



Bear Grass Charter School



High School Registration Booklet

2018-2019



Bear Grass Charter School



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High School Registration Information

- All students in grades 8-11 should register for eight (8) courses.
- Students are scheduled for both semesters following the registration process.
- Any student who registers for a course that has a prerequisite must have successfully completed the prerequisite course.
- Only students who are enrolled in Internships, classes at MCC, or seniors with a signed parent lunch consent form will be allowed to leave campus before the end of the school day.
- Students will not be allowed to take more than one Math or English or Science class each year, unless the student is enrolled in college classes.
- Students who make or are making a D or F in a MCC online class, must stay at BGCS to complete course work.
- If a student is dismissed from a MCC class for Academic Dishonesty, they will not be allowed to take anymore MCC classes.

Note:

Honors courses foster intellectual curiosity by encouraging students to generate thought-provoking questions and topics and to research diverse sources. Honors courses will require students to work as self-directed and reflective learners, both independent and in groups as leaders and collaborators. Higher level thinking skills will be emphasized through interdisciplinary and critical perspectives as reflected in the quality of student performance. Honors classes are designed to delve deeper into the topic being studied.



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Graduation Requirements

Each student must have 28 credits to graduate from BGCS

ENGLISH

- English I
- English II
- English III
- English IV with Graduation Project

MATH

- NC Math I
- NC Math II
- NC Math III
- A 4th math above Math III

SCIENCE

- Earth/Environmental Science
- Biology
- Physical Science
- Chemistry

HISTORY

- World History
- Civics and Economics
- American History I
- American History II
- Current Affairs and Issues

FOREIGN LANGUAGE

- Spanish I
- Spanish II

only required if attending a 4 year university

HEALTH and PE

- 9th grade Health and PE

ELECTIVES

***The rest of each students 28 credits will come from this section**

***Each student must take one computer class**

- Marching Band (Fall)
- Pep Band (Spring)
- Visual Arts: Beginning
- Visual Arts: Intermediate
- Visual Arts: Proficient
- Yearbook I
- Yearbook II
- Yearbook III
- Yearbook IV
- Entrepreneurship I
- Personal Finance
- Marketing
- Principles of Business and Finance
- Microsoft Word, PowerPoint, Publisher
- Health Science Careers
- Health Sciences I
- Health Sciences II
- Core and Sustainable Construction
- Carpentry I
- Carpentry II
- Foundations of Engineering I
- Foundations of Engineering II
- Foundations of Engineering III
- Agriscience Applications
- Animal Science 1
- Physical Fitness I
- Physical Fitness II
- Weight Lifting
- Journalism I
- Journalism II
- Current Affairs and Issues
- NCVPS online class
- MCC class
- Internship



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ENGLISH

English I (Regular or Honors)

Grade Level: 9 Credits: 1

English I focuses on analyzing literary Elements in a variety of genres including fiction, nonfiction, poetry, drama, and nonprint mediums. Students will study the author's craft by making inferences, determining point of view, and analyzing theme and figurative language. Students will read a variety of informational texts to analyze the author's development of a thesis, examine the way bias is revealed, and create a variety of responses to the material. Students will focus on developing knowledge of words, their meanings, the roots, and affixes. High school students are expected to use sophisticated language in creating coherent and well-organized writing which includes narratives, expository essays, and argumentative papers. A review of grammar, sentence structure, and punctuation will be done throughout the semester. Students are expected to complete research projects and to edit their work to develop their ideas thoughtfully and clearly.

English II (Regular or Honors)

Grade Level: 10 Credits: 1

Prerequisite: English I

English II focuses on understanding literary theory in a variety of genres including fiction, nonfiction, poetry, and drama. Students will study the author's craft by making Inferences, determining point of view, and analyzing theme and figurative language. Students will read a variety of informational texts to analyze the author's development of a thesis, examine the way bias is revealed, and create a variety of responses. Vocabulary is a major part of the English II class and will focus on developing knowledge of words, their meanings, the roots, and affixes. High school students are expected to use sophisticated language in creating coherent and well-organized writing including narratives, expository essays, persuasive and argumentative responses,

and research papers. Students are expected to be able to proofread and edit their work to develop their ideas thoughtfully and clearly.

English III (Regular or Honors)

Grade Level: 11 Credits: 1

Prerequisite: English II

English III is an in-depth study of U.S. literature and U.S. literary nonfiction especially foundational works and documents from the 17th century through the early 20th century. At least one Shakespearean play will be included.

