

# CURRICULUM FRAMEWORK, SCHOOLS OF STUDY, AND MAJORS



## Wando High School



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Lucy G. Beckham, Principal



2009 - 2010

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County SCHOOL DISTRICT



## CURRICULUM FRAMEWORK, SCHOOLS OF STUDY, AND MAJORS

All Wando High School students are strongly encouraged to develop goals and plans for life after high school graduation. Students will be asked to select a major in one of the career-related **Schools of Study** offered at Wando. This choice is a collaborative effort involving students, parents, teachers, and counselors. Students will select a major that reflects their interests and abilities leading to the achievement of personal, education, and career goals. During registration each spring, students will have the opportunity to reevaluate their goals and adjust their plans accordingly.

**Four Schools of Study** have been established:

School of Arts and Humanities  
School of Business and Information Systems  
School of Mathematics, Science, and Engineering  
School of Health, Human and Public Services

Based on their choices, students will be able to follow our Curriculum Framework which organizes our many course offerings based on a student's long-term college and career goals. No matter what major a student chooses, the high school graduation core requirements are the same. The intent of the Curriculum Framework is to clearly advise students of recommended elective choices concentrating on the courses which provide the best preparation for post-secondary education and employment. A listing and description of all courses offered at Wando is provided in the Program of Studies which is updated annually.

We believe using a career-related school approach to teaching and learning will help students to see the relevance of their course work and its connection to their future. Teachers are assigned to a "School of Study" based on their individual interests and their academic and professional training. To help build a greater sense of community among faculty and students, each "School" is assigned to its own area within the larger building. We anticipate that when fully implemented each "School of Study" will serve 450 – 800 students, compared to the 2300 students currently in grades 10 – 12. Wando's Schools of Study will allow greater personalization and provide opportunities for stronger relationships among students and between students and staff.

Our Honors and Advanced Placement courses will be interspersed among the Schools. Our Honors/Advanced Placement students already have an informal smaller learning community established but they will also benefit from focused goal-setting and college and career planning. Students who complete at least four Advanced Placement courses will be recognized as having completed an Advanced Placement major.

# TABLE OF CONTENTS

Wando High School Curriculum Framework, 10<sup>th</sup> – 12<sup>th</sup> Grades ..... 1

## School of Arts and Humanities

**Arts and Communications Cluster** ..... 2

**Majors**

- Advanced Placement ..... 2
- Arts and Architecture ..... 2
- Digital Art and Design ..... 2
- English ..... 3
- Fashion Design and Apparel Construction ..... 3
- Journalism and Mass Communication ..... 3
- Modern and Classical Languages ..... 4
- Performing Arts ..... 4
- Visual Arts ..... 4

**Education and Training Cluster** ..... 5

**Major**

- Teaching and Training ..... 5

## School of Business and Information Systems

**Business, Management, and Administration Cluster** ..... 6

**Majors**

- Business Information Management ..... 6
- General Management ..... 6
- Operations Management ..... 6

**Finance Cluster** ..... 7

**Major**

- Accounting ..... 7

**Hospitality and Tourism Cluster** ..... 7

**Majors**

- Culinary Arts ..... 7
- Hospitality Management and Operations ..... 8

**Information Technology Cluster** ..... 8

**Majors**

- Information and Support Services ..... 8
- Interactive Media ..... 9
- Networking Systems ..... 9
- Programming and Software Development ..... 9

<b>Marketing, Sales, and Service Cluster</b> .....	10
<b>Majors</b>	
Marketing Communications .....	10
Marketing Management .....	10

## School of Mathematics, Science, and Engineering

<b>Agriculture, Food, and Natural Resources Cluster</b> .....	11
<b>Majors</b>	
Ecology .....	11
Horticulture .....	11
<b>Science, Technology, Engineering, and Mathematics Cluster</b> .....	11
<b>Majors</b>	
Computer Science .....	11
Engineering .....	12
Mathematics .....	12
Science .....	12
<b>Transportation, Distribution, and Logistics Cluster</b> .....	13
<b>Major</b>	
Logistics, Planning, and Management .....	13

