



# Course Requirements for Majors and SDPC Schools of Study



# ***Personal Pathways to Success***

**2011-2012**



*Building success beyond the classroom*

**Schools of Study  
Career Clusters  
Majors**

(Working Draft, as of January 21, 2011)  
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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 (e-IGP)**  
**Career-oriented Learning Experiences (ELO's- Extended Learning Opportunities)**

**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 **electronic Individual Graduation Plan (e-IGP)** by the end of the eighth grade. This plan is updated yearly by the student with the help of parents or guardians and counselors. IGP's 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 (ELO's)** or work-based extended learning opportunities 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 Art & Communication	School of Business Management & Information	School of Engineering & Industrial Technologies	School of Medical & Public Services	School of Environmental & Natural Resources
<p>Arts, Audio Visual Technology &amp; Communication</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>Information Technology</p> <ul style="list-style-type: none"> <li>Interactive Media</li> <li>Computer Service Technology</li> <li>Network Systems</li> <li>Oracle Academy</li> <li>Web &amp; Digital Communications (NEW)</li> </ul> <p><b>Interdisciplinary Studies</b></p> <ul style="list-style-type: none"> <li>Cross Cluster Majors *</li> </ul>	<p><b>Finance</b></p> <ul style="list-style-type: none"> <li>Accounting</li> <li>Business Finance</li> </ul> <p><b>Business Management and Administration</b></p> <ul style="list-style-type: none"> <li>Administrative Services</li> <li>Business Information Management</li> <li>General Management</li> </ul> <p><b>Hospitality and Tourism</b></p> <ul style="list-style-type: none"> <li>Culinary Arts / Hospitality Services</li> <li>Travel &amp; Tourism</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> </ul> <p><b>Transportation, Distribution, and Logistics</b></p> <ul style="list-style-type: none"> <li>Automotive Technology</li> <li>Health Safety &amp; Environmental Management</li> </ul>	<p><b>Human Services</b></p> <ul style="list-style-type: none"> <li>Cosmetology</li> <li>Child Development</li> <li>Fashion Design</li> <li>Foods and Nutrition</li> <li>Housing and Interiors</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>Biomedical Sciences</li> <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>Agriculture Mechanics</li> <li>Plant &amp; Animal Systems</li> <li>Horticulture</li> <li>Environmental &amp; Natural Resources</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: Arts, Audio Visual Technology & Communication

### Major: English

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			Comprehensive Health Education Pass all sections of HSAP

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

Creative Writing Journalism  Possible Future Additions to Curriculum: Playwriting Ethnic Literature Shakespeare Short Stories Advanced Composition Vocabulary Sports Journalism Lyrical History	Communications I (ENG 155) •	Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project
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<b>Professional Opportunities Upon Graduation</b> For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree and Higher
Receptionist Sales Associate Library Assistant/Technician Administrative Assistant Court Administrator Military Specialist	Proofreader Reporter Technical Writer Executive Secretary Paralegal Audio-Visual collection Specialist	Journalist Public Relations Specialist Educator Writer/Editor Attorney Archivist Reporter Media Specialist Author Newscaster Public Relations Specialist Radio/TV Announcer Military Officer

- \* 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 Art & Communication

### Cluster: Arts, Audio Visual Technology & Communication

### Major: Graphic Communication

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Six credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Introduction to Graphic Communication (1 unit) Graphic Communication 1 (2 unit) Graphic Communication 2 (2 unit) Graphic Communication 3 (2 unit)	JROTC Art courses Journalism courses Modern Languages Foods and Nutrition Fashion, Fabric and Design Creative Writing Multimedia	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory

	Desktop Publishing Photography Web Page Design English 101-102 •• Communications I (ENG 155 )• CPT 170 (Microcomputer Applications) •	Kuder Work Values Inventory SCOIS explorations Senior project
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<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 Computer Support Technician Desktop Publishing Specialist Photographer Video Designer Job Printer Press Operator Photoengraver Bookbinder Bindery Worker Screen Printing Machine Worker Military Specialist	Commercial Photographer Web Page Designer Commercial Graphics Technician Video Editor Director	Cinematographer Graphic Designer Commercial Artist Technical Writer Advertising Director Editor Exhibit Designer Military Officer

- \* 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 Art & Communication

### Cluster: Arts, Audio Visual Technology & Communication

### Major: History

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

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

Law Education AP History Courses Environmental Studies  Possible Future Additions to Curriculum: SC History Anthropology Archaeology Bible African-American Studies Ethnic Studies		Kuder Work Values Inventory SCOIS explorations Senior project Military Officer
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<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 Sales Associate Receptionist Flight Attendant Mail Carrier Military Specialist	Court Reporter Social and Human Services Assistant Law Enforcement Officer Teacher's Aide Legal Secretary	Educator Journalist City Manager Criminologist Public Relations Specialist Writer/Author Archivist 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
- 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: Arts, Audio Visual Technology & Communication

### Major: Journalism / Mass Communication

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			Comprehensive Health Education Pass all sections of HSAP

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Speech Journalism courses Creative Writing AP Language and Composition • Multimedia Photography Honors English 3, 4, AP • Broadcast Journalism Military Specialist	JROTC Modern Languages Current Events Fine Arts courses Social Studies courses Family Life Education Graphic Communication courses Drama courses English 101-102 ••	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory

	Communications I (ENG 155) • CPT 170 (Microcomputer Applications) •	SCOIS explorations Senior project
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<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 Administrative Assistant General Office Clerk Police Officer Real Estate Sales Agent Bookbinder Bindery Worker Job Printer Letterpress Operator Offset Lithograph Press Operator Photoengraver Photographic Process Worker Printing Press Operator Printing Stripper Military Specialist	Technical Writer/Director/Manager Proofreader Broadcast Technician Public Relations Specialist TV Reporter Photographer Sound Engineering Technician Audio-Visual Collections Specialist	Journalist News Anchor Station Manger Public Relations Specialist Public Administrator Radio/TV Announcer Military Officer

- \* 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 Art & Communication

### Cluster: Arts, Audio Visual Technology & Communication

### Major: Modern Languages

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry Algebra 2 CP/H	Math Tech 3 Algebra 2 Pre-Calculus CP/H	Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Spanish 2, 3, 4 French 2, 3, 4 Speech German 2, 3, 4	Other Modern Languages JROTC World Geography Foods and Nutrition	Career mentoring Job shadowing Internship Cooperative education

AP Language courses  Possible Future Additions to Curriculum: Latin Russian Japanese Chinese Sign Language	Fine Arts courses English Elective courses English 101-102 •• SPC 205 (Public Speaking) •• Communications I (ENG 155) •	Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project
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<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 Military Specialist Sales Associate Real Estate Sales Agent Waiter/Waitress Military Specialist	Travel Agent Customer Service Representative Flight Attendant Hotel Manager Teacher's Aide	Educator Language Translator/interpreter International Business Military Intelligence Officer 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
- 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: Arts, Audio Visual Technology & Communication

