

BLACKMAN HIGH SCHOOL

2017-2018

Curriculum Guide



www.bhs.rcschools.net

Blackman High School is committed to providing our students with positive experiences that will foster independence, individuality, and lifelong learning. As models of lifelong learning, educators are supported in their pursuit of professional development. Through relevant and rigorous academic and career pursuits, students will establish relationships with the larger community.

2017-2018 TEST DATES

ACT

www.actstudent.org
September 9, 2017
October 28, 2017
December 9, 2017
February 10, 2018
April , 14, 2018
June 9, 2018

*Registration deadlines TBA

PSAT

(optional)
9th - 11th grades
October 2017

AP

www.collegeboard.com
AP exams take place over
a two-week time span in
May each school year.

TN READY

Specific testing dates will
be listed on the school
calendar.

Dr. Leisa Justus, Principal

Assistant Principals

Scott Lawless, A-D
Ken Reed, E-K
Dr. Amy Connifey-Marlin, L-R
Tim Pedigo, S-Z

Counselors

Amber DeGeorge, A-D
Christine Bryan, E-K
Stephanie VanWinkle, L-R
Sara Lynn Clawson, S-Z

CURRICULUM GUIDE OVERVIEW

With a deep commitment to our mission and beliefs, we take pride in offering the following course choices to our students. The curriculum guide is intended to help each student and his/her parent/guardian prepare a four-year educational plan.

The information in this guide is current as of January 2017. Changes are likely to occur after publication. Please view the website for the updated version <http://bhs.rcschools.net/>.

Graduation Requirements and Programs of Study are listed with their focus area course descriptions in the following pages. It is important to plan wisely. The choices you make during registration will determine your classes next year. Each course request you make is a factor when school officials set budgets, schedules, and hires for the next year.

AFTER REGISTRATION AND PARENT VERIFICATION OF COURSE REQUEST, CLASS CHANGES WILL NOT BE MADE.

Four-year plans will be reviewed each year at registration time with a counselor and in the fall during scheduled counselor meetings.

TYPES OF DIPLOMAS

The **Regular High School Diploma** will be awarded to students who earn the 23 required credits as outlined.

The **Special Ed Diploma** will be awarded to SWD who have (1) satisfactorily completed an IEP, (2) successfully completed TN Ready Assessments or Alternate Assessments, and (3) have satisfactory records of attendance and conduct.

Graduation with Honors – Students who score at or above all of the subject area readiness benchmarks on the ACT or equivalent score on the SAT.

Graduation with Distinction – Students who attain a B average and complete at least one of the following:

- earn a nationally recognized industry certification
- participate in at least one of the Governor's Schools
- participate in one of the state's All State musical organizations
- be selected as a National Merit Finalist or Semi-Finalist
- attain a score of 31 or higher composite score on the ACT
- attain a score of 3 or higher on at least two advanced placement exams
- successfully complete the International Baccalaureate Diploma Programs
- earn 12 or more semester hours of transcribed postsecondary credit

Collegiate Academy Diploma – Students who are a member of the Blackman Collegiate Academy and who have completed all of the requirements will graduate with a Collegiate Academy diploma.

TESTING

TN Ready Assessment -TN Ready assessments will be administered at the completion of courses as determined by the Tennessee Department of Education. These exams count as the final exam for these classes.

ACT - This exam is mandatory for all 11th grade students. It will be given on a school day and scores will be reportable for college admission.

GRADUATION REQUIREMENTS

Core:

English	4 credits
Math*	4 credits
Science	3 credits
Social Studies	3 credits
Wellness	1.5 credits
Foreign Language	2 credits
Fine Art	1 credit
Personal Finance	.5 credit
Elective Focus	3 credits
Additional Elective	1 credit

Total **23 credits**

* must have math all 4 years.

** Collegiate Academy students must also have a .5 credit of Speech or Critical Thinking and Reasoning and a .5 credit of Honors Senior Capstone

COUNSELING OFFICE

The Blackman High School Counseling Department offers many services to the students and faculty. Counselors are key players during this critical time of planning course work for the upcoming year, and students and parents are encouraged to contact their counselor with any questions.

NCAA: Any student who plans to enroll in college as a freshman and participate in Division I or II intercollegiate athletics must be certified by the NCAA Initial Eligibility Clearinghouse. To be certified by the Clearinghouse, a student must meet several criteria. Students should apply for certification after their junior year if they are sure they wish to participate in intercollegiate athletics. Go on-line at www.ncaaclearinghouse.net for more information and to register with the Clearinghouse. It is the parent's/student's responsibility to do this.

BCA Registration Policy: Any student in the Blackman Collegiate Academy must take at least 12 honors or above courses through their high school career as well as a speech or critical thinking course. The student must also enroll in at least two BCA cohort courses during their 9th-11th grade years and must take Capstone their 12th grade year.

COURSES

AGRICULTURE, FOOD, & NATURAL RESOURCES:

Course Name	Credit
Agriscience	1
Honors Greenhouse Management	1
Landscaping & Turf Science	1
Small Animal Science	1
Large Animal Science	1
Veterinary Science	1
Work-based Learning	1-2

ARTS, AUDIO/VISUAL TECHNOLOGY & COMMUNICATIONS:

Course Name	Credit
Digital Arts & Design I	1
Digital Arts & Design II	1
Digital Arts & Design III	1
AP Studio Art: 2D	1
A/V Production I	1
A/V Production II	2
Honors A/V Production III	1
Applied Arts Practicum	1

BUSINESS MANAGEMENT & ADMINISTRATION:

Course Name	Credit
Introduction to Business & Marketing	½
Computer Applications	½
Business Communications	1
Honors Business Management	1
Honors Virtual Enterprise	1
Accounting I	1
Business & Entrepreneurship Practicum: Banking	1
Work-based Learning	1-2
Advanced Computer Applications	1

EDUCATION & TRAINING:

Course Name	Credit
Early Childhood Education I	1
Early Childhood Education II	1
Early Childhood Education III	1
Early Childhood Education IV	1
Work-based Learning	1

FINE & PERFORMING ARTS:

Course Name	Credit
Visual Art I	1
Fiber Arts & Jewelry Making	½
Sculpture	½
Drawing & Painting	1
AP Studio Art: 2D	1
Clay I	1
Advanced Clay II	1
Advanced Clay III	1
AP Art History	1
Theatre I	1
Theatre II	1
Theatre III	1
Theatre IV	1
Dual-Enrollment Theater	½
General Music	1
Dual-Enrollment Intro. to Music	½
Choir - Concert, Women's, Men's, & Select	1
Concert Woodwind	1
Concert Brass	1
Symphonic Band	1
Wind Ensemble	1
Jazz Band	1
Percussion Band	1

FINANCE:

Course Name	Credit
Introduction to Business & Marketing	½
Computer Applications	½
Accounting I	1
Bank & Finance	1
Accounting II	1
Work Based Learning: Banking	1
Work-based Learning	1-2

HEALTH SCIENCE EDUCATION:

Course Name	Credit
Health Science Education	1
Honors Medical Therapeutics	1
Anatomy and Physiology	1
Nursing Education	1
Emergency Medical Services	1
Pharmacological Science	1
Clinical Internship	1

HOSPITALITY & TOURISM:

Course Name	Credit
Culinary Arts I	1
Culinary Arts II	2
Honors Culinary Arts III	2
Honors Culinary Arts IV	1

INFORMATION TECHNOLOGY:

Course Name	Credit
Computer Science Foundations	1
Coding I	1
Coding II	1
Computer Systems	1
Honors Networking	1
Honors Cabling & Internetworking	1
I.T. Clinical Internship	1

**LAW, PUBLIC SAFETY,
CORRECTIONS, & SECURITY:**

Course Name	Credit
Principles of Law	1
Criminal Justice I	1
Criminal Justice II	1
Criminal Justice III	1

MARKETING:

Introduction to Business & Marketing	½
Computer Applications	½
Marketing and Management I	1
Marketing and Management II	1
Honors Marketing and Management II	1
Honors Event Planning and Management	1
Honors Entrepreneurship	1
Honors Virtual Enterprise	1
Business & Entrepreneurship Practicum: Bookstore	1
Business & Entrepreneurship Practicum: Sketch It Up	1
Work-Based Learning	1-2

STEM:

STEM I	1
STEM II	1
STEM III	1

ENGLISH:

Course Name	Credit
English I	1
English I Lab	1
Honors English I	1
BCA Honors (Pre-AP) English I	1
English II	1
Honors English II	1
BCA Honors (Pre-AP) English II	1
English III	1

Honors English III	1
BCA Honors English III	1
AP English III	1
BCA AP English III	1
English IV	1
Honors English IV	1
AP English IV	1
Dual-Enrollment English 1010	½
Dual-Enrollment English 1020	½
Honors Speech	½
Dual-Enrollment Speech	½
Creative Writing	1
Journalism/Yearbook	1
Journalism/Newspaper	1
Mythology	½
Shakespeare	½
Honors Southern Literature	½

**HEALTH & PHYSICAL
EDUCATION:**

Course Name	Credit
Lifetime Wellness	1
Physical Education II	½
Driver Training	½
JROTC I	1
JROTC II	1
JROTC III	1
JROTC IV	1
JROTC IX	1

MATHEMATICS:

Course Name	Credit
Integrated Math I	1
Integrated Math I Lab	1
Honors Integrated Math I	1
Integrated Math II	1
Integrated Math II Lab	1
Honors Integrated Math II	1

BCA Honors Integrated Math II	1
Geometry	1
Honors Geometry	1
BCA Honors Geometry	1
Bridge Math	1
Applied Mathematics Concepts	1
Honors Pre-Calculus	1
Advanced Honors Pre-Calculus	1
AP Calculus AB	1
AP Calculus BC	1
Honors Statistics	1
AP Statistics	1
Dual-Enrollment College Algebra	½
Dual-Enrollment Applied Statistics	½

SCIENCE:

Course Name	Credit
Biology	1
Honors Biology	1
BCA Honors (Pre-AP) Biology	1
Physical Science	1
Principles of Technology I	1
Principles of Technology II	1
Physics	1
AP Physics I	1
AP Physics II	1
AP Physics C	1
Chemistry	1
Honors Chemistry	1
BCA Honors (Pre-AP) Chemistry	1
AP Chemistry	1
Honors Anatomy & Physiology	1
Honors Ecology	½
Honors Earth Science	½
AP Biology	1
AP Environmental Science	1

SOCIAL STUDIES:

Course Name	Credit
World History & Geography	1
Honors World History & Geography	1
BCA Honors World History & Geography	1
AP Human Geography	1
BCA AP Human Geography	1
US History & Geography	1
Honors US History & Geography	1
BCA Honors US History	1
AP US History	1
BCA AP US History	1
Dual-Enrollment US History I	½
Dual-Enrollment US History II	½
BCA Dual-Enrollment US History I	½
BCA Dual-Enrollment US History II	½
US Government & Civics	½
Honors US Government & Civics	½
AP US Government & Politics	½
AP Comparative Government	½
Economics	½
Honors Economics	½
AP Microeconomics	½
AP Macroeconomics	½
Personal Finance	½
Honors Personal Finance	½
Psychology	½
AP Psychology	1
Dual-Enrollment Psychology	½
Sociology	½
Dual-Enrollment Sociology	½
Bible	1
African American History	½

Contemporary Issues	½
Honors Critical Thinking and Reasoning	½
AP European History	1
AP World History	1
WORLD LANGUAGES:	
French I	1
Honors French I	1
French II	1
Honors French II	1
Honors French III	1
Honors French IV	1
Latin I	1
Honors Latin I	1
Latin II	1
Honors Latin II	1
Honors Latin III	1
Honors Latin IV	1
Spanish I	1
Honors Spanish I	1
Spanish II	1
Honors Spanish II	1
Honors Spanish III	1
Honors Spanish IV	1
Dual-Enrollment Spanish	½

SPECIAL COURSES:

Course Name	Credit
Honors Critical Thinking and Reasoning	½
Honors Senior Capstone	½
Mythology	½
Shakespeare	½
Honors Southern Literature	½
ACT Prep	½
National Merit Prep	½
Peer Tutoring	½ - 1
Teacher Aide	½ - 1
Office Aide	½ - 1
Blaze Ambassador	½ - 1

COURSES DESCRIPTIONS: CAREER & TECHNICAL EDUCATION

AGRICULTURE, FOOD, & NATURAL RESOURCES

PROGRAM OF STUDY: HORTICULTURE SCIENCE

AGRISCIENCE

Credit: 1

Prerequisite: None

Grade: 9-10

Agriscience consists of standards to prepare students for biology and subsequent sciences for the university bound student. The course covers ecology, biological processes, sexual and asexual reproduction, and a study of the chemical and physical laws that govern life. The course includes leadership and personal development skills through FFA membership.

HONORS GREENHOUSE MANAGEMENT

Credit: 1

Prerequisite: Agriscience

Grade: 10-12

This course is designed to prepare a student to manage a greenhouse operation. Students in this class will learn to produce various ornamental crops and food crops. An understanding of structures, crop selection, and growing systems will be explored. As populations continue to expand, the importance of food production in a climate controlled environment increases. Today's agriculture students are preparing to meet the needs of a growing world. The student may have the opportunity to earn state-wide dual credit in this course. State-wide dual credit is taking a high school course with accompanying challenge exam created by Tennessee secondary and postsecondary faculty. Students who meet or exceed the established cut score set for the exam earn credits that may be applied to any public postsecondary institution in Tennessee.

LANDSCAPING & TURF SCIENCE

Credit: 1

Prerequisite: Agriscience

Grade: 10-12

Landscaping and Turf Science includes standards to prepare students for creating beautiful environments for homes and businesses. This study includes site analysis and preparation, landscape drawing, plant selection, and installation. Maintenance of healthy attractive landscapes and turf areas will be emphasized. With the increase of urban sprawl these career opportunities are increasing daily. Plant science and leadership skills taught in this class will prepare students to meet the demands of this exciting industry. The student may have the opportunity to earn the Commercial Pesticide Industry Certification.

WORK-BASED LEARNING CAREER PRACTICUM

Credits: 1-2

Prerequisite: Teacher Recommendation

Grade: 12

Work-Based Learning: Career Practicum is a capstone course intended to provide students with opportunities to apply the skills and knowledge learned in previous CTE and general education courses within a professional work environment. The course allows students to earn high school credit for select models of work-based learning, which allow students to interact with industry professionals in order to extend and deepen classroom work and support the development of postsecondary and career readiness knowledge and skills.

PROGRAM OF STUDY: VETERINARY & ANIMAL SCIENCE

AGRISCIENCE

Credit: 1

Prerequisite: None

Grade: 9-10

Agriscience consists of standards to prepare students for biology and subsequent sciences for the university bound student. The course covers ecology, biological processes, sexual and asexual reproduction, and a study of the chemical and physical laws that govern life. The course includes leadership and personal development skills through FFA membership.

SMALL ANIMAL SCIENCE

Credit: 1

Prerequisite: Agriscience

Grade: 10-12

Small Animal Science is an applied course in animal science and care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers anatomy and physiological systems of different groups of small animals, as well as careers, leadership, and history of the industry.

LARGE ANIMAL SCIENCE

Credit: 1

Prerequisite: Small Animal Science

Grade: 11-12

Large Animal Science is an applied course in veterinary and animal science for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers anatomy and physiological systems of different groups of large animals, as well as careers, leadership, and history of the industry. Upon completion of this course, proficient students will be prepared for success in the level-four Veterinary Science course and further postsecondary training.

VETERINARY SCIENCE

Credit: 1

Prerequisite: Agriscience, Small Animal Science

Grade: 11-12

Veterinary Science is an advanced course in animal science and care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers principles of health and disease, basic animal care and nursing, clinical and laboratory procedures, and additional industry-related career and leadership knowledge and skills. Upon completion of this course, students will be able to pursue advanced study of veterinary science at a postsecondary institution. The student may have the opportunity to earn the TN Specific Industry Certification Animal Science.

WORK-BASED LEARNING CAREER PRACTICUM

Credit: 1-2

Prerequisite: Teacher Recommendation

Grade: 12

Work-Based Learning: Career Practicum is a capstone course intended to provide students with opportunities to apply the skills and knowledge learned in previous CTE and general education courses within a professional work environment. The course allows students to earn high school credit for select models of work-based learning, which allow students to interact with industry professionals in order to extend and deepen classroom work and support the development of postsecondary and career readiness knowledge and skills.

ARTS, AUDIO/VISUAL TECHNOLOGY & COMMUNICATIONS

PROGRAM OF STUDY: DIGITAL ARTS & DESIGN

DIGITAL ARTS & DESIGN I

Credit: 1

Prerequisite: None

Grade: 9-10

This course provides a foundation in aesthetic concepts and applies these concepts to the visual art, design, printing, and the photography industries. Course content provides the opportunity to acquire marketable skills by examining both the industry and its career opportunities and by developing leadership, teamwork, and industry skills. Varying degrees of aesthetics are required, along with the ability to interpret many aspects of life and technology.

DIGITAL ARTS & DESIGN II

Credit: 1

Prerequisite: Digital Arts & Design I

Grade: 10-11

This course covers the principles of design and general layout procedures. Content will cover

electronic systems and software programs used in graphic design, page composition, image conversion, and digital printing. Advanced knowledge and skill in graphic design and digital imaging will be enhanced in a graphic design laboratory facility through experiences, which simulate the graphic design and digital photography industry and school-based and work-based learning opportunities.

DIGITAL ARTS & DESIGN III

Credit: 1

Prerequisite: Digital Arts & Design II

Grade: 11-12

This course covers the principles of design and general layout procedures. Content will cover electronic systems and software programs used in graphic design, page composition, image conversion, and digital printing. Advanced knowledge and skill in graphic design and digital imaging will be enhanced in a graphic design laboratory facility and school-based and work-based learning opportunities.