## School of Health, Human and Public Services

<b>Government and Public Administration Cluster</b> .....	14
<b>Majors</b>	
Military Leadership .....	14
Public Service and Administration .....	14
<b>Health Science Cluster</b> .....	15
<b>Majors</b>	
Biomedical Sciences .....	15
Biotechnology, Medical Science and Research .....	15
Health Science .....	16
<b>Human Services Cluster</b> .....	16
<b>Major</b>	
Early Care and Education .....	16
<b>Law, Public Safety, and Security Cluster</b> .....	16
<b>Majors</b>	
Law and Legal Services .....	16
Emergency and Fire Management Services (future offering) .....	16
Law Enforcement Services (future offering) .....	16

<b>2009-2010 Wando High School Curriculum Framework: Grades 10 - 12</b> .....	17
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# Wando High School Curriculum Framework 10<sup>th</sup> - 12<sup>th</sup> Grades

## School of Arts and Humanities

### Arts and Communications

- Advanced Placement
- Arts and Architecture
- Digital Art and Design
- English
- Fashion Design and Apparel Construction
- Journalism and Mass Communication
- Modern and Classical Languages
- Performing Arts
- Visual Arts

### Education and Training

- Teaching and Training

## School of Business and Information Systems

### Business, Management, and Administration

- Business Information Management
- General Management
- Operations Management

### Finance

- Accounting

### Hospitality and Tourism

- Culinary Arts
- Hospitality Management and Operations

### Information Technology

- Information Support and Services
- Interactive Media
- Networking Systems
- Programming and Software Development

### Marketing, Sales, and Service

- Marketing Communications
- Marketing Management

## School of Mathematics, Science, and Engineering

### Agriculture, Food, and Natural Resources

- Ecology
- Horticulture

### Science, Technology, Engineering, and Mathematics

- Computer Science
- Engineering
- Mathematics
- Science

### Transportation, Distribution, and Logistics

- Logistics, Planning, and Management

## School of Health, Human and Public Services

### Government and Public Administration

- Military Leadership
- Public Service and Administration

### Health Science

- Biomedical Sciences
- Biotechnology, Medical Science and Research
- Health Science

### Human Services

- Early Care and Education

### Law, Public Safety, and Security

- Law and Legal Services
- Emergency and Fire Management Services  
(future offering)
- Law Enforcement Services (future offering)

# School of Arts and Humanities

## Arts and Communications Cluster

### Major: Advanced Placement

Required Courses for Major (Minimum of four credits required)
Any four Advanced Placement courses

Complementary Courses
AP Seminars linked to Advanced Placement courses Any honors courses that would complement the area of interest

### Major: Arts and Architecture

Required Courses for Major (Minimum of four credits required)
<b>Civil Engineering and Architecture*</b> <b>Fundamentals of Visual Design (Art 1)*</b> <b>Introduction to Engineering Design*</b> <b>Two-Dimensional Design 1 (2-D I)*</b>

Complementary Courses
Other Art electives Calculus Digital Art and Design 1 (Advertising Design 1) Digital Art and Design 2 (Advertising Design 2) Digital Imaging 1 (Photoshop 1) Digital Imaging 2 (Photoshop 2) Digital Multimedia Other Engineering electives History of the Lowcountry Industrial Technology 1 Industrial Technology 2 Integrated Business Applications 1 (Advanced Microsoft Office Suite Applications 1) Internship Modern and Classical Language courses Physics Principles of Engineering Roman Civilization Technical Writing

\*required

### Major: Digital Art and Design

Required Courses for Major (Minimum of four credits required)
<b>Digital Art and Design 1 (Advertising Design 1)*</b> <b>Digital Art and Design 2 (Advertising Design 2)*</b> Digital Art and Design 3 Digital Art and Design 4 Work-based Learning

Complementary Courses
Advanced Gaming and Animation Animated Computer Production Anatomy and Physiology Art classes Astronomy Digital Desktop Publishing Digital Imaging 1 (Photoshop 1) Digital Imaging 2 (Photoshop 2) Digital Multimedia Marine Science Marketing Web Page Design and Development 1