### Major: Performing Arts

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry Algebra 2 CP/H	Math Tech 3 Algebra 2 Pre-Calculus CP/H	Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Drama 3, 4 Band 2, 3, 4 Chorus 2, 3, 4 Orchestra 2, 3, 4 Speech	JROTC Social Studies courses Modern Languages Carpentry	Career mentoring Job shadowing Internship Cooperative education Service learning

Strings Film Criticism Music Appreciation AP Language courses Piano  Possible Future Additions to Curriculum: Dance Ballet Set Design Stage Makeup Stage Technology Music, Movies, and the Media	Cosmetology Foods and Nutrition Fashion, Fabric and Design Fine Arts courses SPC 205 (Public Speaking) •• SPC 210 (Oral Interpretation of Literature) ••	Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project
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Professional Opportunities Upon Graduation		
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 Singer Musician Designer Photographer Usher/Ticket Taker Radio Operator Military Specialist	Set Design Technician Sound/Lighting Technician Theater Manager Clothes Designer Interior Decorator Composer Dancer Movie/TV Camera Operator Film/Video Editor Choreographer Makeup Artist Set/Costume Designer	Educator Set Designer Music Therapist Director/Producer Editor Music Director Music Therapist Military Officer

- \* 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 Art & Communication

### Cluster: Arts, Audio Visual Technology & Communication

### Major: Visual Arts

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Photography Art 2, 3, 4 Web Design Computer Art Art Appreciation AP Art Courses Additional Fine Arts Unit	JROTC Fine Arts courses Modern Languages Graphic Communications courses Foods and Nutrition Fashion, Fabric and Design Social Studies Courses ART 101 Art History and	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory

Possible Future Additions to the Curriculum: Electronic Photo and Video Production	Appreciation •• ARV 121 (Design) • CPT 170 (Microcomputer Applications) •	Kuder Work Values Inventory SCOIS explorations Senior project
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<b>Professional Opportunities Upon Graduation</b> For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree and Higher
Designer Photographer Screen Printing Machine Operator Military Specialist	Set Design Technician Sound/Lighting Technician Theater Manager Clothes Designer Interior Decorator Photographer Exhibit Designer	Educator Set Designer Music Therapist Director Editor Commercial Art Director Commercial/Industrial Designer Military Officer

- \* 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 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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

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

Computer Programming Desk Top Publishing	ARV 121 (Design) • CPT 170 (Microcomputer Applications) • IST 225 (Internet Communications) • Modern Languages	Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project
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<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 Data Entry Clerk Sales Agent Military Specialist	Web Page Designer Production Assistant Video Game Designer Animator	Web Master Media Specialist Producer Computer Software Systems Engineer Animation Designer Software Designer Military Officer

- \* 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
- 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 Technology Major: Computer Service 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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

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

(2 Units)		Kuder Work Values Inventory SCOIS explorations Senior project
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<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) Computer Support Specialist Military Specialist	Electronic Service Technician Computer Service Technician Electrician Computer Network Specialist	Computer Engineer Electrical Engineer Mechanical Engineer Industrial Engineer Military Officer

- \* 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.

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: Web and Digital Communications

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Foundations of Animation Image Editing 1  Plus one or more of the following: Web Page Design and Development 1 & 2	JROTC Visual Arts courses Music courses Fine Arts courses Creative Writing Journalism/Yearbook	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory

Digital Desk Top Publishing Integrated Business Applications Work Based Learning Credit	ARV 121 (Design) • CPT 170 (Microcomputer Applications) • IST 225 (Internet Communications) • Modern Languages	Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project
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<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>
Website Maintenance Specialist Multimedia Specialist Desktop Publishing Specialist Military Specialist	Web Page Designer Graphic Artist Interactive Media Specialist	Web Master 3D Animator Virtual Reality Specialist Graphic Designer Animation Designer Software Designer Military Officer

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

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

	Law Education Multimedia ACC 101 (Accounting Principles) •• PSY 201 (General Psychology) •• BUS 101 (Intro to Business) • SPC 205(Public Speaking) ••  Possible Future Additions to Curriculum: Technical Writing Business and Electronic Communications Virtual Enterprise Intro to Business and Marketing International Business and Marketing Business Law E-Commerce Entrepreneurship	Kuder Work Values Inventory SCOIS explorations Senior project Student Council / Club Leadership
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<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 Administrative Assistant Bank Teller Bill and Account Collector Credit Checker Accounting Clerk Loan Interviewer/Clerk New Accounts Clerk Procurement Clerk Insurance Processing Clerk Military Specialist	Auditor Accountant Credit Manager Accounts Payable Clerk Brokerage Clerk Credit Analyst Financial Services Agent Financial Examiner Financial Manager Loan Counselor Payroll Clerk Insurance Sales Agent/Broker Insurance Claim Examiner Office Manager	Stock Broker Tax Specialist Loan Officer Teacher/Professor Analyst Economist Financial Analyst City Manager Actuary Chief Financial Officer/Treasurer/Controller Sales Agent Securities and Commodities Tax Examiner/Revenue Agent Personal Financial Manager Insurance Underwriter Military Officer

- \* 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 Business Management & Information

### Cluster: Finance

### Major: Business Finance

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			
	Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Personal Finance (to be phased out in 2011-12) Introduction to Business & Marketing (to be phased out in 2011-12) Business Finance Banking Services <u>Plus two or more of the following:</u>	JROTC ACC 101 (Accounting Principles) •• PSY 201 (General Psychology) •• Computer Applications Psychology Leadership Family Life Education	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory

Accounting 1 Accounting 2 Integrated Business Applications 1 Personal Finance Business Law Work Based Learning Credit	Law Education Multimedia BUS 101 (Intro to Business) • SPC 205(Public Speaking) ••  Possible Future Additions to Curriculum: Technical Writing Business and Electronic Communications Virtual Enterprise Intro to Business and Marketing International Business and Marketing Business Law E-Commerce Entrepreneurship	Kuder Work Values Inventory SCOIS explorations Senior project Student Council / Club Leadership
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<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 Administrative Assistant Bank Teller Bill and Account Collector Credit Checker Accounting Clerk Loan Interviewer/Clerk New Accounts Clerk Procurement Clerk Insurance Processing Clerk Military Specialist	Loan Officer Mortgage Underwriter Accounts Payable Clerk Brokerage Clerk Credit Analyst Financial Services Agent Financial Examiner Financial Manager Loan Counselor Payroll Clerk Insurance Sales Agent/Broker Insurance Claim Examiner Office Manager	Compliance Officer Branch Manager Stock Broker Internal Auditor Operations Manager Tax Specialist Teacher/Professor Analyst Economist Financial Analyst City Manager Actuary Chief Financial Officer/Treasurer/Controller Sales Agent Securities and Commodities Tax Examiner/Revenue Agent Personal Financial Manager Insurance Underwriter Military Officer