English IV (Regular or Honors)

Grade Level: 12 Credits: 1

Prerequisite: English III

English IV completes the global perspective initiated in English II. Though its focus is on European (Western, Southern, Northern) literature, this course includes important U.S. documents and literature (texts influenced by European philosophy or action). At least one Shakespearean play will be included.

A Graduation Project will be required to be completed during this class. The Graduation Project will be worth 1 credit.

MATH

NC Math I (Regular or Honors)

Grade Level: 9 Credits: 1

Math I provide students the opportunity to study concepts of algebra, geometry, functions, number and operations, statistics and modeling throughout the course. These concepts include expressions in the real number system, creating and reasoning with equations and inequalities, interpreting and building simple functions, expressing geometric properties and interpreting categorical and quantitative data.

NC Math II (Regular or Honors)

Grade Level: 9, 10 Credits: 1

Prerequisites: NC Math I

Math II continues a progression of the standards established in Math I. In addition



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to these standards, Math II includes: polynomials, congruence and similarity of figures, trigonometry with triangles, modeling with geometry, probability, making inferences and justifying conclusions.

NC Math III (Regular or Honors)

Grade Level: 10, 11 Credits: 1

Prerequisites: NC Math II

Math III progresses from the standards learned in Math I and Math II. In addition to these standards, Math III extends to include algebraic concepts such as: the complex number system, inverse functions, trigonometric functions and the unit circle. Math III also includes the geometric concepts of conics and circles.

Advanced Functions and Modeling

Grade Level: 11, 12 Credits: 1

Prerequisite: NC Math III

Advanced Functions and Modeling provides students an in-depth study of modeling and applying functions. Students will be able to describe graphically, algebraically and verbally phenomena as functions; identify independent and dependent quantities, domain, and range, and input/output; translate among graphic, algebraic, numeric, and verbal representations of relations; define and use linear, quadratic, cubic, and exponential to model and solve problems; use systems of two or more equations or inequalities to solve problems; use the trigonometric ratios to model and solve problems; use logic and deductive reasoning to draw conclusions and solve problems.

SCIENCE

Physical Science

Grade Level: 10, 11, 12 Credits: 1

This course focuses on an introduction to chemistry, physics, and energy conservation. A set of goals and a sequence of skills emphasizing practical application of Physical Science principles have been defined for this lab centered course. General knowledge of basic mathematics is necessary. This course follows the North

Carolina Essential Standards and will satisfy the physical science component for graduation.

Earth and Environmental Science (Regular or Honors)

Online only

Grade Level: 9 Credits: 1

This challenging course provides students with detailed earth science curriculum, focusing on geology, oceanography, astronomy, weather, and climate. The program consists of online lessons, an associated reference book, research papers, and individual projects. The course prepares students for advanced studies in geology, meteorology, oceanography, and astronomy courses, and gives them more sophisticated experience in implementing scientific methods.

Biology (Regular or Honors)

Grade Level: 10, 11 Credits: 1

Prerequisite: Earth/Environmental Science

Biology is a natural science concerned with the study of life and living organisms, including their structure, function, growth, evolution, distribution, and taxonomy. Ecosystems, genetics, and molecules will also be studied in a way that engages students in "hands-on/minds-on" activities which are exemplars of scientific inquiry, experimentation and technological design.

Chemistry (Regular or Honors)

Grade Level: 11, 12 Credits: 1

Prerequisite: NC Math III

Chemistry is a branch of physical science that studies the composition, structure, properties and change of matter. Chemistry is chiefly concerned with atoms and molecules and their interactions and Transformations. Students will also study the conservation and transfer of energy, and the interaction between energy and matter.



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HISTORY

World History (Regular or Honors)

Online only

Grade Level: 9 Credits: 1

World history is the study of human patterns of interaction with a particular focus on change over time, global exchange, and those phenomena that connect people, places and ideas across regional boundaries. By focusing on human interaction on all levels we can see the big picture as well as the details of individual lives. World history also gives us a perspective of the past that goes beyond a national or regional viewpoint.