ADVANCED PLACEMENT STUDIO ART 2D DESIGN

Credit: 1

Prerequisite: Visual Art I & Teacher Recommendation

Grade: 11-12

This course is a 2-D Design intense portfolio preparation class. College Board will judge 28-piece portfolios and reward college credit based on quality, concentration, and breadth.

APPLIED ARTS PRACTICUM

Credit: 1

Prerequisite: Minimum of 3 credits in an Arts, A/V Technology & Communications program of study.

Grade: 12

The Applied Arts Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Arts, A/V Technology & Communications courses within a professional, working environment. In addition to developing an understanding of the professional and ethical issues encountered by professionals in these careers, students learn to refine their skills in problem solving, research, communication, teamwork, and project management through the completion of a course-long project. The course is highly customizable to meet local system needs. Instruction may be delivered through school laboratory training or through work-based learning arrangements such as internships, service learning, and job shadowing. Upon completion of the practicum, proficient students will be prepared to pursue postsecondary study in arts, a/v technology, or communications programs; or seek additional training or employment with the aid of the portfolio.

PROGRAM OF STUDY: A/V PRODUCTION

A/V PRODUCTION I

Credit: 1

Prerequisite: None

Grade: 9-10

A/V Production I is a foundational course in the Arts, A/V Technology & Communications cluster for students interested in a/v (audio/visual) production occupations. Upon completion of this course, proficient students will be to explain and complete the phases of the production process including preproduction, production, and post-production. Students will establish basic skills in operating cameras and other production equipment. Standards in this course include career exploration, an overview of the history and evolution of a/v production, and legal issues affecting a/v production. In addition, students will begin compiling artifacts for inclusion in a portfolio, which they will carry with them throughout the full sequence of courses in this program of study.

A/V PRODUCTION II

Credit: 2

Prerequisite: A/V Production I

Grade: 10-11

A/V Production II is the second course in the A/V Production program of study intended to prepare students for a careers in audio/video production. Building on knowledge acquired in A/V Production I, this course advances technical skill in utilizing industry equipment related to lighting and audio, and it places special emphasis on the research and technical writing involved in planning productions. Upon completion of this course, proficient students will be able to plan, capture, and edit research-based productions of increasing complexity, individually and through collaboration in teams. In addition to more robust career preparation, standards in this course include an investigation of concerns affecting a/v production businesses, such as ethical and legal issues, technology, funding, and the organization of professional roles in various industries. Students will continue compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in this program of study.

HONORS A/V PRODUCTION III CREDIT: 2

Prerequisite: A/V Production II

Grade: 11-12

A/V Production III is an applied-knowledge course intended to prepare students to pursue careers and postsecondary learning in audio/video production. Students in this course will apply knowledge and skills from previous courses in the program of study to create productions both independently and in teams, with the option of participating in a work-based learning experience for additional credit. Students will use industry equipment and technology to complete all phases of the production process, including

planning, coordinating, capturing, editing, and distributing productions. Standards in this course include policies and regulations, independent and collaborative productions, distribution of media, and the production of live events. Students will continue compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in this program of study. Upon completion of this course, proficient students will be prepared for a career in audio/video production or to transition to a postsecondary program for further study.

APPLIED ARTS PRACTICUM

Credit: 1

Prerequisite: Minimum of 3 credits in an Arts, A/V Technology & Communications program of study.

Grade: 12

The Applied Arts Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Arts, A/V Technology & Communications courses within a professional, working environment. In addition to developing an understanding of the professional and ethical issues encountered by professionals in these careers, students learn to refine their skills in problem solving, research, communication, teamwork, and project management through the completion of a course-long project. The course is highly customizable to meet local system needs. Instruction may be delivered through school laboratory training or through work-based learning arrangements such as internships, service learning, and job shadowing. Upon completion of the practicum, proficient students will be prepared to pursue postsecondary study in arts, a/v technology, or communications programs; or seek additional training or employment with the aid of the portfolio.

BUSINESS MANAGEMENT & ADMINISTRATION

PROGRAM OF STUDY: BUSINESS MANAGEMENT

INTRODUCTION TO BUSINESS & MARKETING

Credit: ½

Prerequisite: None

Grade: 9-10

Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the

context of business topics. Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school.

COMPUTER APPLICATIONS

Credit: ½

Prerequisite: None

Grade: 9-10

This course is designed to develop computer technology skills. Students will use a variety of computer software and hardware tools and features of an electronic information network. Students will explore the social, business, and ethical issues of using computer technology. The students will develop skills that will assist them with efficient production of word processing documents, spreadsheets, databases, and presentations. This course may be offered as dual credit.

BUSINESS COMMUNICATIONS

Credit: 1

Prerequisite: None

Grade: 10-12

Business Communications is a course that prepares students for oral and electronic business communications in the 21st century including social media as well as developing skills in electronic publishing, design, layout, composition, and video conferencing. Emphasis will be placed on social media, design and digital communications. Students will review and practice successful styles and methods for professional business communications using the proper tools to deliver effective publications and presentations.

HONORS BUSINESS MANAGEMENT

Credit: 1

Prerequisite: None

Grade: 11-12

Foundations in business organization, ethical and legal responsibilities, communication and decision making, personnel and safety for an ongoing business. Additional reading in management journals and participation in a business simulation is required.

HONORS VIRTUAL ENTERPRISE INTERNATIONAL

Credit: 1

Prerequisite: Any Business or Marketing Course

Grade: 11-12

Student-run business with national and international trading on-line. Students learn all facets of a business.

ACCOUNTING I

Credit: 1

Prerequisite: None

Grade: 10-11

Introduces business transactions, journalizing,

posting, and preparing worksheets and financial statements for a sole proprietorship, partnership and corporation.

BUSINESS & ENTREPRENEURSHIP PRACTICUM: BANKING

Credit: 1

Prerequisite: 2 credits in a Business or Marketing program of study

Grade: 12

Business & Entrepreneurship Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Business and Marketing courses within a simulated startup environment or authentic business setting. The course is structured to allow students the creativity to develop, launch, and market original business ideas. It is ideal for students who wish to pursue careers as future business owners or entrepreneurs. Practicum activities can take place around student-led startups under the supervision of the instructor, or in collaboration with a local business incubator. The standards in this course can also be used to promote student participation in a work-based learning (WBL) experience through an internship or other off-campus arrangement. Upon completion of the practicum, proficient students will be prepared to further develop their business ideas into viable ventures, or continue their study at the postsecondary level.

WORK-BASED LEARNING CAREER PRACTICUM

Credit: 1-2

Prerequisite: Teacher Recommendation

Grade: 12

Work-Based Learning: Career Practicum is a capstone course intended to provide students with opportunities to apply the skills and knowledge learned in previous CTE and general education courses within a professional work environment. The course allows students to earn high school credit for select models of work-based learning, which allow students to interact with industry professionals in order to extend and deepen classroom work and support the development of postsecondary and career readiness knowledge and skills.

PROGRAM OF STUDY: OFFICE MANAGEMENT

INTRODUCTION TO BUSINESS & MARKETING

Credit: ½

Prerequisite: None

Grade: 9-10

Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing,

and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school.

COMPUTER APPLICATIONS

Credit: ½

Prerequisite: None

Grade: 9-10

This course is designed to develop computer technology skills. Students will use a variety of computer software and hardware tools and features of an electronic information network. Students will explore the social, business, and ethical issues of using computer technology. The students will develop skills that will assist them with efficient production of word processing documents, spreadsheets, databases, and presentations. This course may be offered as dual credit.

BUSINESS COMMUNICATIONS

Credit: 1

Prerequisite: None

Grade: 10-12

Business Communications is a course that prepares students for oral and electronic business communications in the 21st century including social media as well as developing skills in electronic publishing, design, layout, composition, and video conferencing. Emphasis will be placed on social media, design and digital communications. Students will review and practice successful styles and methods for professional business communications using the proper tools to deliver effective publications and presentations.

HONORS BUSINESS MANAGEMENT

Credit: 1

Prerequisite: None

Grade: 11-12

Foundations in business organization, ethical and legal responsibilities, communication and decision making, personnel and safety for an ongoing business. Additional reading in management journals and participation in a business simulation is required.

ADVANCED COMPUTER APPLICATIONS

Credit: 1

Prerequisite: None

Grade: 11-12

This is a capstone course in which students will learn necessary skills in problem solving using current and emerging integrated technology to include a variety of input technologies in the production of professional quality business documents and presentations. The course

focuses on student choice, accountability, and performance. Students increase their employability by working toward the attainment of high-level skills in the areas of integrated software applications, communication skills, ethical issues, human relations, leadership, self-management, and workplace management. The student may have the opportunity to earn the following Industry Certifications: Microsoft Office Specialist (Excel) (Word) (PowerPoint), Microsoft Office Expert, and/or Microsoft Office Master.

WORK-BASED LEARNING CAREER PRACTICUM

Credit: 1-2

Prerequisite: Teacher Recommendation

Grade: 12

Work-Based Learning: Career Practicum is a capstone course intended to provide students with opportunities to apply the skills and knowledge learned in previous CTE and general education courses within a professional work environment. The course allows students to earn high school credit for select models of work-based learning, which allow students to interact with industry professionals in order to extend and deepen classroom work and support the development of postsecondary and career readiness knowledge and skills.

EDUCATION & TRAINING

EARLY CHILDHOOD EDUCATION CAREERS I

Credit: 1

Prerequisite: None

Grade: 9-11

Early Childhood Education Careers I is an introduction to the field of early childhood education. Many types of curriculum and components of current early childhood and preschool programs will be reviewed. The objectives taught will support the development of children and provide high school students with a foundation in the concepts, knowledge, skills, and practices required for careers and post secondary achievement in early childhood education. Laboratory experiences offer school-based and/or work-based learning opportunities.

EARLY CHILDHOOD EDUCATION CAREERS II

Credit: 1

Prerequisite: Early Childhood Education Careers I

Grade: 10-12

Early Childhood Education Careers II prepares students for employment and/or entry into post-secondary education. Coursework will allow students to specialize in knowledge and skills for family child care facilities. Students will develop curriculum and guidance skills through learning activities for young children. Students will also implement policy and procedures

for the Blackman Learning Center. Students will integrate knowledge, skills, and practices required for careers in early childhood education and related services. Laboratory experiences offer school-based and/or work-based learning opportunities.

EARLY CHILDHOOD EDUCATION CAREERS III

Credit: 1

Prerequisite: Early Childhood Education Careers II
Grade: 11-12 with Teacher Approval

Early Childhood Education Careers III (ECEC III) is an applied knowledge course for students interested in learning more about becoming an early childhood teacher, nanny, or childcare provider. This course covers the components of the learning environment, planning age appropriate activities, using activities for learning, and developing communication skills. Students in this course will participate in a work-based learning component of instruction and add work products to a course portfolio.

EARLY CHILDHOOD EDUCATION CAREERS IV

Credit: 1

Prerequisite: Early Childhood Education Careers III
Grade: 12 with Teacher Approval

Early Childhood Education Careers IV (ECEC IV) is an applied knowledge course for students interested in learning more about becoming an early childhood teacher, nanny, or childcare provider. The course standards cover understanding the components professionalism, policies, regulation, and teaching to learn principles. Students in this course will participate in a work-based learning component of instruction and add work products to a course portfolio. The student may have the opportunity to earn the Child Development Associate (CDA) Industry Certification.

WORK-BASED LEARNING CAREER PRACTICUM

Credit: 1

Prerequisite: Teacher Recommendation
Grade: 11-12

Work-Based Learning: Career Practicum is a capstone course intended to provide students with opportunities to apply the skills and knowledge learned in previous CTE and general education courses within a professional work environment. The course allows students to earn high school credit for select models of work-based learning, which allow students to interact with industry professionals in order to extend and deepen classroom work and support the development of postsecondary and career readiness knowledge and skills.

FINE & PERFORMING ARTS

VISUAL ART I

Credit: 1

Prerequisite: None

Grade: 9-12

Visual Art I is a broad based introductory course that stresses the elements of art and the principles of design and explores art history. This course will fulfill your Fine Art requirement.

FIBER ARTS & JEWELRY-MAKING

Credit: ½

Prerequisite: Visual Art I

Grade: 10-12

Fibers and Jewelry-making class includes basic weaving, batik, compositions in fabric, and jewelry making basics.

*Offered Fall term only and may only be offered every other year.

SCULPTURE

Credit: ½

Prerequisite: Visual Art I

Grade: 10-12

Sculpture classes explore areas of three-dimensional design such as assemblage, mosaic art, printmaking, and paper mache'.

*Offered Spring term only and may only be offered every other year.

DRAWING & PAINTING

Credit: 1

Prerequisite: Visual Art I

Grade: 10-12

Drawing and Painting is a studio-based class for students who enjoy drawing and painting. A variety of media will be explored including, but not limited to, pencil, chalk, oil pastel, colored pencil, pen and ink, acrylic paint, and watercolor.

This course is designed to prepare students to take Advanced Placement 2D Art.

*Offered every other year.

ADVANCED PLACEMENT STUDIO ART 2D DESIGN

Credit: 1

Prerequisite: Visual Art I & Teacher Recommendation

Grade: 11-12

This course is a 2-D Design intense portfolio preparation class. College Board will judge 28-piece portfolios and reward college credit based on quality, concentration, and breadth.

CLAY I

Credit: 1

Prerequisite: Visual Art I

Grade: 10-12

Clay classes are studio-based classes and include clay hand building and wheel throwing.

ADVANCED CLAY II

Credit: 1

Prerequisite: Visual Art I & Clay I

Grade: 11-12

A studio-based class for students who have already had one year of clay and include advanced projects in clay hand building and wheel throwing.

ADVANCED CLAY III

Credit: 1

Prerequisite: Visual Art I, Clay I, & Clay II

Grade: 12

A studio-based class for students who have already had two years of clay and include advanced projects in clay hand building and wheel throwing.

ADVANCED PLACEMENT ART HISTORY

Credit: 1

Prerequisite: None

Grade: 10-12

In this course, students will explore major forms of artistic expression including architecture, sculpture, painting and other media from across a variety of cultures. Students will learn to critically analyze works of art within diverse historical and cultural contexts, considering issues such as politics, religion, patronage, gender, and ethnicity. Students will also learn about the purpose and function of art as they develop their ability to articulate visual and art historical concepts in verbal and written form. Many colleges and universities offer advanced placement and/or credit to students who perform successfully on the AP Art History Exam.

THEATRE I 9TH GRADE

Credit: 1

Prerequisite: None

Grade: 9

This course is designed to give 9th grade students an introduction to theatre. Students explore the collaborative and creative function of theatrical production. They learn the basics of acting and improvisation through participation.

This course will fulfill your Fine Art requirement.

THEATRE I

Credit: 1

Prerequisite: None

Grade: 9-12

This course is designed to give students an introduction to theatre. Students explore the collaborative and creative function of theatrical production. They learn the basics of acting and improvisation through participation.

This course will fulfill your Fine Art requirement.

THEATRE II

Credit: 1

Prerequisite: Theatre I

Grade: 10-12

This course is designed for the student that exhibits an interest in theatre. Students will focus on acting, directing, and the study of methods for developing a character for performance. The course includes scene work and improvisation.

THEATRE III

Credit: 1

Prerequisite: Theatre II

Grade: 11-12

This course is designed for the student who is interested in pursuing theatre on a college or other post secondary setting. Emphasis in this course is placed on leadership positions in stage production and direction.

THEATRE IV

Credit: 1

Prerequisite: Theatre III

Grade: 12

The Theater Arts IV class continues studies of advanced elements of theatre and drama to prepare those interested in pursuing theater in a post-secondary or work-related setting. Students will be required to prepare and participate in a senior project. This course may require after-school rehearsals and performances that will be used as part of the evaluation process.

DUAL- ENROLLMENT INTRODUCTION TO THEATER

*Pending MTSU approval

Credit: 1/2 (3 hours college credit)

Prerequisite: 3.0 GPA and 22 ACT (These are set by MTSU and could change at any time)

Grade: 11-12

Overview of theatre as an art form. Appreciation and understanding of the production process. Can be used to satisfy part of the General Education Humanities and/or Fine Arts requirement.

GENERAL MUSIC

Credit: 1

Prerequisite: None

Grade: 9-12

This music course is for the non-musician who enjoys listening to music, as well as those with a background in music study. The course explores the role music plays in our lives including entertainment, dance, art, film, other cultures, religious, and musical theater.

This course will fulfill your Fine Art requirement.

DUAL- ENROLLMENT INTRODUCTION TO MUSIC

Credit: 1/2 (3 hours college credit)

Prerequisite: 3.0 GPA and 22 ACT (These are set by MTSU and could change at any time)

Grade: 11-12

Introduction to music is an overview course that introduces students to the elements of music and the historical and global contexts that music impacts. In this course we will seek to understand more fully music and its relationship to our lives and human cultures. We will focus on the diverse music of the United States, study non-Western traditions, and provide a rudimentary familiarity with the Western art music tradition. Most importantly, we will cultivate active listening skills, and help students acquire the vocabulary and tools to articulate their musical perceptions.

CHOIR-CONCERT, WOMEN'S, MEN'S, & SELECT

Credit: 1

Prerequisite: Audition for Women's or Select Choir

Grade: 9-12

Beginning or Concert choir is designed for the beginning level male or female vocalist. No audition or previous choir experience is required. The students learn basic music reading and vocal techniques. The Select and Women's choir requires students to have previous choral experience. The student should be able to read music and have a working knowledge of basic vocal technique. Participating in the All-State and Mid-State chorus auditions is emphasized.

CONCERT WOODWIND

Credit: 1

Prerequisite: Instructor Approval/Audition

Grade: 9-12

This class is designed specifically for woodwind students with prior band class training on their instrument. Emphasis is placed on improving music reading skill and instrumental techniques through standard band literature and sight reading. The class places importance on individual music performance, music theory, ear training and music history. Participation in the concert band and football band is required.

CONCERT BRASS

Credit: 1

Prerequisite: Instructor Approval/Audition

Grade: 9-12

This class is designed specifically for brass students with prior band class training on their instrument. Emphasis is placed on improving music reading skill and instrumental techniques through standard band literature and sight reading. The class places importance on individual music performance, music theory, ear training and music history. Participation in the concert band and football band is required.