- \* 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 Business Management & Information Cluster: Business Management and Administration Major: Administrative Services

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Administrative Support Technology Integrated Business Applications 1 <u>Plus the following:</u> Digital Desktop Publishing Digital Web Page Design &	JROTC Business and Personal Finance Computer Applications Psychology Leadership	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing

Development 1 (1cr) Digital Web Page Design & Development 2 (1cr) Work Based Learning Credit	Family Life Education Fine Arts / Modern Languages Law Education ACC 101 (Accounting Principles) •• PSY 201 (General Psychology) •• BUS 101 (Intro to Business) • SPC 205(Public Speaking) ••  Possible Future Additions to Curriculum: Technical Writing Business and Electronic Communications Virtual Enterprise Intro to Business and Marketing International Business and Marketing E-Commerce Entrepreneurship	Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project Student Council / Club Leadership
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<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 Retail Sales Assistant Bank Teller Bill and Account Collector Credit Checker Accounting Clerk Loan Interviewer/Clerk New Accounts Clerk Procurement Clerk Insurance Processing Clerk Military Specialist	Administrative Assistant Executive Assistant Front Office Assistant Accounts Payable Clerk Brokerage Clerk Credit Analyst Financial Services Sales Agent Financial Examiner Financial Manager Loan Counselor Payroll Clerk Insurance Sales Agent/Broker Insurance Claim Examiner Office Manager	Stock Broker Auditor Tax Specialist Loan Officer Teacher/Professor Analyst Economist Financial Analyst City Manager Actuary Chief Financial Officer/Treasurer/Controller Sales Agent Securities and Commodities Tax Examiner/Revenue Agent Personal Financial Manager Insurance Underwriter Military Officer

- \* 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 Business Management & Information Cluster: Business Management and Administration Major: Business Information Management

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Web Page Design and Development 1 (½ cr) Desktop Publishing (½ cr) <u>Plus the following:</u>	JROTC Business and Personal Finance Keyboarding Computer Applications	Career mentoring Job shadowing Internship Cooperative education Service learning

Web Page Design and Development 2 (½ cr) Multimedia (½ cr) Integrated Business Applications 1 (1cr) Digital Imaging 1 (1 cr) Digital Imaging 2 (1 cr) Work Based Learning Credit	Psychology Leadership Family Life Education Fine Arts / Modern Languages Law Education ACC 101 (Accounting Principles) •• PSY 201 (General Psychology) •• BUS 101 (Intro to Business) • CPT 170 (Microcomputer Applications) • SPC 205(Public Speaking) ••  Possible Future Additions to Curriculum: Technical Writing Business and Electronic Communications Virtual Enterprise Intro to Business and Marketing International Business and Marketing E-Commerce Entrepreneurship	Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project Student Council / Club Leadership
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Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree and Higher
Records Associate Administrative Assistant Bank Teller Bill and Account Collector Credit Checker Accounting Clerk Loan Interviewer/Clerk New Accounts Clerk Procurement Clerk Insurance Processing Clerk Military Specialist	Accounts Payable Clerk Brokerage Clerk Credit Analyst Financial Services Sales Agent Financial Examiner Financial Manager Loan Counselor Payroll Clerk Insurance Sales Agent/Broker Insurance Claim Examiner Office Manager	Stock Broker Auditor Tax Specialist Loan Officer Teacher/Professor Analyst Economist Financial Analyst City Manager Actuary Chief Financial Officer/Treasurer/Controller Sales Agent Securities and Commodities Tax Examiner/Revenue Agent Personal Financial Manager Insurance Underwriter Military Officer

- \* 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 Business Management & Information Cluster: Business Management and Administration Major: General Management

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Entrepreneurship (1cr) Accounting 1 (1cr) <u>Plus the following:</u> Accounting 2 (1cr) Integrated Business Applications (1cr)	JROTC Business and Personal Finance Computer Applications Psychology Leadership Family Life Education	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory



Business Law Work Based Learning Credit	Fine Arts / Modern Languages Law Education ACC 101 (Accounting Principles) •• PSY 201 (General Psychology) •• BUS 101 (Intro to Business) • SPC 205(Public Speaking) ••  Possible Future Additions to Curriculum: Technical Writing Business and Electronic Communications Virtual Enterprise Intro to Business and Marketing International Business and Marketing E-Commerce Entrepreneurship	Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project Student Council / Club Leadership
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<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>
Retail Sales Assistant Administrative Assistant Bill and Account Collector Credit Checker Accounting Clerk Loan Interviewer/Clerk New Accounts Clerk Procurement Clerk Insurance Processing Clerk Military Specialist	Assistant Store Manager Store Manager Retail Department Manager Accounts Payable Clerk Brokerage Clerk Credit Analyst Financial Services Sales Agent Financial Examiner Financial Manager Loan Counselor Payroll Clerk Insurance Sales Agent/Broker Insurance Claim Examiner Office Manager	Store Owner Franchisee Teacher/Professor Analyst Chief Financial Officer/Treasurer/Controller Sales Agent Securities and Commodities Personal Financial Manager Military Officer

- \* 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 Business Management & Information Cluster: Hospitality and Tourism Major: Culinary Arts/Hospitality Services

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			Comprehensive Health Education Pass all sections of HSAP

Required Units for Major (Six credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Culinary Arts 1 (2 units) Culinary Arts 2 (2 units) Food Science and Dietetics (2 units)  Possible Future Additions to Curriculum:	JROTC Visual Arts courses Fine Arts courses Modern Languages Child Development Foods and Nutrition	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing

Intro. To Hospitality Management and Operations Hospitality Management and Operations	Family Life Education Multimedia Business and Personal Finance Document Processing Leadership Psychology Accounting Computer Applications Speech CPT 170 (Microcomputer Applications) • ACC 101 (Accounting Principles) •• PSY 201 (General Psychology) •• SPC 205(Public Speaking) ••	Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project Part time job Student Council
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<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 Maid/Cleaner Host/Hostess Food Counter Worker Hotel/Motel Clerk Food Preparation Worker Kitchen Helper/Dishwasher Military Specialist	Event Planner Tour guide Chamber of Commerce Associate Chef Food Science Technician Housekeeping Supervisor	Restaurant Owner SC Parks, Recreation and Tourism Associate Food Services Manager Hotel/Motel Manager Meetings and Convention Planner Military Officer

- \* 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 Business Management & Information Cluster: Marketing Sales and Service Major: Marketing and Public Relations

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			Comprehensive Health Education Pass all sections of HSAP