Civics and Economics (Regular or Honors)

Grade Level: 10 Credits: 1

Prerequisite: World History

Civics and Economics provides a framework for understanding the basic tenets of American democracy, practices of American government as established by the United States Constitution, basic concepts of American politics and citizenship and concepts in macro and micro economics and personal finance. Students will develop an increased understanding of the institutions of constitutional democracy and the fundamental principles and values upon which they are founded, the skills necessary to participate as effective and responsible citizens and the knowledge of how to use democratic procedures for making decisions and managing conflict. Students will be provided with an understanding of the role economic factors play in making economic decisions, the ability to reason logically about key economic issues and the knowledge and skills needed to manage personal financial resources effectively for lifetime financial security.

American History I (Regular or Honors)

Grade Level: 11 Credits: 1

Prerequisite: Civics and Economics

American History I will begin with the European exploration of the new world through Reconstruction. Students will

examine the historical and intellectual origins of the United States from European exploration and colonial settlement to the Revolutionary and Constitutional eras. Students will learn about the important political and economic factors that contributed to the development of colonial America and the outbreak of the American Revolution as well as the consequences of the Revolution. This class will guide students as they study the establishment of political parties, America's westward expansion, the growth of sectional conflict, how that sectional conflict led to the Civil War, and the consequences of the Civil War, including Reconstruction.

American History II (Regular or Honors)

Grade Level: 11 Credits: 1

Prerequisite: American History I

American History II will guide students from the late nineteenth century time period through the early 21st century. Students will examine the political, economic, social and cultural development of the United States from the end of the Reconstruction era to present times. American History II will trace the change in the ethnic composition of American society; the movement toward equal rights for racial minorities and women; and the role of the United States as a major world power. The desired outcome of this course is for students to develop an understanding of the cause-and-effect relationship between past and present events, recognize patterns of interactions, and understand the impact of events on in the United States in an interconnected world.

FOREIGN LANGUAGE

Spanish I

Grade Level: 9, 10, 11, 12

Credits: 1

This course is an introduction to the study of the Spanish language and its culture. Students will perform the most basic



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functions of the language and become familiar with some elements of its culture. The emphasis is placed on the development of the four skills of listening, speaking, reading, and writing within a given context extending outside of the classroom setting when possible. The content focuses on the students' lives and experiences, and includes an exposure to everyday customs and lifestyles. Grammar is integrated throughout the course and is selected according to the language conventions (functions). A general introduction to the culture, its products (e.g., literature, laws, foods, games), perspectives (e.g., attitudes, values, beliefs), and practices (patterns of social interaction) is integrated throughout the course. Students will acquire some insight into how languages and cultures work by comparing the Spanish language and culture to their own.

Spanish II

Grade Level: 9, 10, 11, 12 Credits: 1

Prerequisite: Spanish I

The course provides students with opportunities to continue the development of their listening, speaking, reading, and writing skills. Students participate in simple conversational situations by combining and recombining learned elements of the language orally and in writing. They are able to satisfy basic survival needs and interact on issues of everyday life in the present and past, inside and outside of the classroom setting. They compose related sentences, which narrate, describe, compare, and summarize familiar topics from the target culture. Focus is placed on understanding main ideas. They develop a better understanding of the similarities and differences between cultures and languages and they examine the influence of the beliefs and values on the target culture(s).

ARTS

Band

Grade Level: 9, 10, 11, 12 Credits: 1

Must start band in the 9th grade

During this course, students will participate in various areas of band as well as explore many types of musical styles such as Tonal Quality, Marching Techniques, Breathing, Rhythmic Training, Phrasing, Sight-Reading, Theory, Marching and Concert Music, Scales, and Music History. Each student will be required to participate in festivals, contests, and concerts as well as evening rehearsals or any other announced event.

Visual Arts: Beginning

Grade Level: 9, 10, 11, 12 Credits: 1

Beginning High School Visual Arts covers concepts in visual literacy, contextual relevancy, and critical responses. Students will create art using a variety of tools, media, and processes, safely and appropriately. Students will understand the global, historical, societal, and cultural contexts of the visual arts.

Visual Arts: Intermediate

Grade Level: 9, 10, 11, 12 Credits: 1

Prerequisite: Visual Arts: Beginning

Intermediate High School Visual Arts covers concepts in visual literacy, contextual relevancy, and critical responses. Students will apply creative and critical thinking skills to artistic expression and understand the interdisciplinary connections and life applications of the visual arts.