SYMPHONIC BAND

Credit: 1

Prerequisite: Instructor Approval/Audition

Grade: 10-12

This course is designed for the intermediate level band student who has several years experience on their instrument and has demonstrated success at a higher level. Emphasis is placed on improving music reading skill and instrumental techniques through standard band literature and sight reading. The class places importance on individual music performance, music theory, ear training, and music history. Participation in the concert band and football band is required.

WIND ENSEMBLE

Credit: 1

Prerequisite: Instructor Approval/Audition

Grade: 10-12

This course is designed for the advanced student who demonstrates advanced skill level, knowledge of music theory and musicianship.

Emphasis is placed on improving music reading skill and instrumental techniques through standard band literature and sight reading. The class places importance on individual music performance, music theory, ear training, and music history. Participation in the concert band and football band is required.

JAZZ BAND

Credit: 1

Prerequisite: Instructor Approval/Audition

Grade: 9-12

Students will rehearse and perform a variety of jazz styles to include swing, Latin, rock, funk, be-bop, and others. Emphasis will be placed on performance and music theory concepts. Students interested in Jazz Band are encouraged to sign up for the class and audition for the band directors.

PERCUSSION BAND

Credit: 1

Prerequisite: Instructor Approval/Audition

Grade: 9-12

This course is designed for percussion students who have prior band class training on their instrument or at least the equivalent of 3 years experience on the percussion instruments. Emphasis is placed on improving music reading skill and playing skills through percussion studies, ensembles, standard band literature and sight reading. The class places importance on individual music performance, music theory, ear training, and music history. Participation in the concert band and football band is required.

FINANCE

PROGRAM OF STUDY: BANKING & FINANCE

INTRODUCTION TO BUSINESS & MARKETING

Credit: ½

Prerequisite: None

Grade: 9-10

Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school.

COMPUTER APPLICATIONS

Credit: ½

Prerequisite: None

Grade: 9-10

This course is designed to develop computer technology skills. Students will use a variety of computer software and hardware tools and features of an electronic information network. Students will explore the social, business, and ethical issues of using computer technology. The students will develop skills that will assist them with efficient production of word processing documents, spreadsheets, databases, and presentations. This course may be offered as dual credit.

ACCOUNTING I

Credit: 1

Prerequisite: None

Grade: 10-11

Introduces business transactions, journalizing, posting, and preparing worksheets and financial statements for a sole proprietorship, partnership and corporation.

BANKING & FINANCE

Credit: 1

Prerequisite: Accounting I

Grade: 11-12

Banking and Finance is designed to challenge students with real-world banking and financial situations through a partnership with a local financial institution. This business partnership should provide resources for faculty and students that include but are not limited to mentors, seminars, and hands-on experience with day-to-day banking operations. Upon completion of this course, proficient students will have a strong foundation for continued education in finance and business administration, specializing in occupations that support banking and financial institutions.

ACCOUNTING II

Credit: 1

Prerequisite: Accounting I

Grade: 11-12

Accounting II is an advanced study of concepts, principles, and techniques used by businesses to maintain electronic and manual financial records. This course expands on content explored in Accounting I to cover the accounting processes of a variety of different firms, including merchandising, manufacturing, and service-oriented businesses. Upon completion of this course, proficient students will gain in-depth knowledge of business accounting procedures and their applications to business operations. Upon completion of this course, students will be prepared for postsecondary study and advanced training in accounting or business. Additionally, completion of this course can lead to a work-based learning (WBL) experience as the program of study capstone.

WORK BASED LEARNING: BANKING

Credit: 1

Prerequisite: 2 credits in a Business or Marketing program of study

Grade: 12

Business & Entrepreneurship Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Business and Marketing courses within a simulated startup environment or authentic business setting. The course is structured to allow students the creativity to develop, launch, and market original business ideas. It is ideal for students who wish to pursue careers as future business owners or entrepreneurs. Practicum activities can take place around student-led startups under the supervision of the instructor, or in collaboration with a local business incubator. The standards in this course can also be used to promote student participation in a work-based learning (WBL) experience through an internship or other off-campus arrangement. Upon completion of the practicum, proficient students will be prepared to further develop their business ideas into viable ventures, or continue their study at the postsecondary level.

WORK-BASED LEARNING CAREER PRACTICUM

Credit: 1-2

Prerequisite: Teacher Recommendation

Grade: 12

Work-Based Learning: Career Practicum is a capstone course intended to provide students with opportunities to apply the skills and knowledge learned in previous CTE and general education courses within a professional work environment. The course allows students to earn high school credit for select models of work-based learning, which allow students to interact with industry professionals in order to extend and deepen classroom work and support the development of postsecondary and career readiness knowledge and skill.

HEALTH SCIENCE EDUCATION

PROGRAM OF STUDY: NURSING SERVICES

HEALTH SCIENCE EDUCATION

Credit: 1

Prerequisite: None

Grade: 9-11

Health Science Education is an introductory course designed to prepare students to pursue careers in the fields of biotechnology research, therapeutics, health informatics, diagnostics, and support services. Upon completion of this course, a student proficient in Health Science Education will be able to identify careers in these

fields, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills. This course will serve as a strong foundation for all of the Health Science programs of study.

HONORS MEDICAL THERAPEUTICS

Prerequisite: Health Science Education

Grade: 10-12

This course provides knowledge and skills needed to care for and monitor a patient's health status. Emphasis is placed on medical terminology, charting, documentation, pharmacology, and medical assessment. Students are encouraged to take Anatomy and Physiology after completing this class. This course is a prerequisite for clinical Internship.

ANATOMY & PHYSIOLOGY

Credit: 1

*Prerequisite: Biology (*Recommended Medical Therapeutics)*

Grade: 10-12

This course is designed for students that are planning on pursuing careers in either a medical field or biology. Anatomy and Physiology is the study of the structure and function of the human body. All Health Science education majors are encouraged to take this course. This course counts as a life science credit. The course may be offered as dual credit. Dual credit is taking a high school course with accompanying challenge exam created by Tennessee secondary and postsecondary faculty. Students who meet or exceed the established cut score set for the exam earn credits that may be applied to any public postsecondary institution in Tennessee.

NURSING EDUCATION

Credit: 1

Prerequisite: Honors Medical Therapeutics and Anatomy and Physiology

Grade: 11-12

Nursing Education is a capstone course designed to prepare students to pursue careers in the field of nursing. Upon completion of this course, a proficient student will be able to implement communication and interpersonal skills, maintain residents' rights and independence, provide care safely, prevent emergency situations, prevent infection through infection control, and perform the skills required of a nursing assistant. At the conclusion of this course, if students have logged 40 hours of classroom instruction and 20 hours of classroom clinical instruction, and if they have completed 40 hours of site-based clinical with at least 24 of those hours spent in a long-term care facility, then they are eligible to take the certification examination as a Certified Nursing Assistant (CNA). Prior to beginning work at a clinical site, students must be certified in Basic Life Support (BLS) Cardiopulmonary Resuscitation (CPR), and deemed competent in basic first aid, body mechanics, Standard Precaution guidelines, and confidentiality. The

student may have the opportunity to earn the Certified Nursing Assistant (CNA) Industry Certification.

PROGRAM OF STUDY: EMERGENCY SERVICES

HEALTH SCIENCE EDUCATION

Credit: 1

Prerequisite: None

Grade: 9-11

Health Science Education is an introductory course designed to prepare students to pursue careers in the fields of biotechnology research, therapeutics, health informatics, diagnostics, and support services. Upon completion of this course, a student proficient in Health Science Education will be able to identify careers in these fields, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills. This course will serve as a strong foundation for all of the Health Science programs of study.

HONORS MEDICAL THERAPEUTICS

Prerequisite: Health Science Education

Grade: 10-12

This course provides knowledge and skills needed to care for and monitor a patient's health status. Emphasis is placed on medical terminology, charting, documentation, pharmacology, and medical assessment. Students are encouraged to take Anatomy and Physiology after completing this class. This course is a prerequisite for clinical Internship.

ANATOMY & PHYSIOLOGY

Credit: 1

*Prerequisite: Biology (*Recommended Medical Therapeutics)*

Grade: 10-12

This course is designed for students that are planning on pursuing careers in either a medical field or biology. Anatomy and Physiology is the study of the structure and function of the human body. All Health Science education majors are encouraged to take this course. This course counts as a life science credit. The course may be offered as dual credit. Dual credit is taking a high school course with accompanying challenge exam created by Tennessee secondary and postsecondary faculty. Students who meet or exceed the established cut score set for the exam earn credits that may be applied to any public postsecondary institution in Tennessee.

EMERGENCY MEDICAL SERVICES

Credit: 1

Prerequisite: Health Science Education and Anatomy and Physiology

Grade: 11-12

Emergency Medical Services is a capstone course designed to prepare students to pursue careers in the fields of emergency medicine. Upon completion of this course, proficient students will

be able to: identify careers and features of the EMS system; define the importance of workforce safety and wellness; maintain legal and ethical guidelines; correlate anatomy and physiology concepts to the patient with a medical or traumatic injury; and perform EMS skills with a high level of proficiency. If taught with an EMT instructor, students will be given the opportunity to sit for the National Emergency Medical Responder certification. In addition, students will continue to add artifacts to a portfolio, which they will continue to build throughout the program of study. Each standard presumes that the expected knowledge and behaviors are within the scope of practice for that EMS licensure level, as defined by the National EMS Scope of Practice Model. Each competency applies to patients of all ages, unless a specific age group is identified. The standards also presume there is a progression in practice from the Emergency Medical Responder level to the Paramedic level. The descriptors used to illustrate the increasing complexity of knowledge and behaviors through the progression of licensure levels originate, in part, from the National EMS Scope of Practice Model.

PROGRAM OF STUDY: THERAPEUTIC SERVICES

HEALTH SCIENCE EDUCATION

Credit: 1

Prerequisite: None

Grade: 9-11

Health Science Education is an introductory course designed to prepare students to pursue careers in the fields of biotechnology research, therapeutics, health informatics, diagnostics, and support services. Upon completion of this course, a student proficient in Health Science Education will be able to identify careers in these fields, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills. This course will serve as a strong foundation for all of the Health Science programs of study.

HONORS MEDICAL THERAPEUTICS

Prerequisite: Health Science Education

Grade: 10-12

This course provides knowledge and skills needed to care for and monitor a patient's health status. Emphasis is placed on medical terminology, charting, documentation, pharmacology, and medical assessment. Students are encouraged to take Anatomy and Physiology after completing this class. This course is a prerequisite for clinical Internship.

ANATOMY & PHYSIOLOGY

Credit: 1

*Prerequisite: Biology (*Recommended Medical Therapeutics)*

Grade: 10-12

This course is designed for students that are planning on pursuing careers in either a medical

field or biology. Anatomy and Physiology is the study of the structure and function of the human body. All Health Science education majors are encouraged to take this course. This course counts as a life science credit. The course may be offered as dual credit. Dual credit is taking a high school course with accompanying challenge exam created by Tennessee secondary and postsecondary faculty. Students who meet or exceed the established cut score set for the exam earn credits that may be applied to any public postsecondary institution in Tennessee.

PHARMACOLOGICAL SCIENCES

Credit: 1

Prerequisites: Health Science Education and Chemistry

Grade: 11-12

Pharmacological Sciences is a third-level applied course in the Therapeutic Clinical Services program of study intended to prepare students with an understanding of the roles and responsibilities of the healthcare worker in a pharmacy setting. This course equips students with the communication, goal-setting, and information-processing skills to be successful in the workplace, in addition to covering key topics in pharmacology, pharmacy law and regulations, sterile and non-sterile compounding, medication safety, quality assurance, and more. The student may have the opportunity to earn the Certified Pharmacy Technician Industry Certification.

CLINICAL INTERNSHIP

Credit: 1

*Prerequisites: Health Science and Medical Therapeutics (*Recommended Anatomy & Physiology)*

Grade: 12

Students will rotate through various hospital settings such as the emergency room, wound care and pediatrics. This hands-on program allows students to see real life situations and apply skills and knowledge gained from Health Science and Medical Therapeutics. An application must be filled out and approval given before a student can register for this class. The student may have the opportunity to earn the Certified Clinical Medical Assistant Industry Certification. **The internship will take place in the fall during a two period block. Students will earn one credit.

HOSPITALITY & TOURISM

PROGRAM OF STUDY: CULINARY ARTS

CULINARY ARTS I

Credit: 1

Prerequisite: None

Grade: 10-11

This course prepares students for gainful employment and/or entry into post secondary education in the food production and service

industry. The course content will provide students the opportunity to acquire marketable entry-level skills and preparation techniques utilized in the food service industry. The first year program will introduce the student to: Health and Safety Certification, Knife Skills, Baking, Portion Control, Kitchen Safety and Sanitation, Menu Planning, Intro to Table Service, Cakes, Pies, and Tarts, Weights and Measurements, Vegetable Side Dishes, Classical/Modern Ethnic Cuisine

CULINARY ARTS II

Credit: 2

Prerequisite: Culinary Arts I

Grade: 10-12

The second year will emphasize food production, ethnic cuisine, culinary presentation, teamwork, menu planning/design, and food service operations. Students will operate and manage a restaurant and catering company. Kitchen lab work includes: Grand Sauces and Soups, Specialty Salads and Dressings, Breakfast Cooking, Advanced Pastries/Ice Creams, Advanced Cooking Methods, Sandwiches and Pizzas, Advanced Table Cooking Service, Banquet/Institutional/Ala Carte Foods, & Cake Decorating

HONORS CULINARY ARTS III

Credit: 2

Prerequisite: Culinary Arts II

Grade: 12

This course serves as a capstone course. It also prepares students for gainful employment and or entry into post-secondary education in the food production and service industry. Content provides students the opportunity to apply the marketable culinary arts skills they have acquired by assuming increasingly responsible positions including participation in a cooperative education experience. Culinary related academics, Food/Beverage service and purchasing, Restaurant design and management (Blaze Bistro), Menu planning, Candy making, Buffet preparation and presentation. Additional skill instruction includes developing a resume, job interview skills, job applications, and obtaining post secondary education and training.

HONORS CULINARY ARTS IV

Credit: 1

Prerequisite: Culinary Arts III

Grade: 12

Culinary Arts IV is the capstone course in the Culinary Arts program of study intended to prepare students for careers such as personal chef, caterer, executive chef, and food and beverage manager. Course content covers the components of commercial kitchen safety and sanitation, food presentation, bakeshop preparation skills, sustainability practices, professionalism, and business opportunities. Upon completion of this course, proficient students will have applied the full range of

knowledge and skills acquired in this program of study toward the planning and catering of an event approved by the instructor. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses.

INFORMATION TECHNOLOGY

PROGRAM OF STUDY: CODING

COMPUTER SCIENCE FOUNDATIONS

Credit: 1

Prerequisite: None

Grade: 9-10

Designed to prepare students with skills for advancement in information technology career paths, this class will consist of three sections including computer hardware and operating systems, network architecture, and web design. Students will gain introductory knowledge of computer systems, computer-system components, and operating systems. Students will learn the fundamentals of computer networking: determining system requirements, setting up equipment, and performing installation for end users. Students will learn website development basics including how to design and publish websites using site development applications and advanced multimedia technologies. The student may have the opportunity to earn the CompTIA IT Fundamentals Industry Certification.

CODING I

Credit: 1

Prerequisite: Algebra I or Integrated Math I & Computer Science Foundations

Grade: 10-12

Coding I is a course intended to teach students the basics of computer programming. The course places emphasis on practicing standard programming techniques and learning the logic tools and methods typically used by programmers to create simple computer applications. Upon completion of this course, students proficient in programming and logic can solve problems by planning multi-step procedures. They are able to write, analyze, review, and revise programs, converting detailed information from work-flow charts and diagrams into coded instructions in a computer language. Students completing this course will be able to troubleshoot/debug programs and software applications to correct malfunctions and ensure their proper execution.

CODING II

**Possible Dual-enrollment pending MTSU*

Credit: 1

Prerequisite: Coding I

Grade: 11-12

Coding II challenges students to develop advanced skills in problem analysis, construction of algorithms, and computer implementation of algorithms as they work on programming

projects of increased complexity. In so doing, they develop key skills of discernment and judgment as they must choose from among many languages, development environments, and strategies for the program life cycle. Course content is reinforced through numerous short- and long-term programming projects, accomplished both individually and in small groups. These projects are meant to hone the discipline and logical thinking skills necessary to craft error-free syntax for the writing and testing of programs. Upon completion of this course, proficient students will demonstrate an understanding of object-oriented programming language using high-level languages such as FOCUS, Python, or SAS. The student may have the opportunity to earn the Comp TIA A+ Industry Certification.

PROGRAM OF STUDY: NETWORKING SYSTEMS

COMPUTER SCIENCE FOUNDATIONS

Credit: 1

Prerequisite: None

Grade: 9-10

Designed to prepare students with skills for advancement in information technology career paths, this class will consist of three sections including computer hardware and operating systems, network architecture, and web design. Students will gain introductory knowledge of computer systems, computer-system components, and operating systems. Students will learn the fundamentals of computer networking: determining system requirements, setting up equipment, and performing installation for end users. Students will learn website development basics including how to design and publish websites using site development applications and advanced multimedia technologies. The student may have the opportunity to earn the CompTIA IT Fundamentals Industry Certification.

COMPUTER SYSTEMS

Credit: 1

Prerequisite: Information Technology Foundations

Grade: 10-11

The goal of this course is to provide a thorough, step-by-step process for learning the fundamentals of supporting and troubleshooting computer hardware and operating systems. We examine theoretical concepts that make the world of technology unique while adopting a practical hands-on approach when examining PC development techniques. Additionally, we explore the advancement of technological developments and timeless problem-solving strategies. The student may have the opportunity to earn the following Industry Certifications: Comp TIA A+ and/or Cisco Certified Entry Network Tech (CCENT).