<b>Required Units for Major</b> (Four credits required)	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Speech Sports and Entertainment Marketing Multimedia (½ unit) Creative Writing 1 & 2 Journalism/Year Book Desktop Publishing  Possible Future Additions to Curriculum: Advertising Interior Design Advertising Design Fashion Merchandising Marketing Global Markets	JROTC Document Processing Psychology Sociology Accounting Modern Languages Fine Arts courses Child Development Family Life Education Visual Arts Drama Leadership SPC 205(Public Speaking) •• PSY 201 (General Psychology) •• SOC 101 (Intro to Sociology) •• CPT 170 (Microcomputer Applications) • ACC 101 (Accounting Principles) ••	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project Year Book (Leadership role) Media Center Teacher Assistant 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 Job Printer Screen Printing Machine Worker Warehouse Stock Clerk Military Specialist	Marketing Assistant Exhibit Designer Graphic Designer Photoengraver Photographer Statistical Assistant	Copy Writer Marketing Director Commercial Art Director Public Relations Specialist Statistician Market Research Analyst Military Officer

- \* 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: 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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Six credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Carpentry 1 (2 Units) Carpentry 2 (2 Units) Carpentry 3 (2 Units)	Introduction to Construction: Carpentry (1 unit) JROTC Modern Languages	Career mentoring Job shadowing Internship Cooperative education Service learning

Possible Future Addition to Curriculum: Cabinet Making	Visual Arts courses Computer-Aided Design + Probability & Statistics Architectural Design	Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project
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<b>Professional Opportunities Upon Graduation</b>		
For additional college entrance requirements, refer to the college of your choice.		
<b>High School Diploma</b> Drywall Installer Roofer Plasterer Carpenter Helper Construction Laborer Renovator/Remodeler Military Specialist	<b>2-Year Associate Degree</b> Contractor Construction Specialist General/Finished Carpenter Construction and Building Inspector Cabinet Maker	<b>4-Year Degree and Higher</b> Architect Construction Project Manager Civil Engineer Military Officer

- \* 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: 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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

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



	Probability & Statistics	Kuder Work Values Inventory SCOIS explorations Senior project
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<b>Professional Opportunities Upon Graduation</b>		
For additional college entrance requirements, refer to the college of your choice.		
<b>High School Diploma</b> Electric Meter Installer/Repairer Electrical Equipment Assembler Electrical Repairer Electrical Helper Electric Power line Installer/Repairer Military Specialist	<b>2-Year Associate Degree</b> Electrical Engineering Technician Electrician Electrical	<b>4-Year Degree and Higher</b> Electrical Engineer Military Officer

- \* 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: Architecture and Construction Major: Masonry

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Courses for Major (Six credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Masonry 1 (2 units) Masonry 2 (2 units) Masonry 3 (2 units)	Introduction to Construction: Masonry (1 unit) JROTC Modern Languages Visual Arts courses Computer-Aided Design +	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory

	Probability & Statistics Architectural Design	Kuder Work Values Inventory SCOIS explorations Senior project
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<b>Professional Opportunities Upon Graduation</b>		
For additional college entrance requirements, refer to the college of your choice.		
<b>High School Diploma</b> Stone Mason Brick Mason Glazier Ceiling Tile Installer Tile and Marble Setter Cement Mason/Concrete Mason Plasterer/Stucco Mason Construction Laborer Drywall Installer/Finisher Military Specialist	<b>2-Year Associate Degree</b> Construction Supervisor Cost Estimator	<b>4-Year Degree and Higher</b> Construction Manager Military Officer

- \* 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: Manufacturing Major: Machine 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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Six credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Machine Technology 1 (2 units) Machine Technology 2 (2 units) Machine Technology 3 (2 units)	Introduction to Manufacturing: Machine Technology (1 unit) JROTC Mechanical & Architectural Design courses Fine Arts courses Welding courses	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory

	EET 113 (Electrical Circuits) + Modern Languages	Kuder Work Values Inventory SCOIS explorations Senior project
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<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 Tool Machine Setter/Operator Electric Motor Assembler/Repairer Electromechanical Equipment Assembler Extruder and Forming Machine Worker Inspector/Tester Machine Assembler Machinery Maintenance Worker Metal Molding/Casting Machine Operator Military Specialist	Machinist CNC Operator Manufacturing Machinery Technician Tool & Die Maker Electrical Engineering Technician Electronics Engineering Technician Mechanics and Repairers Supervisor Production Supervisor	Design Engineer Manufacturing Engineer Metallurgist Quality Control Engineer Military Officer

- \* 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: 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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Six credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Mechatronics Integrated Technologies 1 (2 units) Mechatronics Integrated Technologies 2 Honors (2 units) Mechatronics Integrated Technologies 3 Honors (2 units)	Introduction to Manufacturing Technology: Mechatronics (1 unit) JROTC Computer Integrated Manufacturing Systems Digital Electronics + Core Electronics courses	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory

	Fine Arts courses Machine Technology courses Welding courses Modern Languages	Kuder Work Values Inventory SCOIS explorations Senior project
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<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 Electrical Helper Engine/Machine Assembler General Maintenance Repairer Industrial Machine Mechanic Military Specialist	Maintenance Machinist Maintenance Supervisor Electrician Industrial Engineering Technician Machinist	Director of Maintenance Operations Mechanical Engineer Industrial Engineer Military Officer

- \* 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: Manufacturing Major: Welding Technology / Metal Working

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit)+ Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

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



		Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project
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<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 Welder Cutter Welding Machine Operator Military Specialist	Pipeline Welder Metal Fabricator/Welder Construction Welder	Construction Project Manager Civil Engineer Mechanical Engineer Military Officer

- \* 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: 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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Honors Algebra 2 Honors Pre-Calculus Honors Calculus or AP Calculus • Probability & Statistics Computer Programming 1 – C ++	JROTC Modern Languages Physics Chemistry Computer-Aided Design courses	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing

Computer Mathematics – Pascal Accounting 1, 2  Possible Future Additions to Curriculum: Discrete Math Advanced Functions and Modeling Math for Financial Success	Project Lead the Way courses + Business courses ACC 101 (Accounting Principles) •• Information Technology courses CPT 170 (Microcomputer Applications) • MAT 110 (College Algebra) ••	Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project
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<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 Accounts Clerk Bookkeeper Inventory Controller Cost Estimator Buyer Insurance Agent Military Specialist	Accountant Tax Preparer Computer Programmer Financial Manager Data Analyst Animator Appraiser Air Traffic Controller Surveyor	Certified Public Accountant Stock Broker Educator Statistician Analyst Marketing and Sales Consultant Engineer Scientist Researcher Operations Research Analyst Military Officer

- \* 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
- 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: Science, Technology, Engineering, and Mathematics Major: Mechanical and Architectural Design