Visual Arts: Proficient

Grade Level: 10, 11, 12 Credits: 1

Prerequisite: Visual Arts: Intermediate

Proficient High School Visual Arts covers concepts in visual literacy, contextual relevancy, and critical responses. Students will create art using a variety of tools, media, and processes, safely and appropriately. Students will understand the global, historical, societal, and cultural contexts of the visual arts. Students will apply creative and critical thinking skills to artistic expression and understand the interdisciplinary connections and life applications of the visual arts.



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Yearbook I

Grade Level: 9, 10, 11, 12 Credits: 1

This course is designed to teach the skills necessary to produce the school yearbook, which offers a complete record of an entire school year. Students will study journalism including layout and design techniques, writing and editing copy, headlines and picture captions. This course provides the study of and practice in gathering and analyzing information, interviewing, note taking and photography. Students will learn strategies of planning, marketing (ad sales) and distribution of the yearbook. Students will learn proofing strategies and work independently as photographers. At times, deadlines require that staff members work after school, on weekends, and holidays. Students will learn good work habits and are responsible for all phases of yearbook publication. Each student is also required to sell advertisements, on their own time, to local businesses as a part of their grade. The year ends by planning the coverage for the next school year and designing a unifying theme for the book. Yearbook I students will learn a little bit about interviewing, design, photography, and how yearbook works.

Yearbook II

Grade Level: 9, 10, 11, 12 Credits: 1
Prerequisite: Yearbook I

This course is designed to teach the skills necessary to produce the school yearbook, which offers a complete record of an entire school year. Students will study journalism including layout and design techniques, writing and editing copy, headlines and picture captions. This course provides the study of and practice in gathering and analyzing information, interviewing, note taking and photography. Students will learn strategies of planning, marketing (ad sales) and distribution of the yearbook. Students will learn proofing strategies and work independently as photographers. At times, deadlines require that staff members work after school, on weekends, and

holidays. Students will learn good work habits and are responsible for all phases of yearbook publication. Each student is also required to sell advertisements, on their own time, to local businesses as a part of their grade. The year ends by planning the coverage for the next school year and designing a unifying theme for the book. Yearbook II students already know the basics, so it's their responsibility to continue working on the basics while also doing some reporting, learning concepts, and editing.

Yearbook III

Grade Level: 10, 11, 12 Credits: 1
Prerequisite: Yearbook II

This course is designed to teach the skills necessary to produce the school yearbook, which offers a complete record of an entire school year. Students will study journalism including layout and design techniques, writing and editing copy, headlines and picture captions. This course provides the study of and practice in gathering and analyzing information, interviewing, note taking and photography. Students will learn strategies of planning, marketing (ad sales) and distribution of the yearbook. Students will learn proofing strategies and work independently as photographers. At times, deadlines require that staff members work after school, on weekends, and holidays. Students will learn good work habits and are responsible for all phases of yearbook publication. Each student is also required to sell advertisements, on their own time, to local businesses as a part of their grade. The year ends by planning the coverage for the next school year and designing a unifying theme for the book. Yearbook III students will use their previous knowledge to focus on yearbook production, including development of a theme, page layout, written commentary, photography, and advertising.

Yearbook IV

Grade Level: 10, 11, 12 Credits: 1
Prerequisite: Yearbook III



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This course is designed to teach the skills necessary to produce the school yearbook, which offers a complete record of an entire school year. Students will study journalism including layout and design techniques, writing and editing copy, headlines and picture captions. This course provides the study of and practice in gathering and analyzing information, interviewing, note taking and photography. Students will learn strategies of planning, marketing (ad sales) and distribution of the yearbook. Students will learn proofing strategies and work independently as photographers. At times, deadlines require that staff members work after school, on weekends, and holidays. Students will learn good work habits and are responsible for all phases of yearbook publication. Each student is also required to sell advertisements, on their own time, to local businesses as a part of their grade. The year ends by planning the coverage for the next school year and designing a unifying theme for the book. Yearbook IV students will use their previous knowledge to design, edit, and produce a yearbook. These students will develop skills and attitudes often used in the business and work worlds, including written and oral communication, cooperation in small groups, independence, and responsibility.

CTE

Core and Sustainable Construction

Grade Level 9, 10, 11, 12 Credits: 1

This course covers the National Center for Construction Education and Research (NCCER) Core certification modules required for all of the NCCER curriculum-area programs, and an additional Green module. The course content includes: basic safety, introduction to construction math, introduction to hand tools, introduction to power tools, introduction to blueprints, material handling, basic communication skills, and basic employability skills, and Your Role in the Green Environment. The additional Green module has been added to provide students with instruction in

the green environment, green construction practices, and green building rating systems. Also it will help students better understand their personal impacts on the environment and make them more aware of how to reduce their carbon footprint.