\*required

## Major: English

Required Courses for Major (Minimum of four credits required)	Complementary Courses
AP English Language and Composition AP English Literature and Composition Creative Writing English Composition I, ENG 101 (Dual Credit) English Composition II, ENG 102 (Dual Credit) Journalism (one credit only) Newspaper Production Public Speaking, SPC 205 (Dual Credit) Speech	African-American and Multicultural Studies Broadcast Journalism 1 Broadcast Journalism 2 Drama courses Other English courses Fine Arts courses Internship Journalism courses Latin Social Studies courses Teacher Cadet Yearbook Production 1 Yearbook Production 2

## Major: Fashion Design and Apparel Construction

Required Courses for Major (Minimum of four credits required)	Complementary Courses
<b>Fashion Design and Apparel Construction 1*</b> <b>Fashion Design and Apparel Construction 2*</b> Entrepreneurship Fashion, Fabric and Design 1 Fashion Merchandising Marketing Management Work-based Learning	Advanced Computer electives Digital Imaging 1 (Photoshop 1) Digital Imaging 2 (Photoshop 2) Modern and Classical Language courses Technical Writing Visual Arts electives

\*required

## Major: Journalism and Mass Communication

Required Courses for Major (Minimum of four credits required)	Complementary Courses
Journalism 1 AP English Language and Composition AP English Literature and Composition Broadcast Journalism 1 Broadcast Journalism 2 Creative Writing Digital Desktop Publishing English Composition I, ENG 101 (Dual Credit) English Composition II, ENG 102 (Dual Credit) Integrated Business Applications 1 (Advanced Microsoft Applications 1) Newspaper Production 1, 2 Public Speaking, SPC 205 (Dual Credit) Speech Yearbook 1, 2	African-American and Multicultural Studies Digital Imaging 1 (Photoshop 1) Digital Imaging 2 (Photoshop 2) Digital Multimedia Drama electives Film Appreciation Internship Modern and Classical Language courses Science electives Social Studies electives Stage Technology 1 Stage Technology 2

## Major: Modern and Classical Languages

Required Courses for Major (Minimum of four credits required)	Complementary Courses
French 2, 3, 4, 5 OR German 2, 3, 4, 5 OR Spanish 2, 3, 4, 5 OR Latin 2, 3, 4, 5 OR Levels 2, 3 of one language <b>and</b> Levels 1, 2 of another language OR Levels 2, 3, 4 of one language <b>and</b> Levels 1 of another world language	Aerospace Science AP European History OR AP World History Anatomy and Physiology Global Business (globalMARKETS™) Internship Medical Terminology Other Modern and Classical Language courses Roman Civilization Science electives Social Studies electives Teacher Cadet

## Major: Performing Arts

Required Courses for Major (Minimum of four credits required)	Complementary Courses
Band courses Chorus courses Dance courses Drama courses Orchestra courses	Film Appreciation Fine Arts courses Internship Lyrical History Modern and Classical Language courses Speech Public Speaking, SPC 205 (Dual Credit) Stage Technology 1 Stage Technology 2 Teacher Cadet

## Major: Visual Arts

Required Courses for Major (Minimum of four credits required)	Complementary Courses
<b>Fundamentals of Visual Design (Art 1)*</b> AP Art - Drawing Portfolio AP Art - 2-D Design Portfolio AP Art - 3-D Design Portfolio Pre-AP Art (2-D) Pre-AP Art (3-D) Digital Multimedia Three-Dimensional Design 1 (3-D I) Three-Dimensional Design 2 Honors (3-D II H) Two-Dimensional Design 1 (2-D I) Two-Dimensional Design 2 Honors (2-D II H) Web Page Design and Development 1	Broadcast Journalism 1 (Video Production 1) Broadcast Journalism 2 (Video Production 2) Civil Engineering and Architecture Digital Art and Design 1 (Advertising Design 1) Digital Desktop Publishing Digital Imaging 1 (Photoshop 1) Digital Imaging 2 (Photoshop 2) Fashion Design and Apparel Construction 1 Fashion, Fabric and Design 1 Film Appreciation Internship Marketing Teacher Cadet