HONORS NETWORKING

Credit: 1

Prerequisite: Computer Systems

Grade: 11-12

Networking stresses the conceptual and practical skills necessary to design and manage networks. Course content, which is of the project-based format, allows students to interconnect workstations, peripherals, terminals, and other networking devices creating an integrated system where all devices speak the same language or protocol. The course will help prepare students to design, build, and maintain computer networks. The student may have the opportunity to earn the following Industry Certifications: CompTIA Network + and/or Cisco Certified Network Associate (CCNA).

HONORS CABLING & INTERNET WORKING

Credit: 1

Prerequisite: Algebra I and Networking

Grade: 12

Cabling & Internetworking is an advanced course intended to equip students with the conceptual and practical skills necessary to install voice and data network cabling. This course emphasizes industry standards, types of media and cabling, physical and logical networks, and signal transmission. Upon completion of this course, students will have skills in cable termination, reading network design documentation, pulling and mounting cable, setting up telecommunications rooms, basic cable testing and troubleshooting.

I.T. CLINICAL INTERNSHIP

Credit: 1

Prerequisite: Computer Systems; Teacher Approval

Grade: 12

Designed to be completed in an IT Support environment around the school, this course puts to practical use, all of the skills attained in previous courses, and provides the student with valuable hands-on experience. This meets the recommended 500 hours work experience to prepare each student to pass the CompTIA A+ exams, certifying them as industry recognized IT Support technicians. Acceptance into program is at the discretion of the instructor.

LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY

PROGRAM OF STUDY: LAW ENFORCEMENT SERVICES

PRINCIPLES OF LAW CORRECTIONS & SECURITY

Credit: 1

Prerequisite: None

Grade: 9-10

Principles of Law, Corrections, and Security is an introductory course designed to prepare students to pursue careers in the fields of law enforcement,

legal services, corrections, and security. Upon completion of this course, a proficient student will be able to identify careers in these fields, summarize the laws that govern the application of justice, and draw key connections between the history of the criminal justice system and the modern legal system. In addition, students will model the professional, moral, and ethical standards required of professionals in the fields of law, legal services, corrections, and security.

CRIMINAL JUSTICE I

Credit: 1

Prerequisite: None

Grade: 9-11

Students in this first-year criminal justice course will examine the three major parts of the criminal justice system: law enforcement, the courts, and corrections. Students will be given an overview of the roles and careers available in policing; the courtroom workforce, including attorneys; and the operation of jails, prisons and the probation and parole system. This course includes an overview of the laws involved in each of the three parts.

CRIMINAL JUSTICE II

Credit: 1

Prerequisite: Criminal Justice I

Grade: 10-12

This course will continue the students' look at career roles in the major areas of criminal justice – law enforcement, courts and corrections. Students in this second-year course will be able to take a closer look at the law, including an in-depth look at constitutional issues effecting professionals in these areas. Students will conduct mock trials and have an opportunity to experience course-related field trips. Criminal Justice II also gives students a look at forensics, including the opportunity to work with mock crime scenes, and the new careers emerging as new technological advances are made. The student may have the opportunity to earn state-wide dual credit in this course. State-wide dual credit is taking a high school course with accompanying challenge exam created by Tennessee secondary and postsecondary faculty. Students who meet or exceed the established cut score set for the exam earn credits that may be applied to any public postsecondary institution in Tennessee.

CRIMINAL JUSTICE III

Credit: 1

Prerequisite: Criminal Justice II

Grade: 11-12

Criminal Justice III is designed to give students an in-depth look at how professionals in the major areas of criminal justice perform their jobs. This course is heavily focused on research and observation. Students will be given assignments

requiring the gathering, evaluation and analysis of information and data in various criminal justice careers. Students will be required to work outside of class on major projects and to make visits to observe criminal justice professionals at work (courthouse, law offices, detention centers). The purpose of this course is to assist students who wish to continue their education and training in a criminal justice field in their preparation for and selection of post-secondary education.

MARKETING

PROGRAM OF STUDY: MARKETING MANAGEMENT

INTRODUCTION TO BUSINESS & MARKETING

Credit: ½

Prerequisite: None

Grade: 9-10

Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school.

COMPUTER APPLICATIONS

Credit: ½

Prerequisite: None

Grade: 9-10

This course is designed to develop computer technology skills. Students will use a variety of computer software and hardware tools and features of an electronic information network. Students will explore the social, business, and ethical issues of using computer technology. The students will develop skills that will assist them with efficient production of word processing documents, spreadsheets, databases, and presentations.

MARKETING & MANAGEMENT I: PRINCIPLES

Credit: 1

Prerequisite: None

Grade: 10-11

Do you want a successful career in Marketing or Management? Do you want to own your own business one day? If so, we have the class for

you. Marketing I will teach you how to market your products or business successfully, how to establish a competitive edge in today's global economy, how the economy affects businesses, prices and employees and how to conduct a professional interview. It also gives you the opportunity to join one of the largest student organizations in the nation, "DECA". Leadership and communications skills are emphasized in this course. If taken your sophomore or junior year, you will be able to co-op in the Marketing Program during your senior year; provided you are in good standing with regard to academics, absences, and discipline.

MARKETING & MANAGEMENT II: ADVANCED STRATEGIES

Credit: 1

Prerequisite: Marketing I

*Grade: 11-12 (*strongly recommended for grade 12)*

Members of this select group will work on an extensive marketing research project. Most of these projects are done in teams and are submitted for DECA competitive events. Students first select a business of their choice as a basis for their study. After gathering and analyzing the data, students develop a proposal to improve the selected business. Formal business presentations are completed as part of the curriculum to promote communication, interpersonal, and leadership skills. Other topics of study include management, entrepreneurship, purchasing & pricing.

HONORS MARKETING & MANAGEMENT II: ADVANCED STRATEGIES

Credit: 1

Prerequisite: Marketing I

*Grade: 11-12 (*strongly recommended for grade 12)*

This course is for the accelerated student who thinks critically and analyzes work products. Members of this select group will work on an extensive marketing research project. Most of these projects are done in teams and are submitted for DECA competitive events. Students first select a business of their choice as a basis for their study. After gathering and analyzing the data, students develop a proposal to improve the selected business. Formal business presentations are completed as part of the curriculum to promote communication, interpersonal, and leadership skills. Other topics of study include management, entrepreneurship, purchasing & pricing.

HONORS EVENT PLANNING & MANAGEMENT

Credit: 1

Prerequisite: Three credits earned in a previous Hospitality and Tourism or Marketing Program of study

Grade: 11-12

Event Planning & Management is designed to be a project-based, capstone experience in

which students research, prepare, deliver, and reflect upon an original event for a community organization or non-profit. Proficient students in this course will further refine leadership, teamwork, and management skills acquired in previous courses and apply them through application in a practicum setting. The course is highly customizable to meet local needs: partner organizations may be chosen at the discretion of student teams, with the approval of the instructor and appropriate school personnel. Organizations can include local non-profits, charities, shelters, agencies, school-based enterprises, or other entities with a demonstrated need for assistance in staging an event or a commitment to providing students with work-based learning opportunities.

HONORS VIRTUAL ENTERPRISE INTERNATIONAL

Credit: 1

Prerequisite: Any Business or Marketing Course

Grade: 11-12

Student-run business with national and international trading on-line. Students learn all facets of a business.

BUSINESS & ENTREPRENEURSHIP PRACTICUM: BOOKSTORE

Credit: 1

Prerequisite: 2 credits in a Business or Marketing program of study

Grade: 12

Business & Entrepreneurship Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Business and Marketing courses within a simulated startup environment or authentic business setting. The course is structured to allow students the creativity to develop, launch, and market original business ideas. It is ideal for students who wish to pursue careers as future business owners or entrepreneurs. Practicum activities can take place around student-led startups under the supervision of the instructor, or in collaboration with a local business incubator. The standards in this course can also be used to promote student participation in a work-based learning (WBL) experience through an internship or other off-campus arrangement. Upon completion of the practicum, proficient students will be prepared to further develop their business ideas into viable ventures, or continue their study at the postsecondary level.

WORK-BASED LEARNING CAREER PRACTICUM

Credit: 1-2

Prerequisite: Teacher Recommendation

Grade: 12

Work-Based Learning: Career Practicum is a capstone course intended to provide students with opportunities to apply the skills and knowledge learned in previous CTE and general

education courses within a professional work environment. The course allows students to earn high school credit for select models of work-based learning, which allow students to interact with industry professionals in order to extend and deepen classroom work and support the development of postsecondary and career readiness knowledge and skills.

PROGRAM OF STUDY: ENTREPRENEURSHIP

INTRODUCTION TO BUSINESS & MARKETING

Credit: ½

Prerequisite: None

Grade: 9-10

Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school.

COMPUTER APPLICATIONS

Credit: ½

Prerequisite: None

Grade: 9-10

This course is designed to develop computer technology skills. Students will use a variety of computer software and hardware tools and features of an electronic information network. Students will explore the social, business, and ethical issues of using computer technology. The students will develop skills that will assist them with efficient production of word processing documents, spreadsheets, databases, and presentations.

MARKETING & MANAGEMENT I: PRINCIPLES

Credit: 1

Prerequisite: None

Grade: 10-11

Do you want a successful career in Marketing or Management? Do you want to own your own business one day? If so, we have the class for you. Marketing I will teach you how to market your products or business successfully, how to establish a competitive edge in today's global economy, how the economy affects businesses, prices and employees and how to conduct a

professional interview. It also gives you the opportunity to join one of the largest student organizations in the nation, "DECA". Leadership and communications skills are emphasized in this course. If taken your sophomore or junior year, you will be able to co-op in the Marketing Program during your senior year; provided you are in good standing with regard to academics, absences, and discipline.

HONORS ENTREPRENEURSHIP

Credit: 1

Prerequisite: Marketing I

Grade: 11-12

As an Honors course, Entrepreneurship students will complete the following additional activities: Two (2) outside reading books from approved book list with accompanying analysis projects; students will develop and prepare a complete business plan for the industry of their choice; integration of appropriate business technology into all course assignments; deeper exploration of the culture, values, and history of the discipline (including the impact of International Trade on domestic entrepreneurs and participation in the International Economic Summit Event at MTSU; extensive opportunities for problem solving experiences through imagination, critical analysis, and application in the form of "The Apprentice" types of challenges on a monthly basis.

HONORS VIRTUAL ENTERPRISE INTERNATIONAL

Credit: 1

Prerequisite: Any Business or Marketing Course

Grade: 11-12

Student-run business with national and international trading on-line. Students learn all facets of a business.

BUSINESS & ENTREPRENEURSHIP PRACTICUM: SKETCH IT UP

Credit: 1

Prerequisite: 2 credits in a Business or Marketing program of study

Grade: 12

Business & Entrepreneurship Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Business and Marketing courses within a simulated startup environment or authentic business setting. The course is structured to allow students the creativity to develop, launch, and market original business ideas. It is ideal for students who wish to pursue careers as future business owners or entrepreneurs. Practicum activities can take place around student-led startups under the supervision of the instructor, or in collaboration with a local business incubator. The standards in this course can also be used to promote student participation in a work-based learning (WBL)

experience through an internship or other off-campus arrangement. Upon completion of the practicum, proficient students will be prepared to further develop their business ideas into viable ventures, or continue their study at the postsecondary level.

WORK-BASED LEARNING CAREER PRACTICUM

Credit: 1-2

Prerequisite: Teacher Recommendation

Grade: 12

Work-Based Learning: Career Practicum is a capstone course intended to provide students with opportunities to apply the skills and knowledge learned in previous CTE and general education courses within a professional work environment. The course allows students to earn high school credit for select models of work-based learning, which allow students to interact with industry professionals in order to extend and deepen classroom work and support the development of postsecondary and career readiness knowledge and skills.

STEM

STEM I: FOUNDATION

Credit: 1

Prerequisite: None

Expectations: Students have shown proficiency in previous coursework, especially math and science courses and are considering a career in the STEM field.

Grade: 9-10

STEM I: Foundation is a foundational course in the STEM cluster for students interested in learning more about careers in science, technology, engineering and mathematics. This course covers basic skills required for STEM fields of study. Upon completion of this course, proficient students are able to identify and explain the steps in both the engineering design and the scientific inquiry processes. They conduct research to develop meaningful questions, define simple problem scenarios and scientific investigations, develop fundamental design solutions, conduct basic mathematical modeling and data analysis, and effectively communicate solutions and scientific explanations to others.

STEM II: FOUNDATION

Credit: 1

Prerequisite: STEM I and Biology or Physical Science

Expectations: Students have shown proficiency in previous coursework, especially math and science courses and are considering a career in the STEM field.

Grade: 10-11

STEM II: Applications is a project-based learning experience for students who wish to further explore the dynamic range of STEM fields introduced in STEM I: Foundation. Building on the content and critical thinking frameworks

of STEM I, this course asks students to apply the scientific inquiry and engineering design processes to a course-long project selected by the instructor with the help of student input. Instructors design a project in one of two broad pathways (traditional sciences or engineering) that reflects the interest of the class as a whole; the students then apply the steps of the scientific inquiry or the engineering design process throughout the course to ask questions, test hypotheses, model solutions, and communicate results. In some cases, instructors may be able to design hybrid projects that employ elements of both the scientific inquiry and the engineering design process. Upon completion of this course, proficient students will have a thorough understanding of how scientists and engineers research problems and methodically apply STEM knowledge and skills; and they will be able to present and defend a scientific explanation and/or an engineering design solution to comprehensive STEM-related scenarios.

STEM III: FOUNDATION

Credit: 1

Prerequisite: STEM I, STEM II, Algebra I or Integrated Math I, Geometry, and Physical Science

Expectations: Students have shown proficiency in previous coursework, especially math and science courses and are considering a career in the STEM field.

Grade: 11-12

This course has been designed as an advanced study for students engaged in themed academies and general technology studies that lead to the capacity to understand how technology's development, control and use is based on design constraints, and human wants and needs. The structure of the course challenges students to use design processes so that they can think, plan, design and create solutions to engineering and technological problems. Students are actively involved in the organized an integrated application of technological resources, engineering concepts, and scientific procedures. The student may have the opportunity to earn the Certified Solidworks Associate (CSWA)-Academic Industry Certification.

***STEM IV: STEM PRACTICUM WILL BE OFFERED IN THE 2018-2019 SCHOOL YEAR**

COURSE DESCRIPTIONS: ENGLISH

SUMMER READING IS DETERMINED BY THE BHS ENGLISH DEPARTMENT AND WILL BE ANNOUNCED IN THE SPRING AND PLACED ON THE WEBSITE FOR YOUR CONVENIENCE

ENGLISH I

Credit: 1

This college preparatory course emphasizes language skills to increase grammar efficiency and vocabulary through writing experiences, to enhance literary analysis through discussion, and

to provide an introduction to research. Works of literary merit are recommended as summer reading in addition to a parallel reading program during the year. The student will take the TN Ready Assessment at the end of the course.

ENGLISH I READING & WRITING LAB

Credit: 1

English I Lab is a course that supports ninth grade students in critical reading and writing skills, which are both necessary for success in high school and in college/career. Students are placed in standard English I and also in the lab concurrently. The placement is based on the Shmoop/Explore scores and/or other state test results that we have access to at the time of placement.

HONORS ENGLISH I

Credit: 1

This course is for the accelerated student which may lead to the Advanced Placement Composition and Literature classes taken during the Junior and Senior year. In addition to the honors curriculum, this course requires summer reading and a greater depth of analysis and accelerated reading. The student will take the TN Ready Assessment at the end of the course.

BCA HONORS (PRE-AP) ENGLISH I

Credit: 1

Prerequisite: Must be a member of the Blackman Collegiate Academy

This course is designed for the accelerated student in preparation for Advanced Placement and Dual Enrollment courses. Students will study selected literary works and informational texts and will develop their composition and analytical skills. Included is a review of the mechanics of grammar, in-depth analyses of all genres of literature, accelerated vocabulary, and concentration on the writing of expository, persuasive, and descriptive essays. In addition to in-class texts, students will read additional novel selections per quarter. BCA students will work in cohorts to develop research questions, to practice research skills, and to produce a final research product that will be presented. Summer reading is required. BCA students will take the TN Ready Assessment at the end of the course.

ENGLISH II

Credit: 1

Prerequisite: English I

This course is a review and continuation of grammar fundamentals, essay writing, a study of informational text, and world literature. Students will study poems, short stories, the course novels, and dramas. Students will continue to develop research skills. Summer reading is optional. The student will take the TN Ready Assessment at the end of the course.

HONORS ENGLISH II

Credit: 1

Prerequisite: English I

This course is designed for the accelerated student to study selected literary works and informational text and to develop his or her composition and analytical skills. Included is a review of the mechanics of grammar, in-depth analyses of all genres of literature, accelerated vocabulary, and concentration on the writing of expository, persuasive, and descriptive essays. Students will continue to develop research skills. Summer reading is required. During the year, a parallel reading program will consist of additional works of literary merit. The student will take the TN Ready Assessment at the end of the course.

BCA HONORS (PRE-AP) ENGLISH II

Credit: 1

Prerequisite: English I and must be a member of the Blackman Collegiate Academy

This course is designed for the accelerated student in preparation for Advanced Placement and Dual Enrollment courses. Students will study selected literary works and informational texts and will develop their composition and analytical skills. Included is a review of the mechanics of grammar, in-depth analyses of all genres of literature, accelerated vocabulary, and concentration on the writing of expository, persuasive, and descriptive essays. In addition to in-class texts, students will read additional novel selections per quarter. BCA students will work in cohorts to develop research questions, to practice research skills, and to produce a final research product that will be presented. Summer reading is required. BCA students will take the TN Ready Assessment at the end of the course.

ENGLISH III

Credit: 1

Prerequisite: English II

The English III literature study consists of a chronological survey of American literature. A continuing study of grammar emphasizes the mastery of sentence structure, mechanics, and vocabulary. Instruction includes the writing of analytical essays, research-based writing, and technology enhanced skills culminating in the Tennessee Writing Assessment and the TN Ready assessment.