Carpentry I

Grade Level: 9, 10, 11, 12 Credits: 1

Prerequisite: Core and Sustainable Construction

This course covers basic carpentry terminology and develops technical aspects of carpentry with emphasis on development of introductory skills.

Carpentry II

Grade Level: 10, 11, 12 Credits: 1

Prerequisite: Carpentry I

This course covers additional technical aspects of carpentry with emphasis on development of intermediate skills. The course content includes floor systems, wall and ceiling framing, roof framing, introductions to concrete, reinforcing materials and forms, windows and exterior doors, and basic stair layout.

Foundations of Engineering I

Grade Level: 9, 10, 11, 12 Credits: 1

Paxton/Patterson currently offers four articulated STEM programs that are sequential and developmental. All of our programs focus on building 21st century skills including: teamwork, initiative, problem solving, self-direction, and career development. **Alternative Energy** looks at the problem of insufficient resources and challenges students to look beyond fossil fuels for energy to power the world. Using a variety of energy production and experimentation equipment including wind power, the Sterling engine, PEM fuel cell, and a photovoltaic array, students explore current technologies in alternate energy as well as the future applications of hydrogen fuel and biomass. In **Construction Technology**, students explore construction systems including framing, HVAC, electrical, plumbing, and plot planning. Construction



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mathematics is emphasized using a transit and a laser level. In this Unit students understand systems thinking, and the integration of materials, labor, costs, and site management in every phase of building.

Environmental Technology defines the effects of technology's impact on water, land and air quality. Students use professional quality water and air sampling apparatus' and perform a variety of particulate and chemical tests. They use the unique water table and earth strata to investigate the effects of pollution on groundwater

Materials Science students develop an understanding of the materials and processes used to create the products they encounter every day. They will use, test, and process natural and synthetic materials like plastics, metals, wood composites and textiles. Using the Paxton TSB 5000 Materials Tester and other technical apparatus', student teams will explore the properties of raw and processed materials.

Foundations of Engineering II

Grade Level: 9, 10, 11, 12 Credits: 1
Prerequisite: Foundations of Engineering I

Paxton/Patterson currently offers four articulated STEM programs that are sequential and developmental. All of our programs focus on building 21st century skills including: teamwork, initiative, problem solving, self-direction, and career development. In **Multimedia Production** students learn the methods and techniques for developing interactive media. They engage in a wide range of projects using digital video equipment, multimedia development programs and the latest techniques in digital imaging. **Robotics & Automation** allows students use two computer controlled robots and a fluid power/pneumatics trainer to emulate industrial processes. They will see how the electronic and mechanical components of robots function, gain an understanding of sensors and programming methods used in robotics while conducting a series of robotic experiments. In **Forensic Science** students

explore the history of forensics and gain an understanding of how the use of science and math has augmented criminal investigation. They learn how to lift a latent fingerprint, and using the scientific method, match the fingerprint to the classroom "criminal." Students also use a computer based microscope to investigate fiber samples and paper chromatography. **Virtual Architecture** students will design a virtual dwelling. These cyber-images, which can be entered and explored, permit students to add furnishings, windows, doors and other requirements to meet aesthetic and design specifications. Students modify the interior design and furnishings of a home or office. They learn how to read a blueprint and the fundamentals of space planning and layout.

Foundations of Engineering III

Grade Level: 10, 11, 12 Credits: 1
Prerequisite: Foundations of Engineering II

Foundations of Engineering III is a project based class where students can demonstrate their mastery of 1 or more of the labs that they had taken in Engineering I and II. The student will design projects that will showcase their knowledge and skills. It is highly recommended that the student competes in at least 1 CTSO competition.