\*required

## Education and Training Cluster

### Major: Teaching and Training

Required Courses for Major (Minimum of four credits required)	Complementary Courses
AP course of choice Digital Multimedia Dual Credit course of choice General Psychology, PSY 201 (Dual Credit) Human Growth and Development, PSY 203 (Dual Credit) Music Appreciation, MUS 105 (Dual Credit) Psychology Public Speaking, SPC 205 (Dual Credit) Sociology Speech Teacher Cadet	Aerospace Science Child Development 1 Content Specific electives Internship Leadership Performing Arts electives Visual Arts courses Modern and Classical Language courses

# School of Business and Information Systems

## Business, Management, and Administration Cluster

### Major: Business Information Management

Required Courses for Major (Minimum of four credits required)	Complementary Courses
<b>Digital Desktop Publishing*</b> <b>Web Page Design and Development 1*</b> Digital Imaging 1 (Photoshop 1) Digital Imaging 2 (Photoshop 2) Digital Input Technology Digital Multimedia Information Technology Foundations Integrated Business Applications 1 (Advanced Microsoft Office Suite Applications 1) Work-based Learning	Business Law Computer Programming courses Digital Art and Design 1 (Advertising Design 1) Digital Art and Design 2 (Advertising Design 2) Global Business (globalMARKETS™) Marketing courses Probability and Statistics

\*required

### Major: General Management

Required Courses for Major (Minimum of four credits required)	Complementary Courses
<b>Accounting 1*</b> <b>Entrepreneurship*</b> Accounting 2 Business Law Global Business (globalMARKETS™) Integrated Business Applications 1 (Advanced Microsoft Office Suite Applications 1) Virtual Enterprise 1 Virtual Enterprise 2 Virtual Enterprise 3 Virtual Enterprise 4 Work-based Learning	Advanced Computer electives Computer Programming courses Digital Art and Design 1 (Advertising Design 1) Digital Art and Design 2 (Advertising Design 2) Digital Imaging 1 (Photoshop 1) Environmental Studies Marketing Marketing Management Probability and Statistics Psychology Speech Sports and Entertainment Marketing Technical Writing

\*required

### Major: Operations Management

Required Courses for Major (Minimum of four credits required)	Complementary Courses
<b>Virtual Enterprise 1*</b> <b>Virtual Enterprise 2*</b> Accounting 1 Accounting 2 Business Law Entrepreneurship Integrated Business Applications 1 (Advanced Microsoft Office Suite Applications 1) Virtual Enterprise 3 Virtual Enterprise 4 Work-based Learning	Advanced Computer electives Business and Personal Finance Digital Multimedia Global Business (globalMARKETS™) Marketing Marketing Management Modern and Classical Language courses Probability and Statistics Psychology Speech Technical Writing

\*required

## Finance Cluster

### Major: Accounting

Required Courses for Major (Minimum of four credits required)	Complementary Courses
<b>Accounting 1*</b> <b>Accounting 2*</b> Business and Personal Finance Integrated Business Applications 1 (Advanced Microsoft Office Suite Applications 1) Virtual Enterprise 1 Virtual Enterprise 2 Virtual Enterprise 3 Virtual Enterprise 4 Work-based Learning	Business Law Entrepreneurship Marketing Modern and Classical Language courses Speech

\*required

## Hospitality and Tourism Cluster

### Major: Culinary Arts

Required Courses for Major (Minimum of four credits required)	Complementary Courses
<b>Culinary Arts 1 (2 units)*</b> <b>Culinary Arts 2 (2 units)*</b> Accounting 1 Accounting 2 Entrepreneurship Hospitality Management and Operations 1 (Hotel Management and Tourism 1) Hospitality Management and Operations 2 (Hotel Management and Tourism 2) Work-based Learning	Advertising Business Law Business and Personal Finance Digital Desktop Publishing Digital Imaging 1 (Photoshop 1) Digital Multimedia History of the Lowcountry Internship Marketing courses Modern and Classical Language courses Psychology Speech Web Page Design and Development 1