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

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

	Applications) •	Kuder Work Values Inventory SCOIS explorations Senior project
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<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 Coast Estimator Surveyor's Helper Military Specialist	Mechanical Engineering Technician Architectural er Surveyor	Architect Mechanical Engineer Military Officer

- \* 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: Science, Technology, Engineering, and Mathematics

### Major: Pre-Engineering and Engineering Technology (PLTW)

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			Comprehensive Health Education Pass all sections of HSAP

Required Units for Major (Five credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Introduction to Engineering Design + (1 unit) Digital Electronics + (1 unit) Principles of Engineering + (1 unit)	JROTC AP Calculus • AP Physics • AP Biology • AP Chemistry •	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing

Computer Integrated Manufacturing Systems (1 unit) Engineering Design & Development + Systems (1 unit)	Modern Languages Probability & Statistics Computer Programming courses CPT 170 (Microcomputer Applications) • Building Construction courses Machine Technology courses Presentation Skills	Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project
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<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>
Teaching Assistant Technical Illustrator Estimator Military Specialty Training Quality Control Electrical/Electronics Installer Electrical/Electronics Repairer Military Specialist	Architectural Engineering Technician Civil Engineering Technician Engineering Design Technician Electrical Engineering Technician Survey Technician Robotics Technician	Engineer - Aerospace, Biomedical, Ceramics, Civil, Electrical, Environmental, Industrial, Mechanical Educator Architect Military Officer

- \* 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: Science, Technology, Engineering, and Mathematics

### Major: Science

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Astronomy Anatomy & Physiology Biology 2 AP Biology • Chemistry 2 Environmental Studies	JROTC Mathematics courses Modern Languages Writing courses Fine Arts courses Child Development	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory



Introduction to Biotechnology & Genomics AP Chemistry • AP Physics • Earth Science  Possible Future Additions to Curriculum: Research Science Forensic Science Aviation Science Physics of Sports Marine Science Wildlife Biology and Management Botany and Entomology Astrophysics Meteorology and Climatology Geology	Horticulture courses Agricultural Technology courses Health Science Technology courses Anatomy-Based Medical Terminology AHS 102 (Med Vocabulary) • CHM 110 ( College Chemistry) ••	Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project
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<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 Landscaper Zoo Attendant Weigher/Measurer/Checker/Sampler Military Specialist	Materials Handler Forestry Technician Veterinarian Assistant Lab Technician Registered Nurse (ADN) Survey Technician Cartographer Chemical Technician Engineering Technician City Planning Aide Forensic Science Technician	Chemist Physicist Meteorologist Ecologist Research Scientist Physician Engineer Meteorologist Teacher Food Scientist Anthropologist Archeologist Astronomer Biochemist Military Officer

- \* 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
- 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: 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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Six credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Automotive Technology 1 (2 units) Automotive Technology 2 (2 units) Automotive Technology 3 (2 units)	Automotive Fundamentals (1 unit) Modern Languages JROTC Accounting and Business courses Fine Arts courses Electricity	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory

	Machine Technology ACC 101 (Accounting Principles) • • Physics Welding courses	Kuder Work Values Inventory SCOIS explorations Senior project
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<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 Auto Body Preparation Technician Mechanic Helper Diesel Engine Mechanic Tire Repairer/Changer Vehicle Washer/Equipment Cleaner Automotive Parts Specialist Military Specialist	Service Technician Automotive Technician Mechanic Auto Body Painter Automotive Business Entrepreneur	Mechanical Engineer Automotive Design Engineer Military Officer

- \* 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: Education and Training Major: Teaching and Training

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Psychology (prerequisite for major) (1 credit) Teaching and Training 1 (2 credits) Teacher Cadet • (1 credit)	Teaching Assistant JROTC Sociology Multimedia Parenthood Education Child Development	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing

	Public Speaking Document Processing Web Page Design and Development Art 1, 2, 3, 4, AP • Modern Languages Foods and Nutrition Family Life Education Health Science Technology courses Fine Arts courses Civic Responsibility Drama SPC 205 (Public Speaking) •• PSY 201 (General Psychology) •• SOC 101 (Intro to Sociology) •• ART 101 Art History and Appreciation ••	Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project
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<b>Professional Opportunities Upon Graduation</b> For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree and Higher
Day Care Worker Sales Associate Educational Administrative Assistant Recreation/Fitness Trainer Law Enforcement Officer Aerobics Instructor Military Specialist	Day Care Owner Training Manager Media Center Assistant Physical Therapy Assistant Teachers Aide Preschool Teacher Public Health Educator Fitness Trainer Industry/Business Trainer	Day Care Owner Training Manager Media Center Assistant Physical Therapy Assistant Adult Education Teacher ES/MS/HS Teacher Principal College/University Administrator/Faculty Member Industrial Coordinator School/Career Center Counselor Special Education Teacher Farm and Home Management Advisor Coach Career Specialist Military Officer

- \* 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: Health Science Major: Biomedical Sciences (PLTW)

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			Comprehensive Health Education Pass all sections of HSAP

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Principles of Biomedical Sciences (1 unit) Human Body Systems (1 unit)	Anatomy & Physiology JROTC Modern Languages	Career mentoring Job shadowing Internship Cooperative education

Medical Interventions (1 unit) Science Research (1 unit)	Fine Arts courses Child Development Psychology AP Biology • AHS 102 (Med Vocabulary) • MLT 101 (Intro to Medical Lab) • PSY 201 (General Psychology) •• Medical Terminology	Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project
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<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 Medical Office Receptionist Admitting Clerk Military Specialist	Registered Nurse Dental Assistant/Hygienist Phlebotomist Vet Technician Radiology Technician Pharmacy Technician Athletic Trainer Surgical Technician Licensed Practical Nurse Cardiovascular Technologist EKG Technician Embalmer EMT/Paramedic	Biological Technologists Biological Chemist Biomedical Engineer Health Information Manager Ultrasound Technician Pharmaceutical Scientist Microbiology Technologist Biochemical Technologist Biochemical Pharmacologist Clinical Laboratory Supervisor Nurse Doctor Pharmacist Radiologist Military Officer

- \* 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.
- # College credit after successful completion of the National Certification Exam



# The School District of Pickens County Curriculum Templates

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

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	<b>*Biology 1</b> Biology CP/H	Applied Biology 2 Biology 2 <b>* Chemistry Tech</b> Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			Comprehensive Health Education Pass all sections of HSAP

Required Units for Major (Six credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Introduction to Health Science (1cr) Health Science Technology 1 (2 units) Health Science Technology 2	Sports Medicine (1 unit) Pharmacy Technician Anatomy & Physiology JROTC	Career mentoring Job shadowing Internship Cooperative education Service learning



(2 units) Medical Terminology + (2 units)	Modern Languages Fine Arts courses Child Development Psychology AP Biology • AHS 102 (Med Vocabulary) • MLT 101 (Intro to Medical Lab) • PSY 201 (General Psychology) ••	Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project
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<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 Medical Office Receptionist Home Health Aide Admitting Clerk Nurse's Aide/Orderly Patient Sitter Military Specialist	Registered Nurse Dental Assistant/Hygienist Phlebotomist Vet Technician Radiology Technician Pharmacy Technician Athletic Trainer Surgical Technician Licensed Practical Nurse Cardiovascular Technologist EKG Technician Embalmer EMT/Paramedic	Registered Nurse BSN Nurse Practitioner Doctor Pharmacist Nutritionist/Dietician Radiologist Military Nurse or Physician Asst.