Health Science Careers

Grade Level: 9, 10 Credits: 1
This Paxton and Patterson learning system prepares middle school and high school students for careers related to medicine, nursing, and health science programs. In the **Biomedical Engineering** lab students will identify opportunities and training requirements for the following careers: Orthotist, Prosthetist, Biomedical Engineer, Materials Engineers, Surgeon, Electrical Engineers, Health Technologist and Materials Scientists. In the **Clinical Lab Practices** lab students will identify opportunities and training requirements for the following careers: Medical Laboratory Technician, Medical Scientist, Phlebotomist, Clinical Laboratory Technician, Clinical



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Laboratory Technologist, Dietitian, and Pathologist. In the **Dentistry** lab students will identify opportunities and training requirements for the following careers: Dentist, Dental Assistant, Dental Hygienist, Periodontist, Orthodontist, and Maxillofacial Surgeon. In the **Emergency Medical Technician** lab students will identify opportunities and training requirements for the following careers: Emergency Medical Technician, Paramedic, Emergency Room Registered Nurse, and Ambulance Dispatcher. In the **Medical Imaging** lab students will identify opportunities and training requirements for the following careers: Radiologist Technologist, Radiologist, Diagnostic Medical Sonographer, Magnetic Resonance Imaging Technologist, and Nuclear Medicine Technologist. In the **Nursing** lab students will identify opportunities and training requirements for the following careers: Registered Nurse, Certified Nursing Assistant, Clinical Nurse Specialist, Informatics Nurse Specialist, Phlebotomist, Licensed Practical Nurse, Nurse Practitioner, and Physician Assistant. In the **Sports Medicine** lab students will identify opportunities and training requirements for the following careers: Athletic Trainer, Sports Medicine Physician, Exercise Physiologist, Cardiovascular Technician, and Fitness Trainer. In the **Veterinary Medicine** lab students will identify opportunities and training requirements for the following careers: Veterinarian, Veterinary Technician, Veterinary Assistants, Pharmacy Aide, and Naturopathic Physician.

Health Science I

Grade Level: 9, 10, 11, 12 Credits: 1

This course focuses on human anatomy, physiology and human body diseases and disorders, and biomedical therapies. Students will learn about health care careers within the context of human body systems. Projects, teamwork, and demonstrations serve as instructional strategies that

reinforce the curriculum content. English language arts and science are reinforced in

this course. Work-based learning strategies appropriate for this course include service learning and job shadowing. Biology is recommended as preparation for this course.

Health Science II

Grade Level: 9, 10, 11, 12 Credits: 1

Prerequisite: Health Science I

This course is designed to help students expand their understanding of financing and trends of health care agencies, fundamentals of wellness, legal and ethical issues, concepts of teamwork, and effective communication. Students will learn health care skills, including current CPR and first aid training. English language arts and science are reinforced in this course. Work-based learning strategies appropriate for this course include internship, mentorship, service learning, and job shadowing.

Microsoft Word, PowerPoint, and Publisher

Grade Level: 9, 10, 11, 12 Credits: 1

Students in Microsoft IT Academies benefit from world-class Microsoft curriculum and software tools to tackle real-world challenges in the classroom environment. In the first part, students will learn to use the newest version of Microsoft Word interface, commands, and features to create, enhance, customize, share and create complex documents, and publish them. In the second part, students will learn to use the newest version of Microsoft PowerPoint interface, commands, and features to create, enhance, customize, and deliver presentations. In the last part, students will learn to use the basic features of the newest version of Publisher to create, customize, and publish a publication.

Marketing

Grade Level: 9, 10, 11, 12 Credits: 1

In this course, students develop an understanding of the processes involved



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from the creation to the consumption of products/services. Students develop an

understanding and skills in the areas of distribution, marketing-information management, market planning, pricing, product/service management, promotion, and selling. Students develop an understanding of marketing functions applications and impact on business operations. DECA (an association for Marketing Education students) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

Personal Finance

Grade Level: 9, 10, 11, 12 Credits: 1

This course prepares students to understand economic activities and challenges of individuals and families, the role of lifestyle goals in education and career choices, procedures in a successful job search, financial forms used in independent living, and shopping options and practices for meeting consumer needs. The course also prepares students to understand consumer rights, responsibilities, and information, protect personal and family resources, and apply procedures for managing personal finances. DECA (an association for Marketing Education students) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

Entrepreneurship I

Grade Level: 10, 11, 12 Credits: 1

Prerequisite: Marketing OR Personal Finance OR Principles of Business

In this course students evaluate the concepts of going into business for themselves and working for or operating a small business. Emphasis is on the exploration of feasible ideas of products/services, research procedures, business financing, marketing strategies,

and access to resources for starting a small business. Students develop components of

a business plan and evaluate startup requirements.