\*required

## Major: Hospitality Management and Operations

Required Courses for Major (Minimum of four credits required)	Complementary Courses
<b>Hospitality Management and Operations 1 (Hotel Management and Tourism 1)*</b> <b>Hospitality Management and Operations 2 (Hotel Management and Tourism 2)*</b> Accounting 1 Accounting 2 Culinary Arts 1 Entrepreneurship Marketing Management Sports and Entertainment Marketing Work-based Learning	Advanced Computer elective Advertising Business Law Digital Imaging 1 Digital Multimedia Environment Studies Global Business (globalMARKETS™) History of the Lowcountry Marine Science Marketing Modern and Classical Language courses Psychology Speech Virtual Enterprise 1 Virtual Enterprise 2 Virtual Enterprise 3 Virtual Enterprise 4 Web Page Design and Development 1 Wildlife Biology and Management

\*required

## Information Technology Cluster

### Major: Information Support and Services

Required Courses for Major (Minimum of four credits required)	Complementary Courses
<b>Computer Service Technology 1 (A+)*</b> <b>Computer Service Technology 2 (A+)*</b> AP Computer Science Computer Programming 1 Computer Programming 2 Computer Programming 3 Information Technology Foundations Integrated Business Applications 1 (Advanced Microsoft Office Suite Applications 1) Networking 1 (Net+) Networking 2 (Net+) Work-based Learning	Animated Computer Production Computer Applications 2 Digital Desktop Publishing Digital Imaging 1 (Photoshop 1) Digital Imaging 2 (Photoshop 2) Digital Input Technology Digital Multimedia Technical Writing

\*required

## Major: Interactive Media

Required Courses for Major (Minimum of four credits required)
<b>Animated Computer Production*</b> <b>Digital Imaging 1 (Photoshop 1)*</b> Advanced Animation and Gaming Digital Desktop Publishing Digital Imaging 2 (Photoshop 2) Digital Multimedia Information Technology Foundations Integrated Business Applications 1 (Advanced Microsoft Office Suite Applications 1) Web Page Design and Development 1 Work-based Learning

\*required

Complementary Courses
AP Art - Drawing Portfolio AP Art - 2-D Design Portfolio AP Art - 3-D Design Portfolio Pre-AP Art (2-D) Pre-AP Art (3-D) Broadcast Journalism 1 Broadcast Journalism 2 Computer Programming 1 Computer Programming 2 Computer Programming 3 Digital Input Technology Fundamentals of Visual Art (Art 1) Technical Writing Three-Dimensional Design 1 (3-D I) Three-Dimensional Design 2 (3-D II) Two-Dimensional Design 1 (2-D I) Two-Dimensional Design 2 (2-D II)

## Major: Networking Systems

Required Courses for Major (Minimum of four credits required)
<b>Networking 1 (Net+)*</b> <b>Networking 2 (Net+)*</b> Computer Service Technology 1 (A+) Computer Service Technology 2 (A+) Information Technology Foundations Work-based Learning

\*required

Complementary Courses
Business Law Computer Programming 1 Computer Programming 2 Computer Programming 3 Integrated Business Applications 1 (Advanced Microsoft Office Suite Applications 1) Technical Writing

## Major: Programming and Software Development

Required Courses for Major (Minimum of four credits required)
<b>Computer Programming 1*</b> <b>Computer Programming 2*</b> AP Computer Science Animated Computer Production Computer Programming 3 Information Technology Foundations Web Page Design and Development 1 Work-based Learning

\*required

Complementary Courses
Calculus Advanced Computer electives Computer Service Technology 1 (A+) Computer Service Technology 2 (A+) Digital Desktop Publishing Digital Electronics Digital Imaging 1 Digital Imaging 2 Digital Multimedia Networking 1 (Net+) Networking 2 (Net+) Technical Writing