**\*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
- 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: Health Science Major: Rehabilitation Specialists

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			Comprehensive Health Education Pass all sections of HSAP

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

	Sports Marketing Webpage Design Modern Languages NUR 170 (Nursing Applications) • PSY 201 (General Psychology) •• SOC 101 (Intro to Sociology) •• AHS 104 (Med Vocabulary) •	Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project HOSA
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<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 Occupational Therapy Assistant Nurse's Aide/Orderly Home Health Aide Military Specialist	Physical Therapy Assistant Certified Occupational Therapy Assistant ATC Registered Nurse Licensed Practical Nurse	Physical Therapist Occupational Therapist Certified Athletic Trainer Medical Doctor BS Registered Nurse Occupational Home and Safety Specialist Recreational Therapist Speech Pathologist Military Officer

- \* 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: 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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (***Eight credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Cosmetology 1 (2 units) 11 <sup>th</sup> grade Cosmetology 2 (2 units) 11 <sup>th</sup> grade Cosmetology 3 (2 units) 12 <sup>th</sup> grade Cosmetology 4 (2 units) 12 <sup>th</sup> grade	JROTC Anatomy & Physiology Chemistry 2 Modern Languages Business and Personal Finance Fine Arts courses	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing

Possible Future Additions to Curriculum: Nail Technology Aesthetics	Family Life Education Fashion, Fabric and Design Foods and Nutrition Parenting Education	Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project
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<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 Shampooer Barbers	Massage Therapists Nail Technicians Manicurist Pedicurist Salon Owner/Manager Cosmetologist Cosmetology Instructor	Shop Owner/Manager 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: Child Development

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			Comprehensive Health Education Pass all sections of HSAP

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Family and Consumer Sciences 1 (1cr) Family and Consumer Sciences 2 (1cr) Plus: Child Development 1 and 2 (SC)	Teacher Cadet (highly recommended) JROTC Leadership Civic Responsibility	Career mentoring Job shadowing Internship Cooperative education Service learning

Virtual School) Possible Future Additions to Curriculum:	Psychology Accounting Fine Arts / Modern Languages Foods and Nutrition Family Life Education (virtual school) Parenting Education (virtual school) Speech Music Course ACC 101 (Accounting Principles) •• SPC 205(Public Speaking) •• PSY 201 (General Psychology) •• ECD 101 (Intro to Early Childhood) •	Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project Babysitting class (hospital)
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<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 Nannies	Teacher Assistant Activities Director Parent Educator (2 or 4 yr) Preschool Teacher	Child, Family, and School Social Workers Day Care Director Child Psychologist Kindergarten Teacher Elementary School Teacher Pediatrician 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
- 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: Fashion Design

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			Comprehensive Health Education Pass all sections of HSAP

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Family and Consumer Sciences 1 (1cr) Family and Consumer Sciences 2 (1cr) Plus:	JROTC Teacher Cadet • Child Development Psychology Leadership	Career mentoring Job shadowing Internship Cooperative education Service learning



Fashion Design 1 (1cr) Fashion Design 2 (1cr) Possible Future Additions to Curriculum:	Biology Anatomy and Physiology Accounting Fine Arts / Modern Languages Foods and Nutrition Family Life Education (virtual school) Parenting Education (virtual school) Speech Music Course ACC 101 (Accounting Principles) •• SPC 205(Public Speaking) •• PSY 201 (General Psychology) •• ECD 101 (Intro to Early Childhood) •	Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project Babysitting class (hospital)
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<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>
Retail store fashion salesperson Retail store assistant manager	Fashion design assistant	Fashion Designer Fashion Consultant Fashion Design Teacher Fashion Design Artist

- \* 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: Foods and Nutrition

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			Comprehensive Health Education Pass all sections of HSAP

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Family and Consumer Sciences 1 (1cr) Family and Consumer Sciences 2 (1cr) Plus:	Teacher Cadet • Child Development Psychology JROTC Leadership	Career mentoring Job shadowing Internship Cooperative education Service learning

Foods & Nutrition 1 (1cr) Foods & Nutrition 2 (1cr) Possible Future Additions to Curriculum:	Biology Anatomy and Physiology Accounting Fine Arts / Modern Languages Foods and Nutrition Family Life Education (virtual school) Parenting Education (virtual school) Speech Music Course ACC 101 (Accounting Principles) •• SPC 205(Public Speaking) •• PSY 201 (General Psychology) •• ECD 101 (Intro to Early Childhood) •	Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project Babysitting class (hospital)
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Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree and Higher
Food service Worker	Food service assistant Food service shift manager Hospital Food Service Assistant Activities Director	Nutritionist Child, Family, and School Social Workers Day Care Director Elementary School Teacher

- \* 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: Housing and Interiors

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Family and Consumer Sciences 1 (1cr) Family and Consumer Sciences 2 (1cr)	JROTC Teacher Cadet • Child Development Psychology	Career mentoring Job shadowing Internship Cooperative education

Plus: Housing and Interiors 1 Housing and Interiors 2  Possible Future Additions to Curriculum: Early Childhood Education	Leadership Biology Anatomy and Physiology Accounting Fine Arts / Modern Languages Foods and Nutrition Family Life Education Parenting Education Speech Music Course ACC 101 (Accounting Principles) •• SPC 205(Public Speaking) •• PSY 201 (General Psychology) •• ECD 101 (Intro to Early Childhood) •	Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project Babysitting class (hospital)
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<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>
Retail furniture store salesperson Retail furniture store assistant manager	Interior Design Assistant Set Designer Assistant	Interior Design store owner Interior Designer Housing Design Expert Set 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
- 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: Psychological and Counseling Services

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			
Required Units for Major (Four credits required)		Complementary Coursework		Extended Learning Opportunity Options Related to Major
Psychology Sociology Family Life Education		Anatomy & Physiology Law Education Fine Arts courses		Career mentoring Job shadowing Internship Cooperative education