HONORS ENGLISH III

Credit: 1

Prerequisite: English II

The English III program is designed for the accelerated student who wishes to concentrate on reading selected literary works and developing composition and analytical skills. In addition to the chronological survey of American literature and the required summer reading of American classics, this course will emphasize an in-depth analytical study of works of literary merit.

Commensurate analytical essays, an accelerated vocabulary program, and independent study will be utilized. Research skills are emphasized. Students will take the Tennessee Writing Assessment and the TN Ready Assessment at the end of the course.

BCA HONORS ENGLISH III

Credit: 1

Prerequisite: English II and must be a member of the Blackman Collegiate Academy

The BCA Honors English III curriculum is designed for the accelerated student who wishes to concentrate on reading selected literary works, develop composition and analytical skills, and prepare for Advanced Placement and Dual Enrollment courses. In addition to the chronological survey of American literature and the required summer reading of American classics, this course will emphasize an in-depth analytical study of works of literary merit. Commensurate analytical essays, an accelerated vocabulary program, and independent study will be utilized. In addition to in class texts, students will be required to read an additional novel selection per quarter. Research skills are emphasized and each student will be required to write a research paper to prepare them for future courses and writing at the collegiate level. In addition, students will present their research to their peers. Students will take the Tennessee Writing Assessment and the TN Ready Assessment at the end of the course.

ADVANCED PLACEMENT ENGLISH III LANGUAGE & COMPOSITION

Credit: 1

Prerequisite: Honors English II

Advanced Placement English III requires the accelerated student to analyze works of literary merit written by American authors and respond to the works in compositions. Students must take the Advanced Placement English Language and Composition exam for college credit. Research skills are emphasized. Summer reading is required.

BCA ADVANCED PLACEMENT ENGLISH III LANGUAGE & COMPOSITION

Credit: 1

Prerequisite: Honors English II and must be a member of the Blackman Collegiate Academy

BCA Advanced Placement English III students analyze foundational fiction and nonfiction works of American literature, surveying crucial periods in American literary history. Improving student writing is a primary objective and involves timed writing as well as longer projects conducted through multiple drafts. Argumentative writing and logic are major focal points. Students hone research skills, including a joint research paper conducted with BCA American History. Students must take the Advanced Placement English Language and Composition exam for college credit. Summer reading is required.

ENGLISH IV

Credit: 1

Prerequisite: English III

This course is a survey of British literature with composition stemming from the study and analyses of the works of major British writers. This course focuses upon writing short compositions and a major research paper.

HONORS ENGLISH IV

Credit: 1

Prerequisite: English III

Students focus on critical analyses of literature through writing assessments. Students are encouraged to develop critical standards for independent appreciation of literary works and sensitivity to literature as a shared experience. Works of literary merit are read during the year, followed by analytical writing and discussion. Students also study accelerated vocabulary and write a research paper on a relevant topic.

ADVANCED PLACEMENT ENGLISH IV LITERATURE & COMPOSITION

Credit: 1

Prerequisite: Honors English III

Advanced Placement English focuses on critical analysis of literature through writing assignments. Students are encouraged to develop critical standards for independent appreciation of literary works and sensitivity to literature as a shared experience. Additional works of literary merit are required for summer reading. Works of literary merit are read during the year, followed by analytical writing and discussion. Students also study accelerated vocabulary and write a research paper on a major literary work. Students must take the nationwide Advanced Placement Examination administered by the College Board.

DUAL-ENROLLMENT ENGLISH 1010 - EXPOSITORY WRITING

Credit: ½ (3 hours college credit)

Grade: 11-12

Prerequisite: 3.0 GPA and 22 ACT with an 18 subscore in English (These are set by MTSU and could change at any time)

The first General Education English course. Emphasis on learning to adapt composing processes to a variety of expository and analytic writing assignments. Minimum grade of C- required for credit.

DUAL-ENROLLMENT ENGLISH 1020 - RESEARCH & ARGUMENTATIVE WRITING

Credit: ½ (3 hours college credit)

Grade: 11-12

Prerequisite: 3.0 GPA and 22 ACT with a 18 subscore in English (These are set by MTSU and could change at any time) and ENGL 1010

The second General Education English course. Emphasis on analytic and argumentative writing and on locating, organizing, and using library resource materials in the writing. Minimum grade of C- required for credit.

HONORS SPEECH

Credit: ½

Prerequisite: None

Grade: 9-12

This advanced course focuses on public address including research, critical thinking, organization, presentation, and listening. Students will both deliver and analyze a wide variety of modes of speeches appropriate for various audiences and purposes. Students will develop skills in the three key components of effective oral communication: preparation/research, speaking/presenting, and listening/evaluating.

DUAL-ENROLLMENT SPEECH COMM 2200 - FUNDAMENTALS OF COMMUNICATION

Credit: ½ (3 hours college credit)

Grade: 11-12

Prerequisite: 3.0 GPA and 22 ACT (These are set by MTSU and could change at any time)

Principles and processes underlying human communication. Communication models; communication purposes and breakdowns; variables related to interpersonal, small group, inter-cultural, and public communication. Emphasis on public oral communication including research, critical thinking, organization, presentation, and listening. Counts as part of the General Education Communication requirement.

CREATIVE WRITING

Credit: 1

Prerequisite: English II

Grade: 11-12

Creative Writing is a course in which students study, analyze, and create literary composition in a variety of genres, and publish their work.

JOURNALISM/YEARBOOK

Credit: 1

Prerequisite: Application and Teacher Approval

Grade: 10-12

Yearbook is a two-semester, elective course that requires students to plan, develop, market, publish, and distribute the school yearbook. Students, with the help of the yearbook advisor, participate in all aspects of yearbook development and publication. This course also provides the opportunity to develop diverse journalistic, technology, business, and life skills like working with advanced technology, strengthening analytical and problem-solving skills, improving communication skills, and managing responsibility. Students will learn to use InDesign, Photoshop, and Yearbook Avenue online to produce and publish the school yearbook.

JOURNALISM/NEWSPAPER

Credit: 1

Prerequisite: Application and Teacher Approval

Grade: 10-12

The Blackman voice staff produces six to eight monthly editions of the school newspaper. We strive for journalistic integrity in all aspects of the newspaper business, with a special emphasis on overall quality and accuracy.

MYTHOLOGY

Credit: ½

Prerequisite: None

Grade: 11-12

Mythology allows students to compare mythologies across cultures. Students study archetypes to set a foundation for comparison and then study and analyze the Egyptian, Mesopotamian, Greek/Roman, Norse, Arthurian, Mayan, African, Indian, Asian, Russian, and Native American pantheons as well as central myths associated with each pantheon. A source material independent reading and reading log are required each semester. Homework also includes the independent research necessary for a Mythology in Our World Collection. This course will provide an understanding of global connections and allusions made to myths in literature, art, music, psychology, and pop culture.

COMEDIES & HISTORIES OF SHAKESPEARE

Credit: ½

Prerequisite: Teacher Recommendation

Grade: 11-12

This course will be an in depth study of the histories and comedies of Shakespeare. In high school, students are usually exposed to the tragedies so this is an opportunity to examine Shakespeare's other styles. Two plays from each style will be studied with a journal kept on each play. We will study the language of the day and themes relevant to our society. Each student will also read one play independently and present to the class. Analytical essays will be written and a short research paper will be required.

HONORS SOUTHERN LITERATURE

Credit: ½

Prerequisite: 10th Grade must have a Teacher Recommendation

Grade: 10-12

Pending approval from the state the Southern Literature class will be a .5 credit course exploring pieces of literature from this genre written during the 19th and 20th Century. The class will analyze cultural, political, historical, and social factors that influenced Southern authors and the literature produced. The class will examine style, tone, diction, syntax, and common themes seen in this genre. The students will read literary works from a variety of diverse southern authors. Students will read Southern Literature both critically and analytically.

COURSE DESCRIPTIONS: HEALTH & PHYSICAL

LIFETIME WELLNESS

Credit: 1

Prerequisite: None

Wellness is a required course containing the following modules: nutrition, personal fitness and

related skills, mental health, disease prevention and control, sexuality and family life, substance use and abuse, safety and first-aid.

PHYSICAL EDUCATION II

Credit: ½

Prerequisite: Lifetime Wellness

The numerous activities in the physical education program include daily warm-ups for each student, followed by individual and team sports. These activities provide carry over values for leisure time participation.

DRIVER TRAINING

Credit: ½

Prerequisite: At least 15 years of age before or during the semester of enrollment.

Grade: 10-12

Driver Training includes a minimum of thirty class hours of instruction and six hours of experience behind the wheel. Current problems on the highway are presented along with laws governing highway use. The primary objective is to make the student a safe driver.

JROTC I

Credit: 1

Prerequisite: None

JROTC I begins the development of cadets into better citizens through a series of instructional blocks including physical fitness, leadership, hygiene and first aid, drill and ceremonies, map reading, oral and written communications, military history, study of the constitutional form of government, marksmanship and drug education. Wellness modules include nutrition, personal fitness, disease prevention and control, substance abuse and safety/first aid. Extracurricular activities are offered in drill team, color guard, rifle team and adventure training in JROTC I – IV.

JROTC II

Credit: 1

Prerequisite: JROTC I

Grade: 10-12

JROTC II is a continuation of studies to further develop cadets into better citizens. A series of instructional blocks is conducted with cadets assuming some leadership positions within the battalion. Subject matter includes techniques of oral and written communications, drill and ceremonies, map reading and land navigation, intermediate leadership, intermediate first aid and hygiene, legislative process of government, U.S. military forces, technology awareness, physical fitness, role of females in the military, drug abuse and prevention, and the study of world issues including military history. Wellness modules included are personal fitness, mental health, sexuality and family life, substance abuse, and first aid.*Two years of JROTC substitutes for one credit of Lifetime Wellness and ½ credit of Physical Education.

JROTC III

Credit: 1

Prerequisite: JROTC II

Grade: 11-12

JROTC III is a continuation of studies to further develop cadets into better citizens. A series of instructional blocks is conducted with cadets assuming larger roles as leaders within the battalion. Subject matter includes advanced techniques of oral and written communications, advanced map reading and land navigation, geography, advanced leadership, American military history, advanced first aid, current events and world affairs, drug abuse and prevention, physical fitness, judicial process of government, and military law enforcement process. *Three years of JROTC substitutes for Government and Personal Finance.

JROTC IV

Credit: 1

Prerequisite: JROTC III

JROTC IV is a culmination of studies begun in JROTC I, II and III of citizenship development within cadets. Seniors (JROTC IV Cadets) are integrated with other JROTC classes and assigned advanced leadership positions within the battalion. A self-study text is provided at the outset with additional responsibilities outlined by the senior army instructor. In view of the advanced stages of instruction received in previous years, the seniors are tasked with staff and administrative responsibilities to prepare them for functioning in a leadership role in our society. Subject matter contained in the self-study text is essentially an advanced level of material covered in previous years. Senior cadets are also utilized as classroom instructors and drill supervisors. Completion of four years of JROTC allows a graduate, if desired to enter the Armed Forces at a higher grade.

JROTC IX

Credit: 1

Prerequisite: 3.0 GPA; Instructor Approval

This course will be offered primarily to all JROTC students who have a 3.0 GPA and serve in key leadership positions in the Blaze Battalion. This population consists mostly of seniors and juniors. Sophomores who meet the GPA requirements and have demonstrated their potential for serving in key leadership positions in the future will also be eligible for this course.

COURSE DESCRIPTIONS: MATHEMATICS

THE MATH SEQUENCE IS AS FOLLOWS: INTEGRATED MATH I • INTEGRATED MATH II • GEOMETRY • ADVANCED MATH COURSE

* Students are required to take a math course all four years

INTEGRATED MATH I

Credit: 1

This course is the first in a series of three integrated math courses. Integrated Math I emphasizes linear and exponential expressions, equations, and functions, and geometric congruence. Students will take the TN Ready Integrated Math I Assessment.

*INTEGRATED MATH III WILL BE OFFERED IN THE 2018-2019 SCHOOL YEAR

INTEGRATED MATH I LAB

Credit: 1

Integrated Math I Lab is a class in which students use computers, manipulatives, hands-on activities and small groups to assist them in mastering Integrated Math I skills. Teachers use creative and innovative methods of instruction to develop and enhance prerequisite skills needed to be successful within the regular classroom. Students are placed in standard Integrated Math I and also in the lab concurrently. Students are placed in this class based upon results from multiple forms of assessment.

HONORS INTEGRATED MATH I

Credit: 1

This course is the first in a series of three integrated math courses. Integrated Math I emphasizes linear and exponential expressions, equations, and functions, and geometric congruence. The honors course is taught more in depth and at a faster pace than the Integrated I course. Some Integrated I and II concepts will be introduced. Students will take the TN Ready Integrated Math I Assessment.

*HONORS INTEGRATED MATH III WILL BE OFFERED IN THE 2018-2019 SCHOOL YEAR

INTEGRATED MATH II

Credit: 1

Integrated Math II is the second in a series of three integrated math courses. This course builds upon concepts taught in Integrated Math I with an emphasis on quadratic and polynomial expressions, equations, and functions. This course also focuses on geometric topics of transformations, proofs, similarity, congruence, trigonometry, circles, and three-dimensional figures. Students extend previous knowledge of exponential properties to rational exponents. This course also introduces probability of

compound events and the complex number system. Students will take the TNReady Integrated Math II exam which counts 25% of the second semester grade.

*INTEGRATED MATH III WILL BE OFFERED IN THE 2018-2019 SCHOOL YEAR

INTEGRATED MATH II LAB

Credit: 1

Integrated Math II Lab is a class in which students use computers, manipulatives, hands-on activities and small groups to assist them in mastering Integrated Math II skills. Teachers use creative and innovative methods of instruction to develop and enhance prerequisite skills needed to be successful within the regular classroom. Students are placed in standard Integrated Math II and also in the lab concurrently. Students are placed in this class based upon results from multiple forms of assessment.

HONORS INTEGRATED MATH II

Credit: 1

Integrated Math II is the second in a series of three integrated math courses. This course builds upon concepts taught in Integrated Math I with an emphasis on quadratic and polynomial expressions, equations, and functions. This course also focuses on geometric topics of transformations, proofs, similarity, congruence, trigonometry, circles, and three-dimensional figures. Students extend previous knowledge of exponential properties to rational exponents. This course also introduces probability of compound events and the complex number system. The pace and depth of the honors course will substantially exceed that of the Integrated Math II course. Students will take the TNReady Integrated Math II exam which counts 25% of the second semester grade.

*HONORS INTEGRATED MATH III WILL BE OFFERED IN THE 2018-2019 SCHOOL YEAR

BCA HONORS INTEGRATED MATH II

Credit: 1

Prerequisite: Integrated Math I and must be a member of the Blackman Collegiate Academy

Integrated Math II is the second in a series of three integrated math courses. This course builds upon concepts taught in Integrated Math I with an emphasis on quadratic and polynomial expressions, equations, and functions. This course also focuses on geometric topics of transformations, proofs, similarity, congruence, trigonometry, circles, and three-dimensional figures. Students extend previous knowledge of exponential properties to rational exponents. This course also introduces probability of compound events and the complex number system. The pace and depth of the honors course will substantially exceed that of the Integrated

Math II course. The sophomore cohort classes in the academy will work together to complete the math portion of their BCA research project. Summer work is required. Students will take the TNReady Integrated Math II exam which counts 25% of the second semester grade.
***HONORS INTEGRATED MATH III WILL BE OFFERED IN THE 2018-2019 SCHOOL YEAR**

GEOMETRY

Credit: 1

Prerequisite: Algebra I or Algebra II

This course includes coordinate geometry, transformations, the concepts of points, lines, planes, angles, perpendicular and parallel lines, logical reasoning, triangles, polygons, polyhedral, circles, cones, cylinders, and spheres. The student is asked to investigate and draw conclusions based on the investigations. Teaching strategies include technology, hands-on, and applications. The student will take the TN Ready Assessment at the end of the course.

HONORS GEOMETRY

Credit: 1

Prerequisite: Algebra I or Algebra II & teacher recommendation

This course includes the same concepts taught in geometry but with more depth and a faster pace. Some Algebra II, Trigonometry, and Pre-Calculus are included. The student will take the TN Ready Assessment at the end of the course.

BCA HONORS GEOMETRY

Credit: 1

Prerequisite: Honors Algebra I or Algebra II and teacher recommendation and a member of the Blackman Collegiate Academy

Summer work as stipulated by the high school is required for this course. A thorough understanding of Algebra I and Algebra II is required. More depth and a faster pace are expected at this level. The students are expected to be self-motivated and capable of working independently and in groups. The student can expect to be assigned problems with minimum guidance from the teacher. Students will be required to write formal proofs including proofs of geometric theorems. The student will take the TN Ready Assessment at the end of the course.

BRIDGE MATH

Credit: 1

Prerequisite: Algebra I

This course is designed to prepare students for college level mathematics. Included in the course of study are diagrammatic, verbal, symbolic, graphical and numerical mathematics. A new approach will be used to develop concepts, make connections and support concepts through applications with numbers, geometry, functions, and data. The Bridge Mathematics course is designed for students who have not scored an 18 or higher on the ACT by the beginning of the senior year.

BRIDGE MATH: SAILS

Credit: 1

Prerequisite: Algebra I

This course is designed to prepare students for college level mathematics. Included in the course of study are diagrammatic, verbal, symbolic, graphical and numerical mathematics. A new approach will be used to develop concepts, make connections and support concepts through applications with numbers, geometry, functions, and data. The Bridge Mathematics course is designed for students who have not scored an 18 or higher on the ACT by the beginning of the senior year. This course may take the place of one remedial math course in College.