## Marketing, Sales, and Service Cluster

### Major: Marketing Communications

Required Courses for Major (Minimum of four credits required)	Complementary Courses
<b>Advertising*</b> <b>Marketing*</b> Digital Desktop Publishing Global Business (globalMARKETS™) Sports and Entertainment Marketing Virtual Enterprise 1 Virtual Enterprise 2 Virtual Enterprise 3 Virtual Enterprise 4 Web Page Design and Development 1 Work-based Learning	Accounting 1 Accounting 2 Digital Imaging 1 (Photoshop 1) Digital Imaging 2 (Photoshop 2) Entrepreneurship Integrated Business Applications 1 (Advanced Microsoft Office Suite Applications 1) Marketing Management Psychology Speech Technical Writing

\*required

### Major: Marketing Management

Required Courses for Major (Minimum of four credits required)	Complementary Courses
<b>Marketing*</b> <b>Marketing Management*</b> Accounting 1 Accounting 2 AP Accounting Business Law Entrepreneurship Hospitality Management and Operations 2 (Hotel Management and Tourism 2) Integrated Business Applications 1 (Advanced Microsoft Office Suite Applications 1) Virtual Enterprise 1 Virtual Enterprise 2 Virtual Enterprise 3 Virtual Enterprise 4 Work-based Learning	Advertising Global Business (globalMARKETS™) Hospitality Management and Operations 1 (Hotel Management and Tourism 1) Sports and Entertainment Marketing Technical Writing

\*required

# School of Mathematics, Science, and Engineering

## Agriculture, Food, and Natural Resources Cluster

### Major: Ecology

Required Courses for Major (Minimum of four credits required)
Digital Multimedia Earth Science Environmental Studies Integrated Business Applications 1 (Advanced Microsoft Office Suite Applications 1) Marine Science Wildlife Biology and Management

Complementary Courses
Biotechnical Engineering Civil Engineering and Architecture Digital Art and Design 1 (Advertising Design 1) Digital Art and Design 2 (Advertising Design 2) Industrial Technology 1 Internship Latin Modern and Classical Language courses Science electives

### Major: Horticulture

Required Courses for Major (Minimum of four credits required)
Introduction to Horticulture Landscape Technology*** Nursery, Greenhouse, and Garden Center Technology*** Turf and Lawn Management*** Work-based Learning

Complementary Courses
Digital Art and Design 1 (Advertising Design 1) Digital Art and Design 2 (Advertising Design 2) Digital Desktop Publishing Entrepreneurship Environmental Studies Marketing Sociology Speech Visual Arts courses Wildlife Biology and Management

\*\*\*future offering

## Science, Technology, Engineering, and Mathematics Cluster

### Major: Computer Science

Required Courses for Major (Minimum of four credits required)
AP Calculus AP Computer Science Calculus Computer Programming 1 Computer Programming 2 Computer Programming 3 Information Technology Foundations

Complementary Courses
Advanced Animation and Gaming Animated Computer Production OR Web Page Design and Development Computer Service Technology 1 (A+) Computer Service Technology 2 (A+) Engineering courses Internship Networking 1 (Net+) Networking 2 (Net+) Technical Writing

## Major: Engineering

Required Courses for Major (Minimum of four credits required)	Complementary Courses
<p><b>Introduction to Engineering Design*</b></p> <p>Aerospace Engineering            Biotechnical Engineering            Civil Engineering and Architecture            Computer Integrated Manufacturing            Digital Electronics            Engineering Design and Development            Principles of Engineering            Work-based Learning</p>	<p>Aerospace Science            Art electives            Calculus            Chemistry            Advanced Computer courses            Computer Programming electives            Computer Service Technology 1 (A+)            Computer Service Technology 2 (A+)            Digital Imaging 1 (Photoshop 1)            Digital Imaging 2 (Photoshop 2)            Environmental Studies            Industrial Technology 1            Industrial Technology 2            Modern and Classical Language courses            Networking 1 (Net+)            Networking 2 (Net+)            Physics            Advanced Science electives            Technical Writing</p>

