<br>Correctional Officer - LE<br>Criminal Investigator - LE<br>Fire Inspector/Investigator - Fire<br>Police Detective - LE<br>Private Investigator - LE<br>Sheriff/Deputy Sheriff - LE<br>Police Officer/Patrolman - LE | Planning Manager - LE<br>Emergency Manager - Fire<br>Doctor - Fire<br>Registered Nurse - Fire<br>Immigration/Customs Agent - LE<br>Judge - LE<br>Attorney - LE<br>FBI Agent - LE<br>Fish and Game Warden – LE<br>Wildfire/Arson Investigator – LE/Fire<br>Timber Theft Investigator |

- \* Course selection will depend on satisfying prerequisites.
  - + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
  - √ College credit by AP exam available
  - Δ Statewide University Transfer Agreement (Public Institutions)
  - ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus.  
Additional dual-enrollment options are also available through various colleges.
- LE = Law Enforcement  
Fire= Fire Management



# The School District of Pickens County Curriculum Templates

## School of Medical & Public Services Cluster of Study: Law, Public Safety, and Security Major: Legal Services

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)   | Complementary Coursework   | Extended Learning Opportunity Options Related to Major  |
|---|--|---|
| Psychology<br>Criminal Justice<br>Law Education<br>Fifth Unit of English<br>Speech<br>Creative Writing<br>Civic Responsibility/Leadership | Modern Languages<br>Family Life Education<br>Multimedia<br>Law Enforcement Services<br>Desktop Publishing<br>SPC 205(Public Speaking) Δ≠<br>PSY 201 (General Psychology) Δ≠<br>SOC 101 (Intro to Sociology) Δ≠ | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory |

|  |                    |   |
|--|--------------------|---|
|  | English 101-102 Δ≠ | Kuder Work Values Inventory<br>SCOIS explorations<br>Senior project<br>Youth In Government<br>Youth Court |
|--|--------------------|---|

| <b>Professional Opportunities Upon Graduation</b>  |   |  |
|--|---|--|
| For additional college entrance requirements, refer to the college of your choice.             |   |  |
| <b>High School Diploma</b>   | <b>2-Year Associate Degree</b>  | <b>4-Year Degree and Higher</b>  |
| Legal Secretary<br>Court Reporter<br>File Clerk<br>Court Clerk<br>Legal Receptionist<br>Baliff | Paralegal<br>Legal Assistant<br>Law Clerk<br>Parole and Probation Officer<br>Fish and Game Warden<br>Employee Benefits Specialist<br>Justice of the Peace<br>Compliance Officer | Attorney<br>Judge<br>Mediator/Arbitrator/Conciliator/Adjudicator<br>Magistrate |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Environmental & Agricultural Services Cluster of Study: Agriculture, Food, and Natural Resources Major: Plant and Animal Systems

| Required Core for Graduation   | Sample Core Choices  |  |  |  |
|--|--|--|--|--|
|  | For additional college entrance requirements, refer to the college of your choice.   |  |  |  |
|  | 9  | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H  | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H  | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H  | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H   | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit)+<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)   | Complementary Coursework   | Extended Learning Opportunity Options Related to Major   |
|---|--|--|
| Agricultural Science and Technology for the Workplace + (2 units)<br>Animal Science for the Workplace 1 (2 units)<br>Animal Science for the Workplace 2 (2 units) | Farm Animal Production (1 unit)<br>Small Animal Care<br>Wildlife Management<br>Horticulture ≠<br>Modern Languages<br>Environmental Science<br>Psychology | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations |

|  |  |                |
|--|--|----------------|
|  |  | Senior project |
|--|--|----------------|

| <b>Professional Opportunities Upon Graduation</b>   |   |   |
|---|---|---|
| For additional college entrance requirements, refer to the college of your choice.  |   |   |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>  | <b>4-Year Degree and Higher</b>   |
| Pet Groomer<br>Pet Store Clerk<br>Small Engine Service Worker<br>Fencing and Structures Worker<br>Equine Groom Assistant<br>Lawn Care Worker<br>Landscaping Worker<br>Forest/Conservation Worker<br>Agricultural Equipment Operator<br>Agricultural Sprayer<br>Animal Caretaker<br>Farm and Ranch Animals Farm Worker | Veterinary Assistant<br>Veterinary Technician<br>Irrigation Technician<br>Equipment Technician<br>Equipment Fabricator<br>Park Ranger<br>Forest Ranger/Technician<br>Animal Breeder<br>Inspector of Agricultural Products | Farming/Ranch Manager<br>Research Analyst<br>Aquaculture<br>Head Grounds Keeper<br>Animal Scientist<br>Soil Conservationist<br>Soil Scientist<br>Agricultural Engineer<br>Microbiologist<br>Landscape Designer<br>Agricultural Educator<br>Agricultural Extension Agent<br>Veterinarian<br>Equine Therapist<br>Forester<br>Wildlife Biologist<br>Fisheries Biologist<br>Geographic Information Specialist |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate by TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.