Leadership Child Development  Possible Future Additions to Curriculum: Conflict Resolution and Mediation Peer Mediation	Foods and Nutrition Music courses Civic Responsibility Teacher Cadet • Modern Languages Criminal Justice Law, Public Safety Courses PSY 201 (General Psychology) •• SOC 101 (Intro to Sociology) •• SPC 205 (Public Speaking) •• JROTC	Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project
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<b>Professional Opportunities Upon Graduation</b> For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree and Higher
Social and Human Services Assistant Adult Day Care Worker Psychiatric Aide Certified Nursing Assistant Military Specialist	Employment Counselor Vocational Rehab Counselor Psychiatric Technician	Mental Health Counselor Marriage, Child & Family counselor Clinical/Counseling/Educational Psychiatrist Organizational/ Industrial Psychiatrist Registered Nurse Social Worker Mental Health/Substance Abuse Social Worker Minister Military Officer

- \* 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: Government and Public Administration

### Major: Civil Service

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

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



Accounting	Law Enforcement Services PSY 201 (General Psychology) •• SOC 101 (Intro to Sociology) •• SPC 205 (Public Speaking) ••	Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project Youth In Government Mock trial Youth Court
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<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 Fireman Military Information and Records Clerk Administrative Assistant Tour Guide Office Clerk Park Attendant Military Specialist	Border Patrol Office Manager Government Clerk Social/Community Services Manager Title Searcher Inspector	Politician Tax Auditor City Planner Assessor Urban and Regional Planner Public Administrator Environmental Compliance Inspector Military Officer

- \* 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: Government and Public Administration Major: Military Science

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			Comprehensive Health Education Pass all sections of HSAP

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
JROTC Aerospace 1, 2, 3, 4 JROTC Naval Science 1, 2, 3, 4 JROTC Military Science 1, 2, 3, 4 Military History	Modern Languages Multimedia Psychology Family Life Education Sociology Speech	JROTC Teams or Competitions Must take ASVAB in the Fall of Jr. or Sr. year Must complete medical pre-screening by completion of 10 grade

	Graphic Communications Leadership Civic Responsibility Law Education SPC 205 (Public Speaking) •• CPT 170 (Microcomputer Applications) • PSY 201 (General Psychology) ••	
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<b>Professional Opportunities Upon Graduation</b>		
For additional college entrance requirements, refer to the college of your choice.		
<b>High School Diploma</b> Military Specialist Law Enforcement Officer Military Recruiter Correctional Officer	<b>2-Year Associate Degree</b> Military Specialist/NCO Law Enforcement Officer Military Recruiter Correctional Officer	<b>4-Year Degree and Higher</b> Military Officer FBI Agent Federal Marshal Secret Service Agent
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
- 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: Law, Public Safety, and Security

### Major: Law Enforcement, Emergency Services & Fire Management

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			Comprehensive Health Education Pass all sections of HSAP

<b>Required Units for Major</b> (Six credits required)	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Law Enforcement Services 1 (2 units) Law Enforcement Services 2 (2 units) Emergency and Fire Management Services 1 (2 units) Emergency and Fire Management Services 2 (2 units)	JROTC Modern Languages Leadership Family Life Education Child Development Psychology Civic Responsibility Law Education Criminal Justice Sociology Multimedia Weightlifting Conflict Resolution Anatomy and Physiology PSY 201 (General Psychology) • • CPT 170 (Microcomputer Applications) • CRJ 101 (Intro to Criminal Justice) •	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project Rescue Squad Law Enforcement or Firefighting Explorers Mock Trial 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 Rescue Worker - Fire Combat Medic - Fire Bailiff - LE Crossing Guard - LE Firefighter - Fire Animal Control Worker - LE Forest Fire Fighter - Fire Radio Operator - LE Security Guard - LE Emergency Vehicles Dispatcher – LE Military Specialist	EMT – Fire Paramedic - Fire Athletic Trainer - Fire Firefighter - Fire Correctional Officer - LE Criminal Investigator - LE Fire Inspector/Investigator - Fire Fish and Game Warden - LE Police Detective - LE Private Investigator - LE Sheriff/Deputy Sheriff - LE Police Officer/Patrolman - LE	Planning Manager - LE Emergency Manager - Fire Doctor - Fire Registered Nurse - Fire Immigration/Customs Agent - LE Judge - LE Attorney - LE FBI Agent – LE Military Police Officer JAG - Judge Advocate General Officer

- \* 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.
- LE = Law Enforcement  
Fire= Fire Management



# The School District of Pickens County Curriculum Templates

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

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)		Comprehensive Health Education Pass all sections of HSAP	

Required Units for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Psychology Criminal Justice Law Education Fifth Unit of English Speech Creative Writing Civic Responsibility/Leadership	JROTC Modern Languages Family Life Education Multimedia Law Enforcement Services Desktop Publishing SPC 205(Public Speaking) ••	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory

	PSY 201 (General Psychology) •• SOC 101 (Intro to Sociology) •• English 101-102 ••	Kuder Skills Inventory Kuder Work Values Inventory SCOIS explorations Senior project Youth In Government Youth Court
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Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree and Higher
Legal Secretary Court Reporter File Clerk Court Clerk Legal Receptionist Bailiff Military Specialist	Paralegal Legal Assistant Law Clerk Parole and Probation Officer Fish and Game Warden Employee Benefits Specialist Justice of the Peace Compliance Officer	Attorney Judge Mediator/Arbitrator/Conciliator/Adjudicator Magistrate Military Officer

- \* 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 Environmental & Agricultural Services Cluster: Agriculture, Food, and Natural Resources Major: Agriculture Mechanics

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			Comprehensive Health Education Pass all sections of HSAP

Required Units for Major (Six credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Agriculture Science and Technology I (2 units) Equipment Operation and Maintenance (1 credit) Agriculture Mechanics and Technology for the workplace (2 units) Agriculture Mechanics and	Environmental and Natural Resources Management (1 unit) Wildlife Management JROTC Modern Languages Environmental Science Visual Arts Courses	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory



Technology for the workplace (2 units) Animal Science for the Workplace (2 Units)  Possible Future Additions to Curriculum: Floriculture Nursery, Greenhouse, and Garden Center Technology	Architectural Design courses	SCOIS explorations Senior project
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<b>Professional Opportunities Upon Graduation</b> For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree and Higher
Agriculture Mechanic Groundskeeper Nursery/Greenhouse Worker Tree Trimmer/Pruner Forest/Conservation Worker Military Specialist	Groundskeeper Supervisor Forest Worker Nursery/Greenhouse Manager	Urban & Regional Planner Landscape Architect Park Naturalist Plant Scientist Military Officer

- \* 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 Environmental & Agricultural Services Cluster: 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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit)+ Modern Languages or CATE (one unit) Electives (seven units)  Comprehensive Health Education Pass all sections of HSAP			

Required Units for Major (Six credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Agricultural Science and Technology for the Workplace (2 units) Small Animal Care (2 units) Animal Science for the Workplace 1 (2 units) Equine Science (1 credit)	Farm Animal Production (1 unit) Small Animal Care Wildlife Management Horticulture • JROTC Modern Languages Environmental Science	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory

Veterinary Science (1 credit)	Psychology	SCOIS explorations Senior project
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<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 Pet Store Clerk Small Engine Service Worker Fending and Structures Worker Equine Groom Assistant Lawn Care Worker Landscaping Worker Forest/Conservation Worker Agricultural Equipment Operator Agricultural Sprayer Animal Caretaker Farm and Ranch Animals Farm Worker Military Specialist	Veterinary Assistant Veterinary Technician Irrigation Technician Equipment Technician Equipment Fabricator Park Ranger Forest Ranger Animal Breeder Inspector of Agricultural Products	Farming/Ranch Manager Research Analyst Aquaculture Head Grounds Keeper Animal Scientist Soil Conservationist Soil Scientist Agricultural Engineer Microbiologist Landscape Designer Fish and Game Warden Agricultural Educator Agricultural Extension Agent Veterinarian Equine Therapist

- \* 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 Environmental & Agricultural Services Cluster: Agriculture, Food, and Natural Resources Major: Horticulture

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> Four units	English 1 CP English 2 H	English 2 CP English 3 H	English 3 CP English 4 H AP Language and Composition	English 4 CP+ AP English Literature and Composition AP English Language and Composition English 101/English 102
<b>Math *</b> Four units	Math Tech 1 Algebra 1 Geometry CP/H	Math Tech 2 Geometry CP/H Algebra 2 CP/H	Math Tech 3 Algebra 2 CP/H Pre-Calculus CP/H	Pre-Calculus Probability and Stats Math Tech 4 Calculus H AP Calculus AB AP Calculus BC
<b>Science *</b> Three units	Physical Science CP/H	Applied Biology 1 Biology CP/H	Applied Biology 2 Biology 2 Chemistry Tech Chemistry CP/H Physics CP/H	Chemistry CP/H Physics CP/H Environmental Science
<b>Social Studies</b> Three units	World Geography CP/H	World History CP/H	U.S. History CP/H AP US History	Economics and Government Psychology Sociology
<b>Additional Graduation Requirements</b> Pass Exit Exam CHE Requirement	Physical Education or JROTC (one unit) Computer Science (one unit) + Modern Languages or CATE (one unit) Electives (seven units)			Comprehensive Health Education Pass all sections of HSAP

Required Units for Major (Six credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Agriculture Science and Technology I (2 units) Turf and Lawn Management (1 unit) Horticulture for the Workplace 1 (2 units) Horticulture for the Workplace 2 (2 units)	Environmental and Natural Resources Management (1 unit) Wildlife Management JROTC Modern Languages Environmental Science Visual Arts Courses	Career mentoring Job shadowing Internship Cooperative education Service learning Virtual job shadowing Kuder Interest Inventory Kuder Skills Inventory Kuder Work Values Inventory

Possible Future Additions to Curriculum: Floriculture Nursery, Greenhouse, and Garden Center Technology	Architectural Design courses	SCOIS explorations Senior project
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<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 Groundskeeper Nursery/Greenhouse Worker Tree Trimmer/Pruner Forest/Conservation Worker Military Specialist	Floral Designer Florist Forest Worker Nursery/Greenhouse Manager	Urban & Regional Planner Landscape Architect Park Naturalist Plant Scientist Military Officer

- \* 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.



## Military Career Fields

**Military Specialist** careers are available in the general categories listed below for qualified individuals with a high school education. Starting salary is \$16,164 with free room and board, enlistment bonus, and full medical benefits. Pay and benefit information can be found at [www.todaysmilitary.com](http://www.todaysmilitary.com). Specific job information is located at the following websites:

Air Force	<a href="http://www.airforce.com">www.airforce.com</a>	Coast Guard/CG Reserve	<a href="http://www.gocoastguard.com">www.gocoastguard.com</a>
Air Force Reserve	<a href="http://www.afreserve.com">www.afreserve.com</a>	Marine Corps	<a href="http://www.marines.com">www.marines.com</a>
Air National Guard	<a href="http://www.goang.com">www.goang.com</a>	Marine Corps Reserve	<a href="http://www.marforres.usmc.mil">www.marforres.usmc.mil</a>
Army	<a href="http://www.goarmy.com">www.goarmy.com</a>	Navy	<a href="http://www.navy.com">www.navy.com</a>
Army National Guard	<a href="http://www.1800guard.com">www.1800guard.com</a>	Navy Reserve	<a href="http://www.navyreserve.com">www.navyreserve.com</a>
Army Reserve	<a href="http://www.goarmyreserve.com">www.goarmyreserve.com</a>		

**Military Officer** careers are open to individuals who take college level ROTC and complete a four-year degree, or for those who graduate from one of the Service Academies. Starting salary is \$34,000 with full medical benefits. ROTC, scholarship and academy information can be found at these websites:

Air Force ROTC	<a href="http://www.afrotc.com">www.afrotc.com</a>	Air Force Academy	<a href="http://www.usafa.af.mil">www.usafa.af.mil</a>
Army ROTC	<a href="http://www.armyrotc.com">www.armyrotc.com</a>	Military Academy	<a href="http://www.usma.edu">www.usma.edu</a>
Navy ROTC	<a href="http://www.nrotc.navy.mil">www.nrotc.navy.mil</a>	Naval Academy	<a href="http://www.usna.edu">www.usna.edu</a>
		Coast Guard Academy	<a href="http://www.cga.edu">www.cga.edu</a>

**Administrative Support** focuses on support activities dealing with personnel, administration, finance, information, supply, and religious services.

**Arts and Media** covers the administration, communication and supervision of affairs for both military and civilian audiences. Specialties include public affairs, broadcast technicians, graphic designers, translators, journalists and musicians.

**Combat** involves reconnaissance, security and other aspects of both offensive and defensive combat situations. Jobs include artillery specialists, infantry, special operations, tank crew and aviation.

**Computers and Technology** includes technical and informational support for a variety of areas such as computers, communications, environmental health, intelligence, and unmanned vehicle operations.

**Engineering** focuses on every aspect of construction, including electrical, carpentry, masonry and plumbing, as well as heavy equipment operation and supervising construction engineering.

**Legal and Law Enforcement** involves keeping people and property safe. Duties include paralegal, firefighters, military police, criminal investigators, security and emergency specialists.

**Mechanics** concerns keeping vehicles and machines in proper running order. Assignments range from heating and cooling mechanics to vehicle mechanics who service aircraft, wheeled and tracked vehicles, heavy equipment and watercraft.

**Medical** consists of jobs in medical, dental and veterinary fields. Positions cover a variety of responsibilities throughout the military health care field, from clinical settings to point of injury.

**Transportation** involves the movement of troops, equipment, supplies and machinery.