\*required

## Major: Mathematics

Required Courses for Major (Minimum of four credits required)	Complementary Courses
<p><b>Honors or AP Calculus*</b></p> <p><b>Pre-Calculus*</b></p> <p>Accounting 2            AP Computer Science            AP Physics            AP Statistics            Computer Programming courses            Physics            Probability and Statistics</p>	<p>Accounting 1            Advanced Computer courses            AP Chemistry            Biomedical Sciences courses            Chemistry 2            Computer Programming courses            Computer Service Technology 1 (A+)            Computer Service Technology 2 (A+)            Engineering courses            Internship            Modern and Classical Language courses            Teacher Cadet            Technical Writing</p>

\*required

## Major: Science

Required Courses for Major (Minimum of four credits required)	Complementary Courses
<p>AP Biology            AP Chemistry            AP Physics            Anatomy and Physiology            Astronomy            Biology 2            Chemistry 2            Earth Science            Environmental Science            Marine Science            Physics            Wildlife Biology and Management</p>	<p>Astronomy            Biomedical Sciences courses            Biotechnical Engineering            Calculus            Advanced Computer courses            Digital Multimedia            Engineering courses            Internship            Modern and Classical Language courses            Probability and Statistics            Technical Writing</p>

## Transportation, Distribution, and Logistics Cluster

### Major: Logistics, Planning, and Management

Required Courses for Major (Minimum of four credits required)	Complementary Courses
Accounting 1 Business Law Global Business (globalMARKETS™) Integrated Business Applications 1 (Advanced Microsoft Office Suite Applications 1) Marketing Marketing Management Probability and Statistics**** Virtual Enterprise 1 Virtual Enterprise 2 Virtual Enterprise 3 Virtual Enterprise 4	Accounting 2 Business and Personal Finance Entrepreneurship Industrial Technology 1 Internship Modern and Classical Language courses Physics Social Studies electives Technical Writing

\*\*\*\*If not used as one of the four mathematics units required for graduation

# School of Health, Human and Public Services

## Government and Public Administration Cluster

### Major: Military Leadership

Required Courses for Major (Minimum of four credits required)	Complementary Courses
<b>Aerospace Science 1 (100 - JROTC)*</b> <b>Aerospace Science 2 (210 - JROTC)*</b> <b>Aerospace Science 3 (410 - JROTC)*</b> <b>Aerospace Science 4 (400/500 -JROTC)*</b>	Advanced Computer electives Aerospace Engineering Astronomy Cadet Cadre Cadet Officer Leadership School Environmental Science History of Conflict and War Marine Science Modern and Classical Language courses Psychology General Psychology, PSY 201 (Dual Credit) Roman Civilization Sociology Speech Public Speaking, SPC 205 (Dual Credit) Technical Writing

\*required

### Major: Public Service and Administration

Required Courses for Major (Minimum of four credits required)	Complementary Courses
AP European History AP Microeconomics**** AP U. S. Government and Politics**** AP U. S. History**** AP World History African-American and Multicultural Studies General Psychology, PSY 201 (Dual Credit) Global Studies 2 Psychology Sociology	Other AP Social Studies courses Aerospace Science courses Advanced Computer courses Drama courses Environmental Studies Foundations of American Democracy History of Conflict and War History of the Lowcountry Internship Modern and Classical Language courses Roman Civilization Speech Teacher Cadet

\*\*\*\* If not used as one of the social studies units required for graduation

## Health Science Cluster

### Major: Biomedical Sciences

Required Courses for Major (Minimum of four credits required)	Complementary Courses
Principles of Biomedical Sciences Human Body Systems Medical Intervention Scientific Research***	AP Biology AP Chemistry Biology 2 Biotechnical Engineering Calculus Chemistry 2 Emergency Medical Services 1 General Psychology, PSY 201 (Dual Credit) Health Science Technology 1 Health Science Technology 2 Human Growth and Development, PSY 203 (Dual Credit) Internship Introduction to Engineering Design Medical Terminology Physics Principles of Engineering Sports Medicine courses

\*\*\*future offering

### Major: Biotechnology, Medical Science and Research

Required Courses for Major (Minimum of four credits required)	Complementary Courses
AP Biology AP Chemistry AP Physics Anatomy and Physiology Biology 2 Biotechnical Engineering Chemistry 2 Health Science Technology 1 Health Science Technology 2 Medical Terminology	Biology 2 Biomedical Science courses Calculus Digital Multimedia General Psychology, PSY 201 (Dual Credit) Human Growth and Development, PSY 203 (Dual Credit) Internship Modern and Classical Language courses Pharmacy Technology Physics Precalculus Probability and Statistics Psychology Sociology Sports Medicine courses Technical Writing