# The School District of Pickens County Curriculum Templates

## School of Environmental & Agricultural Services Cluster of Study: Agriculture, Food, and Natural Resources Major: Horticulture

| Required Core for Graduation   | Sample Core Choices<br>For additional college entrance requirements, refer to the college of your choice.                                 |  |  |  |
|--|---|--|--|--|
|  | 9   | 10   | 11   | 12   |
| <b>English *</b><br>Four units   | English 1 CP<br>English 2 H   | English 2 CP<br>English 3 H                    | English 3 CP<br>English 4 H<br>AP Language and Composition                         | English 4 CP+<br>AP English Literature and Composition<br>AP English Language and Composition<br>English 101/English 102 |
| <b>Math *</b><br>Four units  | Math Tech 1<br>Algebra 1<br>Geometry CP/H   | Math Tech 2<br>Geometry CP/H<br>Algebra 2 CP/H | Math Tech 3<br>Algebra 2 CP/H<br>Pre-Calculus CP/H                                 | Pre-Calculus<br>Probability and Stats<br>Math Tech 4<br>Calculus H<br>AP Calculus AB<br>AP Calculus BC                   |
| <b>Science *</b><br>Three units  | Physical Science CP/H   | Applied Biology 1<br>Biology CP/H              | Applied Biology 2<br>Biology 2<br>Chemistry Tech<br>Chemistry CP/H<br>Physics CP/H | Chemistry CP/H<br>Physics CP/H<br>Environmental Science  |
| <b>Social Studies</b><br>Three units   | World Geography CP/H  | World History CP/H                             | U.S. History CP/H<br>AP US History   | Economics and Government<br>Psychology<br>Sociology  |
| <b>Additional Graduation Requirements</b><br>Pass Exit Exam<br>CHE Requirement | Physical Education or JROTC (one unit)<br>Computer Science (one unit) +<br>Modern Languages or CATE (one unit)<br>Electives (seven units) |  | Comprehensive Health Education<br>Pass all sections of HSAP                        |  |

| Required Units for Major<br>(Four credits required)  | Complementary Coursework   | Extended Learning Opportunity Options Related to Major   |
|--|--|--|
| Horticulture for the Workplace 1 (2 units)<br>Horticulture for the Workplace 2 (2 units)<br>Sports Turf Management (1 unit)<br>Golf Course Technology (1 unit) | Environmental and Natural Resources Management (1 unit)<br>Wildlife Management<br>Modern Languages<br>Environmental Science<br>Visual Arts Courses<br>Architectural Design courses | Career mentoring<br>Job shadowing<br>Internship<br>Cooperative education<br>Service learning<br>Virtual job shadowing<br>Kuder Interest Inventory<br>Kuder Skills Inventory<br>Kuder Work Values Inventory<br>SCOIS explorations |

|   |  |                |
|---|--|----------------|
| Possible Future Additions to Curriculum:<br>Floriculture<br>Nursery, Greenhouse, and Garden Center Technology |  | Senior project |
|---|--|----------------|

| <b>Professional Opportunities Upon Graduation</b>   |   |  |
|---|---|--|
| For additional college entrance requirements, refer to the college of your choice.                                      |   |  |
| <b>High School Diploma</b>  | <b>2-Year Associate Degree</b>  | <b>4-Year Degree and Higher</b>  |
| Gardener<br>Groundskeeper<br>Nursery/Greenhouse Worker<br>Tree Trimmer/Pruner<br>Forest/Conservation Equipment Operator | Floral Designer<br>Florist<br>Forest Technician<br>Nursery/Greenhouse Manager<br>Pest Management Technician | Urban & Regional Planner<br>Landscape Architect<br>Park Naturalist<br>Plant Scientist<br>Forester<br>Golf Course Superintendent<br>Arborist<br>Integrated Pest Manager<br>Horticulturist<br>Agronomist<br>Plant Pathologist<br>Entomologist<br>Garden Writer |

- \* Course selection will depend on satisfying prerequisites.
- + College credit may articulate through TAP (Technical Advanced Placement) agreements within the Technical and Community College System.
- √ College credit by AP exam available
- Δ Statewide University Transfer Agreement (Public Institutions)
- ≠ Dual-enrollment course offered online or on the Tri-County Technical College campus. Additional dual-enrollment options are also available through various colleges.