APPLIED MATHEMATICAL CONCEPTS

Credit: 1

Prerequisite: Algebra II

Applied Mathematical Concepts is fourth year mathematics course. Applications and modeling using mathematics are the primary focus of this course. Mathematical clusters include; financial mathematics, linear programming, logic and Boolean algebra, problem solving, investigative logic, interpreting data, combinatorics, normal probability distributions, as well as confidence intervals.

HONORS PRE-CALCULUS

Credit: 1

Prerequisite: Honors Geometry & Honors Algebra II

The topics in this course are trigonometry, conics, statistics, and understanding of all functions, exponential functions, and logarithmic functions, sequences and series, matrices, and limits. When this course is completed, the student is able to go into Calculus.

ADVANCED HONORS PRE-CALCULUS

Credit: 1

Prerequisite: Advanced Honors Geometry & Advanced Honors Algebra II

Summer work as stipulated by the high schools is required for this course. The topics in this course are the same as Honors Pre-Calculus except they are taught at a faster pace and with more depth. A student may expect to cover several calculus topics before the end of the year.

ADVANCED PLACEMENT CALCULUS AB

Credit: 1

Prerequisite: Advanced Honors Pre-Cal or Honors Pre-Cal with Teacher Recommendation

The topics outlined by the College Board are as follows: Functions, graphs, limits, derivatives, and integrals. Students must take the nationwide AP Exam administered by the College Board. Summer work is required.

ADVANCED PLACEMENT CALCULUS BC

Credit: 1

Prerequisite: Advanced Honors Pre-Calculus or Honors Pre-Calculus with Teacher Recommendation

The topical outline for Calculus BC includes all calculus AB topics. All topics are recommended

by the College Board. Students must take the AP Exam administered by the College Board. Summer work is required.

HONORS STATISTICS

Credit: 1

Prerequisite: Algebra I / Algebra II & Geometry

Through the investigation of meaningful problems students will represent, describe, explore and analyze data; perform statistical experiments including deciding what and how to measure; plan a study; anticipate patterns; produce models; use probability and simulation; confirm models, and explore statistical inference. This course may be offered as dual credit. Dual credit is taking a high school course with accompanying challenge exam created by Tennessee secondary and postsecondary faculty. Students who meet or exceed the established cut score set for the exam earn credits that may be applied to any public postsecondary institution in Tennessee.

ADVANCED PLACEMENT STATISTICS

Credit: 1

Prerequisite: Advanced Algebra & Trigonometry or Honors Pre-Calculus

The topics covered are the same as Honors Statistics except they are taught at a faster pace and with more depth. A student will be expected to master statistical inference, and the course will be supplemented with advanced problem sets and projects. Summer work is required. Students must take the AP Exam administered by the college board.

DUAL-ENROLLMENT MATH 1710-COLLEGE ALGEBRA

Credit: ½ (3 hours college credit)

Grade: 11-12

Prerequisite: 3.0 GPA and 22 ACT with a 19 subscore in Math (These are set by MTSU and could change at any time) and DSPM 0850 or two years of high school algebra; a Math Enhanced ACT 19 or greater or COMPASS placement.

Course satisfies the General Education Mathematics requirement. Topics include functions—linear, quadratic, exponential, and logarithmic; analysis of graphs; linear systems; inequalities; counting principles; and probability. Graphing calculator required.

DUAL-ENROLLMENT APPLIED STATISTICS

Credit: ½ (3 hours college credit)

Grade: 11-12

Prerequisite: 3.0 GPA and 22 ACT with a 19 subscore in Math (These are set by MTSU and could change at any time) and two years of high school algebra and a Math Enhanced ACT 19 or greater or equivalent.

Descriptive statistics, probability, and statistical inference. The inference unit covers means, proportions, and variances for one and two samples, and topics from one-way ANOVA, regression and correlation analysis, chi-square analysis, and nonparametrics.

COURSE DESCRIPTIONS: SCIENCE

THE SCIENCE REQUIREMENTS ARE AS
FOLLOWS:

3 CREDITS – BIOLOGY, CHEMISTRY OR
PHYSICS, & ANOTHER LAB SCIENCE.

BIOLOGY

Credit: 1

Grade: 9

This college preparatory course is designed to study the fundamentals of living things, both plant and animal, and how they are related to each other. This course challenges the student with enhanced laboratory activities. The student will take the TN Ready Assessment at the end of the course.

HONORS BIOLOGY

Credit: 1

Grade: 9

This course is for the accelerated student looking to take advanced level sciences in the future. Summer work as stipulated by the high school is required for this course. More depth and a faster pace are expected at this level. The students are expected to be self-motivated and capable of working independently and in groups. The student can expect to be assigned problems with minimum guidance from the teacher. This course includes all that is in Biology I, but it has a greater depth and is taught at a faster pace. The student will take the TN Ready Assessment at the end of the course.

BCA HONORS (PRE-AP) BIOLOGY

Credit: 1

Grade: 9

Prerequisite: Must be a member of the Blackman Collegiate Academy

This course is for freshmen students entering the Blackman Collegiate Academy who represent accelerated student looking to take advanced level sciences in the future. Summer work is required for this course (will be available on BHS Website in the spring). Students in this course are expected to be self-motivated and capable of working independently and in groups while going into more depth and a faster pace. This course includes all that is in Biology I, but also includes multiple opportunities for laboratory experiences including guided independent investigations and research. The student will take the TN Ready Assessment at the end of the course.

PHYSICAL SCIENCE

Credit: 1

Grade: 10

Physical Science is a course that explores the relationship between matter and energy. Students investigate force and motion, the structure

and properties of matter, the interactions of matter, and energy. Students will be expected to experience the content of Physical Science through inquiry learning. Conservation of matter and energy is an underlying theme throughout the course.

PRINCIPLES OF TECHNOLOGY I

Credit: 1

Grade: 10-11

Principles of Technology is a course in applied physics that provides instruction in the fundamental principles of mechanical, fluid, electrical, and thermal systems by integrating academic concepts with technical laboratory experiences. Students develop confidence in their ability to understand and apply mathematical and scientific concepts through problem solving situations in laboratories that simulate experiences in the field of work.

PRINCIPLES OF TECHNOLOGY II

Credit: 1

Grade: 10-12

Prerequisite: Principles of Technology I

Principles of Technology II is an advanced course in applied physics and related topics that uses the skills and technology needed to meet the demands of our twenty-first century society. Students must be able to work with their hands and minds to solve more complex challenges. This course satisfies a science credit for students pursuing the college path.

PHYSICS

Credit: 1

Grade: 10-12

Prerequisite: Algebra I, Algebra II, Biology

Physics is the study of energy. There are five areas of study: mechanics (study of motion), heat, sound, light, and electricity. This college preparatory course is laboratory based and includes required projects and activities.

ADVANCED PLACEMENT PHYSICS I

Credit: 1

Prerequisite: Students should have completed geometry and be concurrently taking Algebra II or an equivalent course. No prior work in physics is necessary.

Grade: 10-12

AP Physics I is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Summer work is required. Students must take the AP Exam administered by the college board.

ADVANCED PLACEMENT PHYSICS II

Credit: 1

Prerequisite: AP Physics I and either have taken or be currently enrolled in a Calculus course. Please note that this is a very specialized class at a very high level.

Grade: 11-12

AP Physics 2 is an algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Summer work is required. Students must take the AP Exam administered by the college board.

ADVANCED PLACEMENT PHYSICS C

Credit: 1

Grade: 11-12

Prerequisite: AP Physics I or II (meaning at least one previous physics course). It is recommended that Calculus has been taken prior to enrolling; however, Calculus can be a co-requisite. In sum, students need to have completed either calculus or physics prior to enrolling in the course. Please note that this is a very specialized class at a very high level.

Grades: 11-12

AP Physics C: Mechanics is a calculus-based physics course that includes topics such as kinematics, dynamics, energy, momentum, rotation, gravitation, and oscillation. This course is the first of a two-course sequence that is equivalent to the introductory physics sequence taken by science and engineering students at most colleges and universities. Summer work is required.

AP Physics C: Electricity and Magnetism builds on the previous coursework with the addition of forces exerted on charged particles, electric and magnetic fields, electric circuits and their components, and the nature of electromagnetic radiation. This course is equivalent to the second semester of the introductory physics sequence typically offered at colleges and universities for science and engineering majors. Summer work is required.

*These two courses are taught as semester courses at BHS with each course comprising one semester. At the end of the year students must take TWO exams to earn credit for the two college semesters. Each exam is 1½ hours in length and is paid for separately.

CHEMISTRY

Credit: 1

Grade: 10-12

Prerequisite: Physical Science or Biology & Algebra
This is a laboratory science course in which students investigate the composition of matter and the physical and chemical changes it

undergoes. Students use science process skills to study the fundamental structure of atoms, the way atoms combine to form compounds, and the interactions between matter and energy. Students explore chemistry concepts through an inquiry-based approach. Embedded standards for Inquiry, Mathematics, and Technology & Engineering are taught in the context of the content standards for Atomic Structure, Matter and Energy, and Interactions of Matter. The student will take the TN Ready Assessment at the end of the course.

HONORS CHEMISTRY

Credit: 1

Grade: 10-12

Prerequisite: Physical Science or Biology & Algebra

This laboratory course is an intense college preparatory course that explores the properties of substances and the changes the substances undergo. Students will investigate atomic structure, matter and energy, interactions of matter, and the properties of solutions and acids and the bases. Students will be expected to apply research and algebraic skills in a technology and laboratory rich environment. The student will take the TN Ready Assessment at the end of the course.

BCA HONORS (PRE-AP) CHEMISTRY

Credit: 1

Grade: 10-12

Prerequisite: A's and B's in previous math and science course and advanced or proficient on the TN Ready.

Must be a Blackman Collegiate Academy member.

Advanced Honors Chemistry I includes the same areas of study and expectations as Honors Chemistry I. This course is designed for those students who intend to graduate with at least four credits in science. Students will be exposed to greater challenges and depth of study than Honors Chemistry I. The student will take the TN Ready Assessment at the end of the course.

ADVANCED PLACEMENT CHEMISTRY

Credit: 1

Grade: 10-12

Prerequisite: Honors Chemistry I; Algebra II

This course makes extensive application of higher mathematics in an in-depth study of reaction production, electro-chemistry, intermolecular attractions and kinetics, dynamic equilibrium, thermodynamics, and select element preparations. This course requires the student to perfect lab techniques and observational skills. In addition, the correct recording of data and calculations is stressed. Students are required to take the nationwide Advanced Placement Examination test administered by the College Board. Summer work is required.

HONORS ANATOMY & PHYSIOLOGY

Credit: 1

Grade: 10-12

Prerequisite: Biology I

Human Anatomy and Physiology is a laboratory science course that includes an in-depth study

of the body systems that maintain homeostasis for anatomical, physiological, and histological perspectives. Students explore anatomical and physiological concepts through an inquiry-based approach. Embedded standards for Inquiry and Technology & Engineering are taught in the context of the content standards for Anatomical Orientation, Protection, Support, and Movement, Integration and Regulation, Transportation, Absorption and Excretion, and Reproduction, Growth, and Development.

HONORS ECOLOGY

Credit: ½

Grade: 10-12

Prerequisite: Biology I

Ecology is a laboratory science course that enables students to develop an understanding of the natural and man-made environment and the environmental problems the world faces. Students explore ecological concepts through an inquiry approach. Embedded standards for Inquiry and Technology & Engineering are taught in the context of the content standards for Individuals, Populations, Communities, Ecosystems, Biomes, Humans and Sustainability.

HONORS EARTH SCIENCE

Credit: ½

Grade: 10-12

Prerequisite: Biology I

Earth Science is a laboratory science course that explores origin and the connections between the physical, chemical, and biological processes of the earth system. Students experience the content of Earth Science through Inquiry-based laboratory Investigations and focus on topics associated with matter, energy, crystal dynamics, cosmic evolution, and structure, cycles, geochemical processes, and the expanded time scales needed to understand events in the earth system. Earth science provides the knowledge, skills, and habits of mind needed for problem solving and ethical decision making about scientific and technological issues. Embedded standards for Inquiry and Technology & Engineering are taught in the context of the content standards for the Universe, Energy in the Earth System, Cycles in the Earth System, and Geological History.

ADVANCED PLACEMENT BIOLOGY

Credit: 1

Grade: 11-12

Prerequisite: Biology I; Honors Chemistry I recommended

Advanced Placement Biology is a college-level course for highly motivated students with a high aptitude for science. The course allows the student to investigate specialty areas of biology. The College Board AP program provides the curriculum and course description. Studies will include molecules and cells, heredity and evolution, and organism and populations. Students will be required to take the Advanced Placement Examination at the conclusion of the course. Summer work is required.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

Credit: 1

Grade: 11-12

Prerequisite: *Biology I; Chemistry I*

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Students will be required to take the Advanced Placement Examination at the conclusion of the course. Summer work is required.

COURSE DESCRIPTIONS: SOCIAL STUDIES

SAMPLE SOCIAL STUDIES SEQUENCE:

WORLD HISTORY & GEOGRAPHY

*AP HUMAN GEOGRAPHY SOCIAL STUDIES ELECTIVE

*AP EUROPEAN HISTORY UNITED STATES HISTORY

*AP US HISTORY GOVERNMENT, ECONOMICS, & PERSONAL FINANCE

*AP COMPARATIVE GOVERNMENT, AP MACRO/MICRO ECONOMICS, HONORS PERSONAL FINANCE, & AP WORLD HISTORY

*POSSIBLE AP COURSES THAT SUBSTITUTE

WORLD HISTORY & GEOGRAPHY: INDUSTRIAL REVOLUTION TO THE CONTEMPORARY WORLD

Credit: 1

Grade: 9

In this college preparatory class students will study the rise of the nation state in Europe, the French Revolution, and the economic and political roots of the modern world. They will examine the origins and consequences of the Industrial Revolution, nineteenth century political reform in Western Europe, and imperialism in Africa, Asia, and South America. They will explain the causes and consequences of the great military and economic events of the past century, including the World Wars, the Great Depression, the Cold War, and the Russian and Chinese Revolutions. Finally, students will study the rise of nationalism and the continuing persistence of political,

ethnic, and religious conflict in many parts of the world. Relevant Tennessee connections will be part of the curriculum, as well as appropriate primary source documents. Students will explore geographic influences on history, with attention given to political boundaries that developed with the evolution of nations from 1750 to the present and the subsequent human geographic issues that dominate the global community. Additionally, students will study aspects of technical geography such as GPS and GIS, and how these innovations continuously impact geopolitics in the contemporary world. The student will take the TN Ready Assessment at the end of the course.

HONORS WORLD HISTORY & GEOGRAPHY: INDUSTRIAL REVOLUTION TO THE CONTEMPORARY WORLD

Credit: 1

Grade: 9

The accelerated student will use analysis, writing, research, document study, role playing, and projects to further in-depth study of the periods listed above. The student will take the TN Ready Assessment at the end of the course.

BCA HONORS WORLD HISTORY & GEOGRAPHY: INDUSTRIAL REVOLUTION TO THE CONTEMPORARY WORLD

Credit: 1

Grade: 9

Prerequisite: *Must be a member of the Blackman Collegiate Academy*

The collegiate academy student will use extensive document based analysis and writing, research of multi-disciplinary topics that will result in an end of year project and presentation, role playing in various mock trials, class presentations on historical topics and time periods, individual and group projects throughout the year that lead to further in depth study of the historical time periods listed above. The student will take the TN Ready Assessment at the end of the course.

ADVANCED PLACEMENT HUMAN GEOGRAPHY

Credit: 1

Grade: 9

This course is designed for the accelerated student who wishes to place greater emphasis upon investigative research, writing, and documentary study. Students must take the nationwide Advanced Placement Examination by the College Board. Summer work is required.

BCA ADVANCED PLACEMENT HUMAN GEOGRAPHY

Credit: 1

Grade: 9

Prerequisite: *Must be a member of the Blackman Collegiate Academy*

This course is designed for the accelerated student who wishes to place greater emphasis upon investigative research, writing, and documentary study. This course will require

additional research projects. Students must take the nationwide Advanced Placement Examination by the College Board. Summer work is required.

UNITED STATES HISTORY & GEOGRAPHY: POST-RECONSTRUCTION TO PRESENT

Credit: 1

Grade: 11

Students will examine the causes and consequences of the Industrial Revolution and America's growing role in world diplomatic relations, including the Spanish-American War and World War I. Students will study the goals and accomplishments of the Progressive movement and the New Deal. Students will also learn about the various factors that led to America's entry into World War II, as well as its consequences for American life. Students will explore the causes and course of the Cold War. Students will study the important social, cultural, economic, and political changes resulting from the Civil Rights Movement, the Cold War, and recent events and trends that have shaped modern-day America. Additionally, students will learn the causes and consequences of contemporary issues impacting their world today. Students will continue to use skills for historical and geographical analysis as they examine American history since Reconstruction with special attention to Tennessee connections in history, geography, politics, and people. Students will continue to learn fundamental concepts in civics, economics, and geography within the context of United States history. The reading of primary source documents is a key feature of United States history standards. Finally, students will focus on current human and physical geographic issues important in contemporary America and the global society. The student will take the TN Ready Assessment at the end of the course.

HONORS UNITED STATES HISTORY & GEOGRAPHY: POST RECONSTRUCTION TO PRESENT

Credit: 1

Grade: 11

Honors United States History and Geography is a yearlong survey course designed for the accelerated student that is comprised of the study of American history, beginning with Reconstruction and ending with the present day. U.S. History and Geography is designed to inform students about who they are as American citizens and how historical events have shaped the current world in which we live. The course will focus on the following topics: Reconstruction, Industrialization, Gilded Age Politics, Progressive Era, Imperialism, WWI, Roaring Twenties, Great Depression, New Deal, WW2, the Cold War, Civil Rights Movement, Vietnam, and examine the details of modern America.