## Major: Health Science

Required Courses for Major (Minimum of four credits required)	Complementary Courses
Emergency Medical Services 1 Health Science Technology 1 Health Science Technology 2 Introduction to Health Science Medical Terminology Pharmacy Technology Sports Medicine 1 Sports Medicine 2 Sports Medicine 3 Work-based Learning	Advanced Computer electives Anatomy and Physiology Biology 2 Calculus Chemistry 2 Child Development 1 General Psychology, PSY 201 (Dual Credit) Human Growth and Development, PSY 203 (Dual Credit) Latin Psychology Sociology

## Human Services Cluster

### Major: Early Care and Education

Required Courses for Major (Minimum of four credits required)	Complementary Courses
Child Development 1 General Psychology, PSY 201 (Dual Credit) Growth and Development I, ECD 102 (Dual Credit) Health, Safety and Nutrition, ECD 135 (Dual Credit) Introduction to Early Childhood, ECD 101 (Dual Credit) Introduction to Health Science Technology Psychology Sociology Teacher Cadet Work-based Learning	Accounting 1 Accounting 2 Business Law Entrepreneurship Fine Arts courses Human Growth and Development, PSY 203 (Dual Credit) Modern and Classical Language courses Speech

## Law, Public Safety, and Security Cluster

### Major: Law and Legal Services

Required Courses for Major (Minimum of four credits required)	Complementary Courses
AP English***** AP U. S. Government and Politics***** Business Law Criminal Law I, CRJ 115 (Dual Credit) Drama General Psychology, PSY 201 (Dual Credit) Introduction to Criminal Justice, CRJ 101 (Dual Credit) Integrated Business Applications 1 (Advanced Microsoft Office Suite Applications 1) Psychology Sociology Speech	Accounting 1 Accounting 2 Advanced Computer courses Aerospace Science courses History of Conflict and War Internship Roman Civilization Modern and Classical Language courses

\*\*\*\*\*If not being used as a graduation requirement

**Major: Emergency and Fire Management Services (future offering)**

**Major: Law Enforcement Services (future offering)**

## 2009-2010 Wando High School Curriculum Framework: Grades 10 – 12

### School of Arts and Humanities

#### **Arts and Communications Cluster**

Advanced Placement  
Arts and Architecture  
Digital Art and Design  
English

Fashion Design and Apparel Construction

Journalism and Mass Communication

Modern and Classical Languages

Performing Arts

Visual Arts

#### **Education and Training Cluster**

Teaching and Training

### School of Business and Information Systems

#### **Business, Management, and Administration Cluster**

Business Information Management  
General Management  
Operations Management

#### **Finance Cluster**

Accounting

#### **Hospitality and Tourism Cluster**

Culinary Arts  
Hospitality Management and Operations

#### **Information Technology Cluster**

Information Support and Services  
Interactive Media  
Networking Systems  
Programming and Software Development

#### **Marketing, Sales, and Service Cluster**

Marketing Communications  
Marketing Management

### School of Mathematics, Science, and Engineering

#### **Agriculture, Food, and Natural Resources Cluster**

Ecology  
Horticulture

#### **Science, Technology, Engineering, and Mathematics Cluster**

Computer Science  
Engineering  
Mathematics  
Science

#### **Transportation, Distribution, and Logistics Cluster**

Logistics, Planning, and Management

### School of Health, Human and Public Services

#### **Government and Public Administration Cluster**

Military Leadership  
Public Service and Administration

#### **Health Science Cluster**

Biomedical Sciences  
Biotechnology, Medical Science and Research  
Health Science

#### **Human Services Cluster**

Early Care and Education

#### **Law, Public Safety, and Security Cluster**

Law and Legal Services  
Emergency and Fire Management Services  
(future offering)  
Law Enforcement Services (future offering)