Agriscience Applications

Grade level: 9, 10, 11, 12 Credits: 1

This course focuses on integrating biological/physical sciences with technology as related to the environment, natural resources, food production, science, and agribusiness. Topics of instruction include agricultural awareness and literacy, employability skills and introduction to all aspects of the total agricultural industry. English language arts, mathematics, and science are reinforced.

Animal Science I

Grade Level: 10, 11, 12 Credits: 1

This course focuses on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal science career major. Topics include animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities, and animal evaluation. English language arts, mathematics, and science are reinforced.

OTHER ELECTIVES

Internship

Grade Level: 11, 12 Credit: 1

Prerequisite: Principal Recommendation

An Internship allows for additional development of career and technical competencies within a general career field. Internships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about particular careers, and perform certain job tasks. This activity is exploratory and allows the student to get hands-on experience in a number of related activities. The teacher, student, and the business community jointly plan the organization, implementation, and evaluation of an



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internship, regardless of whether it is an unpaid or paid internship.

Journalism I

Grade Level: 9, 10, 11, 12 Credits: 1

Students will examine the history and impact of journalism around the world. Laws and ethical practices of journalism, especially the application of the First Amendment, will be explored. Students will analyze and produce various forms of journalistic writing including news, feature articles, in-depth columns, reviews, and blogs.

Journalism II

Grade Level: 9, 10, 11, 12 Credits: 1

Prerequisite: Journalism I

Students will study techniques of journalistic writing, layout, newspaper organization, and American journalistic history. Students also survey the mass media, photography, television, and radio reporting. They are exposed to a variety of articles and genres. Because 21st century journalists are entrenched in a multimedia market, we explore a myriad of options for delivering the news.

NCVPS

Grade Level: 10, 11, 12 Credits: 1

Prerequisite: Principal Approval

NCVPS benefits students through expanded academic options in teacher-led, online courses aligned to the Common Core Standards and the North Carolina Essential Standards. Regardless of students' geographic location or economic circumstances, they can enroll in quality online courses taught by highly qualified, North Carolina licensed teachers. NCVPS provides students online courses in many subject areas including mathematics, science, English language arts, social studies, arts, advanced placement, honors, and world languages. The North Carolina Virtual Public School is a supplemental service to the public schools of North Carolina. Students enroll through their local public school, grades are reported to their public school, and their school awards

credit. The courses use learning management and collaborative software to maximize student interaction in each class.

NCVPS teachers use the latest technologies to engage students as well as prepare them to be career and college ready.

MCC Career and College Promise

Grade Level: 11, 12 Credits: 1

Prerequisite: Principal Approval

Career and College Promise provides educational opportunities for eligible North Carolina high school students to enroll in college courses in order to accelerate completion of college certificates, diplomas, and associate degrees that provide entry-level job skills or lead to college transfer.

To be eligible for enrollment in the College Transfer Pathway, a high school student must:

- Be a high school junior or senior;
- Have a weighted GPA of 3.0 on high school courses; and
- Demonstrate college readiness on an assessment or placement test. A high school junior or senior who does not demonstrate college-readiness on an approved assessment or placement test may be provisionally enrolled in a College Transfer Pathway. To qualify for Provisional Status, a student must meet the following criteria:
 - Have a cumulative weighted GPA of 3.5;
 - Have completed two years of high school English with a grade of "C" or higher;
 - Have completed high school Math III (or a higher level math class) with a grade of "C" or higher;
 - Obtain the written approval of the high school principal and,
 - Obtain the written approval of the community college president or his/her designee.

9th grade Health/PE

Grade Level: 9 Credits: 1

Students will have a mixture of PE and Health classes. On PE days, student work on physical fitness, skill development, and



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speed and strength training. On Health days students will work on Health topics such as: Mind and body, Nutrition, Anatomy, and Decision Making Skills.

Physical Fitness I

Grade Level: 10, 11, 12 Credits: 1

Prerequisite: 9th grade Health/PE

During Physical Fitness I students will work on Speed and Strength training and cardiovascular exercises.

Physical Fitness II

Grade Level: 10, 11, 12 Credits: 1

Prerequisite: Physical Fitness I

During Physical Fitness II students will work on Individual and team sports and weight training.

Weight Lifting

Grade Level: 10, 11, 12 Credits: 1

This course emphasizes rigorous physical conditioning and weight training. Emphasis is on development of strength through POWER lifting, cardiovascular endurance and knowledge of how exercise develops. Appropriate dress and active participation are required.