BCA HONORS UNITED STATES HISTORY & GEOGRAPHY: POST RECONSTRUCTION TO PRESENT

Credit: 1

Grade: 11

Prerequisite: Must be a member of the Blackman Collegiate Academy

Blackman Collegiate Academy offers a yearlong survey course designed for the accelerated student that is comprised of the study of American history, beginning with Reconstruction and ending with the present day. U.S. History and Geography is designed to inform students about who they are as American citizens and how historical events have shaped the current world in which we live. The course will focus on the following topics: Reconstruction, Industrialization, Gilded Age Politics, Progressive Era, Imperialism, WWI, Roaring Twenties, Great Depression, New Deal, WW2, the Cold War, Civil Rights Movement, Vietnam, and examine the details of modern America.

ADVANCED PLACEMENT UNITED STATES HISTORY

Credit: 1

Grade: 11

Prerequisite: Teacher recommendation

This is an entry level college survey course that is designed to provide high school advanced students with analytical skills necessary to develop higher level thinking and reasoning. A college level text and other college level readings will be used also. These skills are applied to all themes of the US experience and their interactions inside and outside of the US. Analysis, writing, reading, role playing, debates and other methods will be used to reach these goals. The student must take the AP Exam given by the College Board in May. Summer work is required.

BCA ADVANCED PLACEMENT UNITED STATES HISTORY

Credit: 1

Grade: 11

Prerequisite: Teacher recommendation and must be a member of the Blackman Collegiate Academy

The AP U.S. History course focuses on developing students' understanding of American history from approximately 1491 to the present. The course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore

throughout the course in order to make connections among historical developments in different times and places. The student must take the AP Exam given by the College Board in May. Summer work is required.

DUAL ENROLLMENT HIST 2010- SURVEY OF UNITED STATES HISTORY I

Credit: ½ (3 Hours College Credit)

Grade: 11-12

Prerequisite: 3.0 GPA and 22 ACT with a 19 subscore in Reading and 18 subscore in English (These are set by MTSU and could change at any time)

Survey of the political, economic, social, cultural, and diplomatic phases of American life in its regional, national, and international aspects. HIST 2010 discusses the era from the beginning to 1877. HIST 2020 discusses the era from 1877 to the present. These courses are prerequisite for all advanced courses in American history and satisfy the General Education History requirement.

DUAL ENROLLMENT HIST 2020- SURVEY OF UNITED STATES HISTORY II

Credit: ½ (3 hours college credit)

Grade: 11-12

Prerequisite: 3.0 GPA and 22 ACT with a 19 subscore in Reading and 18 subscore in English (These are set by MTSU and could change at any time)

Survey of the political, economic, social, cultural, and diplomatic phases of American life in its regional, national, and international aspects. HIST 2010 discusses the era from the beginning to 1877. HIST 2020 discusses the era from 1877 to the present. These courses are prerequisite for all advanced courses in American history and satisfy the General Education History requirement.

BCA DUAL ENROLLMENT HIST 2010- SURVEY OF UNITED STATES HISTORY I

Credit: ½ (3 hours college credit)

Grade: 11-12

Prerequisite: 3.0 GPA and 22 ACT with a 19 subscore in Reading and 18 subscore in English (These are set by MTSU and could change at any time). Member of Blackman Collegiate Academy.

This course is a survey of the social, political, economic, cultural and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. United States History 2010 includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History 2010 include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government.

BCA DUAL ENROLLMENT HIST 2020- SURVEY OF UNITED STATES HISTORY II

Credit: ½ (3 hours college credit)

Grade: 11-12

Prerequisite: 3.0 GPA and 22 ACT with a 19 subscore in Reading and 18 subscore in English (These are set by MTSU and could change at any time). Member of Blackman Collegiate Academy.

A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History 2020 examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History 2020 include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.

UNITED STATES GOVERNMENT & CIVICS

Credit: ½

Grade: 12

Students will study the purposes, principles, and practices of American government as established by the Constitution. Students are expected to understand their rights and responsibilities as citizens and how to exercise these rights and responsibilities in local, state, and national government. Students will learn the structure and processes of the government of the state of Tennessee and various local governments. The reading of primary source documents is a key feature of United States Government and Civics standards.

HONORS UNITED STATES GOVERNMENT & CIVICS

Credit: ½

Grade: 12

The government high school course is for the accelerated student for a more in depth study that focuses on the above listed topics.

ADVANCED PLACEMENT US GOVERNMENT & POLITICS

Credit: ½

Grade: 12

Prerequisite: Teacher Recommendation

This is an entry level college survey course that is designed to provide high school advanced students with analytical skills necessary to develop higher level thinking and reasoning. A college level text and other college level readings will be used also. These skills are applied to all themes of the US experience and their interactions inside and outside of the US. Analysis, writing, reading, role playing, debates and other methods will be used to reach these goals. The student must take the AP Exam given by the College Board in May. Summer work is required.

ADVANCED PLACEMENT COMPARATIVE GOVERNMENT

Credit: ½

Grade: 12

Prerequisite: Teacher Recommendation

This course introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. Comparison assists both in identifying problems and in analyzing policymaking. Summer work is required. The student must take the AP Exam given by the College Board in May.

ECONOMICS

Credit: ½

Grade: 12

This course is designed to help students understand how people, businesses and governments use available capital (money) and other economic resources. The following topics will be discussed: consumerism, supply and demand, bull and bear markets, economic regulations, financial structures, unemployment and inflation, recession and depression, fiscal policies and the impact of a global economy.

HONORS ECONOMICS

Credit: ½

Grade: 12

This course is designed for the accelerated student and will be a more in-depth study of the topics addressed in economics.

ADVANCED PLACEMENT MICROECONOMICS

Credit: ½

Grade: 12

Prerequisite: None

AP Microeconomics promotes understanding of economic decision-making and its factors, such as marginal analysis and opportunity costs. This course teaches how to generate, interpret, label, and analyze graphs, charts, and data to describe and explain economic concepts. The purpose of this course is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers (both consumers and producers) within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. Summer work is required. The student must take the AP Exam given by the College Board in May.

ADVANCED PLACEMENT MACROECONOMICS

Credit: ½

Grade: 12

Prerequisite: None

AP Macroeconomics promotes the understanding of aggregate economic activity; the utilization of resources within and across countries; and the critical evaluation of determinants of economic progress and economic decisions made by policymakers. This course teaches how to generate, interpret, label, and analyze graphs, charts, and data to describe and explain economic concepts. Summer work is required. The student must take the AP Exam given by the College Board in May.

PERSONAL FINANCE

Credit: ½

Grade: 10-12

Prerequisite: None

Personal Finance is a foundational course designed to inform students how individual choices directly influence occupational goals, future earning potential, and long term financial well-being. The standards in this course cover decision-making skills related to goal setting, earning potential, budgeting, saving, borrowing, managing risk, and investing. The course helps students meet the growing complexities of personal financial management and consumer decision making.

HONORS PERSONAL FINANCE

Credit: ½

Grade: 10 -12

Prerequisite: None

This course is for the accelerated student who thinks critically, reads, and analyzes research. Personal Finance is a foundational course designed to inform students how individual choices directly influence occupational goals, future earning potential, and long term financial well-being. The standards in this course cover decision-making skills related to goal setting, earning potential, budgeting, saving, borrowing, managing risk, and investing. The course helps students meet the growing complexities of personal financial management and consumer decision making. Tennessee.

PSYCHOLOGY

Credit: ½

Grade: 9 -12

Prerequisite: None

Students will study the development of personality and other traits as it relates to the individual and society. All aspects of social studies will be integrated to study this science of human behavior and actions.

ADVANCED PLACEMENT PSYCHOLOGY

Credit: 1

Grade: 10-12

Prerequisite: None

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomenon associated with each of the major subfields within psychology. Summer work is required. The student will must the AP Exam given by the College Board in May.

DUAL ENROLLMENT PSYCHOLOGY

Credit: 1/2 (3 hours college credit)

Grade: 11-12

Prerequisite: 3.0 GPA and 22 ACT with a 19 subscore in Reading (These are set by MTSU and could change at any time)

PSY 1410 is an introductory survey course. Includes biological foundations, perception, principles of learning, intelligence, motivation, emotion, human development, personality, social psychology, behavior disorders, and psychotherapy.

SOCIOLOGY

Credit: 1/2

Grade: 9-12

Prerequisite: None

Students will study the dynamics and models of group and individual relationships to the society as a whole. Subjects such as crime and delinquency, marriage and the family, and other aspects of our culture will be explored.

DUAL ENROLLMENT SOCIOLOGY

Credit: 1/2 (3 hours college credit)

Grade: 11-12

Prerequisite: 3.0 GPA and 22 ACT with a 19 subscore in Reading (These are set by MTSU and could change at any time)

SOC 1010 is a lower division course designed to introduce students to sociology, the scientific study of social organization and behavior. You will learn about sociology's approach and the methods and procedures used by sociologists to study social phenomena. Through lectures, readings, discussions, quizzes and written discipline. You will be encouraged to think sociologically and see the social world from a critical and scientific perspective.

BIBLE

Credit: 1

Prerequisite: None

Grade: 9-12

The purpose of this course is to enable students to acquire an understanding and appreciation of the Bible's major ideas, this historical/geographical contexts, and literary forms. The course will include the study of the Bible and its historical, sociological, and cultural contexts, and its impact on later cultures, societies, and religions.

AFRICAN AMERICAN HISTORY

Credit: 1/2

Grade: 10-12

Prerequisite: None

Students will examine the life and contributions of African Americans from the early 1600's through modern America. Students will explore the influence of geography on slavery and the growth of slavery on the American continent. Students will consider urban and rural African American communities and institutions in the North and South leading up to and during the Civil War. Students will investigate the rise and effects of Jim Crow and trace the impact of African American migration through the early twentieth century. Students will explore the impact of the Harlem Renaissance and the conditions and contributions of African Americans during the Great Depression and World War II. Students will examine the successes and failures of the Civil Rights Movement and consider the contemporary issues confronting African Americans.

CONTEMPORARY ISSUES

Credit: 1/2

Grade: 10-12

Prerequisite: None

Students will use inquiry skills to examine the issues that impact the contemporary world. Included in the course will be analysis of the historical, cultural, economic, and geographic factors that have raised certain issues to levels of concern in our nation and around the globe. Students will engage in research and problem solving in order to better understand and assess significant current issues.

HONORS CRITICAL THINKING & REASONING

Credit: 1/2

Prerequisite: A member of the Blackman Collegiate Academy

Grade: 11-12

Critical thinking is a course which will serve as a requirement for the Blackman Collegiate Academy. Students will survey great critical thinkers of different eras. They will study and practice critical thinking strategies and learn to spot fallacies in thinking.

ADVANCED PLACEMENT EUROPEAN HISTORY

Credit: 1

Grade: 10-12

Prerequisite: Teacher recommendation

This is an entry level college survey course that is designed to provide high school advanced students with analytical skills necessary to develop higher level thinking and reasoning. A college level text and other college level readings will be used also. These skills are applied to all themes of the European experience and their

interactions in an outside of the continent. Analysis, writing, reading, role playing, debates and other methods will be used to reach these goals. The student must take the AP Exam given by the College Board in May. Summer work is required.

ADVANCED PLACEMENT WORLD HISTORY

Credit: 1

Grade: 11-12

Prerequisite: None

This course is designed for the accelerated student who wishes to place greater emphasis upon historical analysis, writing, research, and documentary study. Students must take the nationwide Advanced Placement Examination administered by the College Board. Summer work is required.

COURSE DESCRIPTIONS: WORLD LANGUAGES

***STUDENTS STARTING WORLD LANGUAGE IN 9TH GRADE ARE REQUIRED TO START AT THE HONORS LEVEL. STUDENTS STARTING WORLD LANGUAGE IN THE 10TH GRADE MAY TAKE STANDARD**

FRENCH I

Credit: 1

Prerequisite: None

Students will learn the basics of speaking and understanding French so they can communicate with French speakers and fellow students in areas such as home and family, the school day, food and cooking, travel situation, and personal interests. They will also study the many connections between French-speaking cultures and our American heritage.

HONORS FRENCH I

Credit: 1

Recommendation: Students must have maintained at least an 85 average for each semester of English I or an A in 8th Grade ELA.

This course is designed for the accelerated student. The course provides a foundation for knowledge of basic concepts in the French language with focus on speaking, reading, writing, listening, and culture.

FRENCH II

Credit: 1

Prerequisite: French I

Students will expand their communication skills to express themselves in areas of travel, food preparation, technology, medical services, and events of the past and the future. Cultural topics are covered in more detail, and students will begin to study the impact of events in French history on the rest of the world and the contributions of famous French-speaking people.

HONORS FRENCH II

Credit: 1

Recommendation: Students must have maintained at least an 85 average for each semester of French I.

This course is designed for the accelerated student and is taught at a faster pace. Emphasis is placed on advanced speaking, reading, writing, listening, and culture.

HONORS FRENCH III

Credit: 1

Prerequisite: French II

Students will study the fine points of French grammar and structure and continue to grow in their ability to create and express themselves in French. Current events will be a regular topic of class discussions. Cultural topics and projects will focus on French history and literature and the influence of both on the rest of the world.

HONORS FRENCH IV

Credit: 1

Prerequisite: French III

Students will continue to strengthen their communication skills and will explore cultural, literary, and current world topics more in-depth in order to prepare for continued study in college. Students will choose topics to research and develop independently.

LATIN I

Credit: 1

Prerequisite: None

Students will learn the basic rules of Latin grammar and begin building the foundations of a solid Latin vocabulary. Roman history and culture will be learned through projects and translations based on the adventures of a Julio-Claudian family. The influences of Latin on present-day culture, language, and academics will also be explored.

HONORS LATIN I

Credit: 1

Recommendation: Students must have maintained at least an 85 average for each semester of English I or an A in 8th Grade ELA.

Advanced Honors Latin I is designed for the accelerated student. Students are introduced to the classical world through the study of Latin vocabulary, grammar, and translation, as well as Roman history, culture, and mythology. Students in this course will benefit from an increased understanding of English composition and derivatives.

LATIN II

Credit: 1

Prerequisite: Latin I

Students will continue following the adventures of a Julio-Claudian family to a deeper understanding of grammar and Roman civilization. Latin vocabulary and the English vocabulary derived from it will be particularly stressed this year.

HONORS LATIN II

Credit: 1

Recommendation: Students must have maintained at least an 85 average for each semester of Latin I.

Advanced Honors Latin II enhances the skills learned in Latin I. A more in-depth study of Roman culture, mythology, and history is emphasized. Students will also translate Latin literature.

HONORS LATIN III

Credit: 1

Prerequisite: Latin II

Students will finalize their study of grammar and vocabulary this year. English vocabulary is stressed. The culture studied will focus almost exclusively on Rome itself. The latter half of the year will be spent sampling some of the more famous Roman authors. Projects this year focus primarily on mythology.

HONORS LATIN IV

Credit: 1

Prerequisite: Latin III

Students will be working mainly with select passages from Virgil's Aeneid as well as small portions of Ovid, Horace, Catullus, and Julius Caesar. Experiencing the great Roman authors in their original language is the main focus of this course.

SPANISH I

Credit: 1

Prerequisite: None

Students will learn the basics of pronunciation and communication based on topics of everyday life such as school life, family and friends, foods, sports, shopping and travel needs, and after-school activities. The cultures and traditions of Mexico and the countries of Central America will be the main focus.

HONORS SPANISH I

Credit: 1

Recommendation: Students must have maintained at least an 85 average for each semester of English I or an A in 8th Grade ELA.

Advanced Honors Spanish I is designed for the accelerated student. Spanish I is an introduction to the speaking, listening, reading, writing, and understanding of the language and culture.

SPANISH II

Credit: 1

Prerequisite: Spanish I

Students will build on their Spanish I foundation and study vocabulary in order to communicate about clothing, shopping, medical attention, travel, and events of the past. Students will be challenged to use their Spanish skills to converse with fellow Spanish speakers. Projects and cultural explorations will focus on Spain and the countries of South America.

HONORS SPANISH II

Credit: 1

Recommendation: Students must have maintained at least an 85 average for each semester of Spanish I.

This course is designed for the accelerated student and is taught at a faster pace. Spanish II expands the speaking, listening, reading, writing, and understanding of the language and culture.

HONORS SPANISH III

Credit: 1

Prerequisite: Spanish II

This course is focused on fine-tuning the skills gained in Spanish II, while putting them into a real-world context. This is done through examining websites, news articles, poems and short stories from the culture. Students get to hone their speaking and writing skills as they role-play real-life situations and cultural dialogues.

HONORS SPANISH IV

Credit: 1

Prerequisite: Spanish III

This class offers a unique opportunity for the self-motivated learner, providing more extensive practice with the language. Emphasis is on developing listening, reading, and speaking skills to a more professional level. Students research job opportunities and practice the language skills needed for those jobs.

DUAL ENROLLMENT SPANISH

Credit: 1/2 (3 hours college credit)

Grade: 11-12

Prerequisite: 3.0 GPA and 22 ACT with a 19 subscore in Reading (These are set by MTSU and could change at any time)

A foundation course in reading, writing, speaking Spanish with an emphasis on conversation. This course will be administered on-line and monitored by a Spanish teacher at BHS.

COURSE DESCRIPTIONS: SPECIAL COURSES

HONORS CRITICAL THINKING AND REASONING

Credit: 1/2

Prerequisite: A member of the Blackman Collegiate Academy

Grade: 11-12

Critical thinking is a course which will serve as a requirement for the Blackman Collegiate Academy. Students will survey great critical thinkers of different eras. They will study and practice critical thinking strategies and learn to spot fallacies in thinking.

HONORS SENIOR CAPSTONE

Credit: 1/2

Prerequisite: A senior member of the Blackman Collegiate Academy

Grade: 12

The capstone course is a requirement by all first

semester seniors. The instructor will facilitate a time-line and deadline for individual research based on student's major area of study. As part of this class students will be required to present their research in a public forum.

MYTHOLOGY

Credit: ½

Prerequisite: None

Grade: 11-12

Mythology allows students to compare mythologies across cultures. Students study archetypes to set a foundation for comparison and then study and analyze the Egyptian, Mesopotamian, Greek/Roman, Norse, Arthurian, Mayan, African, Indian, Asian, Russian, and Native American pantheons as well as central myths associated with each pantheon. A source material independent reading and reading log are required each semester. Homework also includes the independent research necessary for a Mythology in Our World Collection. This course will provide an understanding of global connections and allusions made to myths in literature, art, music, psychology, and pop culture.

COMEDIES & HISTORIES OF SHAKESPEARE

Credit: ½

Prerequisite: Teacher Recommendation

Grade: 11-12

Mythology allows students to compare mythologies across cultures. Students study archetypes to set a foundation for comparison and then study and analyze the Egyptian, Mesopotamian, Greek/Roman, Norse, Arthurian, Mayan, African, Indian, Asian, Russian, and Native American pantheons as well as central myths associated with each pantheon. A source material independent reading and reading log are required each semester. Homework also includes the independent research necessary for a Mythology in Our World Collection. This course will provide an understanding of global connections and allusions made to myths in literature, art, music, psychology, and pop culture.

HONORS SOUTHERN LITERATURE

Credit: ½

Prerequisite: 10th Grade must have a Teacher Recommendation

Grade: 10-12

Pending approval from the state the Southern Literature class will be a .5 credit course exploring pieces of literature from this genre written during the 19th and 20th Century. The class will analyze cultural, political, historical, and social factors that influenced Southern authors and the literature produced. The class will examine style, tone, diction, syntax, and common themes seen in this genre. The students will read literary works from a variety of diverse southern authors. Students will read Southern Literature both critically and analytically.

ACT PREP

Credit: ½

Prerequisite: Algebra I, Algebra II, Geometry, English III

Grade: 10-12

This one-semester course is designed to improve standardized test scores, specifically on the ACT college admission test. The focus is on all four major test areas: English, Reading, Math, and Science. This is a pass/fail course.

NATIONAL MERIT PREP

Credit: ½

Grade: 9-11

This course will provide preparation for a rigorous course work for preparation for the PSAT/NMSQT. Students will identify their areas of weakness and set realistic goals for improvement. This is a pass/fail course.

PEER TUTORING

Credit: ½ - 1

Prerequisite: GPA 3.0; Teacher Approval

Grade: 12

Students work with other students as peer helpers/tutors in the classroom, learning lab, or other assigned room. This is a pass/fail course.

TEACHER AIDE

Credit: ½ - 1

Prerequisite: GPA 3.0

Grade: 12

Students will be assigned to teacher to assist with classroom responsibilities. This is a pass/fail grade and does not count toward graduation requirements. This is a pass/fail course.

OFFICE AIDE

Credit: ½ - 1

Prerequisite: GPA 3.0

Grade: 12

Students will be assigned to assistant principals, the main office, the counseling office, or the attendance office to assist with office responsibilities. This is a pass/fail grade and does not count toward graduation requirements. This is a pass/fail course.

BLAZE AMBASSADORS

Credit: ½ - 1

Prerequisite: GPA 3.0; Application Process;

Counselor Approval

Grade: 12

Blaze Ambassadors serve as teacher aides for the Counseling Department and work to provide small groups of new 10th, 11th, and 12th grade students with an immediate connection to Blackman High School by offering tours, guidance, resources, advice, and support. Blaze Ambassadors host a pizza lunch with their small group once a semester to encourage school involvement and answer any questions new students may have. Blaze Ambassadors also participate in events hosted by the Counseling Department such as College Planning Night and Registration Night. This is a pass/fail course.

PATHWAYS



Blackman High School Pathways 2017-2018

3 credits minimum in 1 Pathway required for graduation

*denotes a semester course

AP

(3 above graduation requirements)

AP Biology
 AP Chemistry
 AP Physics I
 AP Physics II
 AP Physics C
 AP Environmental Science
 AP Human Geography
 AP European History
 AP World History
 AP US History
 AP Psychology
 AP World History
 AP US Government*
 AP Comparative Government*
 AP Macroeconomics*
 AP Microeconomics*
 AP Studio Art 2D
 AP Art History
 AP Statistics
 AP Calculus AB
 AP Calculus BC
 AP English Language
 AP English Literature

A/V Production

A/V Production I
 A/V Production II (2 credits)
 H A/V Production III (2 credits)
 Applied Arts Practicum

Banking and Finance

Intro to Business & Mkt.*
 Computer Applications*
 Accounting I
 Banking and Finance
 Accounting II
 Bus. & Ent. Prac.: Banking
 Work-Based Learning

Business Management

Intro to Business & Mkt.*
 Computer Applications*
 Accounting I
 Business Communications
 H Business Management
 H Virtual Enterprise
 Bus. & Ent. Prac.: Banking
 Work-Based Learning

Programming and Software Dev.

Computer Science Foundations
 Coding I
 Coding II

Culinary Arts

Culinary Arts I
 Culinary Arts II (2 credits)
 H Culinary Arts III (2 credits)
 H Culinary Arts IV

Digital Arts

Digital Arts & Design I
 Digital Arts & Design II
 Digital Arts & Design III
 AP Studio Art 2D
 Applied Arts Practicum

Education and Training

Early Childhood I
 Early Childhood II (2 credits)
 Early Childhood III
 Early Childhood IV

Emergency Medical Services

Health Science Education
 H Medical Therapeutics
 Anatomy & Physiology
 H Anatomy & Physiology
 Emergency Medical Services

Entrepreneurship

Intro to Business & Mkt.*
 Computer Applications*
 Marketing I
 H Virtual Enterprise
 H Entrepreneurship
 Bus. & Ent. Prac.: Sketch It Up
 Work-Based Learning

Fine Arts

Visual Art I
 Fibers & Jewelry Making*
 Sculpture*
 Drawing & Painting
 AP Studio Art 2D
 Clay I
 Advanced Clay II
 Advanced Clay III
 AP Art History
 Theatre Arts I
 Theatre Arts II
 Theatre Arts III
 Theatre Arts IV
 General Music
 Concert Choir
 Women's Chorale
 Men's Chorus
 Select Chorus
 Concert Woodwind
 Concert Brass
 Symphonic Band
 Wind Ensemble
 Jazz Band
 Percussion Band
 Dual Enroll Theater App.*
 Dual Enroll Intro to Music*

Horticulture Science

Agriscience
 H Greenhouse Mgmt.
 Landscaping & Turf
 Work-based Learning

Humanities

(3 above graduation requirements)

H Speech*
 Creative Writing
 Journalism/Yearbook
 Journalism/Newspaper
 Mythology*
 Shakespeare*
 Dual-Enrollment Speech*
 AP Human Geography
 AP US Government*
 AP Comparative Government*
 AP Microeconomics*
 AP Macroeconomics*
 Psychology*
 AP Psychology
 Dual Enrollment Psychology*
 Sociology*
 Dual Enrollment Sociology*
 Bible
 African American History*
 Contemporary Issues*
 H Southern Literature*
 H Critical Thinking*
 AP European History
 AP World History
 H French III
 H French IV
 H Latin III
 H Latin IV
 H Spanish III
 H Spanish IV

Law Enforcement Services

Principles of Law
 Criminal Justice I
 Criminal Justice II
 Criminal Justice III

Marketing & Management

Intro to Business & Mkt.*
 Computer Applications*
 Marketing I
 Marketing II
 H Marketing II
 H Virtual Enterprise
 H Event Planning
 Bus. & Ent. Prac.: Bookstore
 Work-Based Learning

Networking Systems

Computer Science Foundations
 Computer Systems
 H Networking
 H Cabling & Internetworking
 IT Clinical Internship

Nursing Services

Health Science Education
 H Medical Therapeutics
 Anatomy & Physiology
 H Anatomy & Physiology
 Nursing Education

Math & Science

(3 above graduation requirements)

Applied Mathematical Concepts
 H Pre-Calculus
 AH Pre-Calculus
 AP Calculus AB
 AP Calculus BC
 H Statistics
 AP Statistics
 Dual-Enrollment College Alg*
 Dual-Enrollment Applied Stats*
 Physics
 AP Physics I
 AP Physics II
 AP Physics C
 Chemistry
 H Chemistry
 AP Chemistry
 H Anatomy & Physiology
 H Ecology*
 H Earth Science*
 AP Biology
 AP Environmental Science

Office Management

Intro to Business & Mkt.*
 Computer Applications*
 Business Communications
 H Business Management
 Advanced Computer Applications
 Work-Based Learning

ROTC

JROTC I
 JROTC II
 JROTC III
 JROTC IV
 JROTC IX

STEM

STEM I
 STEM II
 STEM III

Therapeutic Services

Health Science Education
 H Medical Therapeutics
 Anatomy & Physiology
 H Anatomy & Physiology
 Pharmacological Science
 Clinical Internship

Veterinary & Animal Science

Agriscience
 Small Animal Science
 Large Animal Science
 Veterinary Science
 Work-based Learning

BLACKMAN HIGH SCHOOL
2017-2018 CTE PROGRAMS OF STUDY

CLUSTER: AGRICULTURE, FOOD, & NATURAL RESOURCES			
<i>Program of Study: Horticulture Science – Possible Industry Certification: Commercial Pesticide Certification</i>			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Agriscience (5957) (1 Credit) (Science Credit)	Greenhouse Management (5954)	Landscaping and Turf Science (5951)	Work-Based Learning: Career Practicum (6105) AND/OR Horticulture Science Dual Enrollment (4069) (1 Credit Each)
<i>Program of Study: Veterinary & Animal Science</i>			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Agriscience (5957) (1 Credit) (Science Credit)	Small Animal Science (5958) (1 Credit)	Large Animal Science (6116) (1 Credit)	Veterinary Science (5961) AND/OR Work-Based Learning: Career Practicum (6105) AND/OR Veterinary & Animal Science Dual Enrollment (4065) (1 Credit Each)
CLUSTER: ARTS, AUDIO/VISUAL TECHNOLOGY, & COMMUNICATIONS			
<i>Program of Study: Digital Arts & Design</i>			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Digital Arts & Design I (6084) (1 Credit)	Digital Arts & Design II (6086) (1 Credit)	Digital Arts & Design III (6087) (1 or 2 Credits)	AP Studio: 2-D Design (3545) AND/OR Applied Arts Practicum (6158) (1 Credit Each)

BLACKMAN HIGH SCHOOL
2017-2018 CTE PROGRAMS OF STUDY

Program of Study: Audio/Visual Production			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
A/V Production I (6049) (1 Credit)	A/V Production II (6050) (1 or 2 Credits)	A/V Production III (6083) (1 or 2 Credits) AND/OR AP English Language & Composition (3013) (1 Credit)	Applied Arts Practicum (6158) (1 Credit)
CLUSTER: BUSINESS MANAGEMENT & ADMINISTRATION			
Program of Study: Business Management			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Introduction to Business & Marketing (5905) AND/OR Computer Applications (5891) (1/2 Credit Each)	Business Communications (5888) AND/OR Accounting I (5910) (1 Credit Each)	Business Management (5889) (1 Credit)	Virtual Enterprise International (5900) AND/OR Business & Entrepreneurship Practicum: Banking (6159) AND/OR Work-Based Learning: Career Practicum (6105) (1 or 2 Credits)
Program of Study: Office Management – Possible Industry Certification: MOS			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Introduction to Business & Marketing (5905) AND/OR Computer Applications (5891) (1/2 Credit Each)	Business Communications (5888) (1 Credit Each)	Business Management (5889) (1 Credit)	Advanced Computer Applications (5904) AND/OR Work-Based Learning: Career Practicum (6105) (1 or 2 Credits)

BLACKMAN HIGH SCHOOL 2017-2018 CTE PROGRAMS OF STUDY

CLUSTER: EDUCATION & TRAINING			
<i>Program of Study: Early Childhood Education Careers</i>			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Early Childhood Education Careers I (6015) (1 Credit)	Early Childhood Education Careers II (6016) (1 Credit)	Early Childhood Education Careers III (6017) AND Work-Based Learning: Career Practicum (6105) (1 Credit Each)	Early Childhood Education Careers IV (6135) (1 Credit)
CLUSTER: FINANCE			
<i>Program of Study: Banking & Finance</i>			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Introduction to Business & Marketing (5905) AND/OR Computer Applications (5891) (1/2 Credit Each)	Accounting I (5910) (1 Credit)	Accounting II (5911) (1 Credit)	Banking & Finance (5889) AND/OR Work-Based Learning: Career Practicum - Banking (6105) (1 or 2 Credits)
CLUSTER: HEALTH SCIENCE			
<i>Program of Study: Nursing Services</i>			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Health Science Education (5998) (1 Credit)	Medical Therapeutics (5999) (1 Credit)	Anatomy & Physiology (5991) (1 Credit)	Nursing Education (6000) (1 Credit)
<i>Program of Study: Emergency Services</i>			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Health Science Education (5998) (1 Credit)	Anatomy & Physiology (5991) AND/OR Medical Therapeutics (5999) (1 Credit Each)	Emergency Medical Services (5995) (1 Credit)	Emergency Medical Services Practicum (TBD) AND/OR Clinical Internship (5993) (1 Credit Each)

BLACKMAN HIGH SCHOOL 2017-2018 CTE PROGRAMS OF STUDY

CLUSTER: MARKETING			
<i>Program of Study: Marketing Management</i>			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Introduction to Business & Marketing (5905) AND/OR Computer Applications (5891) (1/2 Credit Each)	Marketing & Management I: Principles (5931) (1 Credit)	Marketing & Management II: Advanced Strategies (5932) AND/OR Event Planning & Management (6168) (1 Credit Each)	Business & Entrepreneurship Practicum: Bookstore (6159) AND/OR Virtual Enterprise International (5900) AND/OR Work-Based Learning: Career Practicum (6105) (1 Credit Each)
<i>Program of Study: Entrepreneurship</i>			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Introduction to Business & Marketing (5905) AND/OR Computer Applications (5891) (1/2 Credit Each)	Marketing & Management I: Principles (5931) (1 Credit)	Virtual Enterprise International (5900) (1 Credit Each)	Entrepreneurship (5934) AND/OR Virtual Enterprise International (5900) AND/OR Business & Entrepreneurship Practicum: Sketch it Up (6159) (1 Credit Each)
CLUSTER: STEM			
<i>Program of Study: STEM Education</i>			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
STEM I: Foundation (6144) (1 Credit)	STEM II: Applications (6145) (1 Credit)	STEM III: STEM in Context (6146) (1 Credit)	STEM IV: STEM Practicum (in 18-19) (6147) (1 Credit)



Blackman Collegiate Academy Major Focus Areas

Business and Economics

Introduction to Business & Mkt.*
Computer Applications*
Advanced Computer Apps*
Business Communications
H Business Mgmt.
H Virtual Enterprise
Accounting I
H Accounting II
Banking and Finance
H Entrepreneurship
Personal Finance
H Personal Finance
Marketing I
Marketing II
H Marketing II
Honors Event Planning & Mgmt.
Bus. & Entrepreneurship Practicum:
Banking, Bookstore, or Sketch It Up
Work-based Learning

Culinary Arts

Culinary Arts I
Culinary Arts II
H Culinary Arts III
H Culinary Arts IV

Fine Arts

Visual Art I
Fibers and Jewelry Making*
Sculpture*
Drawing and Painting
AP Studio Art: 2D
Clay I
Advanced Clay II
Advanced Clay III
AP Art History
Dual-Enrollment Theater Appreciation*
Theater Arts I
Theater Arts II
Theater Arts III
Theater Arts IV
General Music
Dual-Enrollment Introduction to Music*
Concert Choir
Women's Chorale
Men's Chorus
Select Chorus
Concert Woodwind
Concert Brass
Symphonic Band
Wind Ensemble
Jazz Band
Percussion Band

STEM

STEM I
STEM II
STEM III

Education and Training

Early Childhood Education I
Early Childhood Education II
Early Childhood Education III
Early Childhood Education IV

Health Science/Nursing

Health Science Education
H Medical Therapeutics
Anatomy and Physiology
H Anatomy and Physiology
Pharmacological Science
Emergency Medical Services
Nursing Services
Clinical Internship

Horticulture and Animal Science

Agriscience
H Greenhouse Mgmt.
Landscaping & Turf
Small Animal Science
Large Animal Science
Veterinary Science
Work-based Learning

Networking and Coding Systems

Computer Science Foundations
Coding I
Coding II
Computer Systems
H Networking
H Cabling & Internetworking
IT Clinical Internship

Journalism and Communications

A/V Production I
A/V Production II
H A/V Production III
AP Studio Art: 2D
Applied Arts Practicum
Journalism/Yearbook
Journalism/Newspaper
Creative Writing
Digital Arts and Design I
Digital Arts and Design II
Digital Arts and Design III
H Speech
Dual-Enrollment Speech

Liberal Studies

H Speech*
Dual-Enrollment Speech*
H Critical Thinking*
Creative Writing
Journalism/Yearbook
Journalism/Newspaper
Mythology*
Shakespeare*
H Southern Literature*

AP Human Geography
AP US Government
AP Comparative Government
AP Microeconomics
AP Macroeconomics
Psychology*
AP Psychology
Dual-Enrollment Psychology*
Sociology*
Dual-Enrollment Sociology*
Bible
African American History*
Contemporary Issues*
AP European History
AP World History
H French III
H French IV
H Latin III
H Latin IV
H Spanish III
H Spanish IV

Math and Science

Applied Mathematical Concepts
H Pre-Calculus
AH Pre-Calculus
AP Calculus AB
AP Calculus BC
H Statistics
AP Statistics
Dual-Enrollment College Algebra*
Dual-Enrollment Applied Statistics*
Physics
AP Physics I
AP Physics II
AP Physics C
Chemistry
H Chemistry
AP Chemistry
H Anatomy & Physiology
H Ecology
H Earth Science
AP Biology
AP Environmental Science

Political Science

JROTC III
JROTC IV
JROTC IX
Principles of Law Corrections
Criminal Justice I
Criminal Justice II
Criminal Justice III
AP US Government
AP Comparative Government
AP Microeconomics
AP Macroeconomics