



# Course Catalog 2019-2020



**Mr. John McDonald, Principal**  
**Mr. William Holt, Assistant Principal**  
**Mr. Jason Taylor, Assistant Principal**

# Tennessee Graduation Requirements

Minimum Required Credits = 22

- **Math:** 4 credits

- Algebra – Standard or Honors

- Geometry – Standard or Honors

- Algebra II – Standard or Honors

- Higher Level Math Course – Standard, Honors, Dual Enrollment or AP

- **English:** 4 credits

- English 9 – Standard or Honors

- English 10 – Standard, Honors or Pre-AP

- English 11 – Standard, Honors or AP

- English 12 – Standard, Honors, Dual Enrollment or AP

- **Science:** 3 credits

- Lab Science

- Biology – Standard or Honors

- Chemistry or Physics – Standard or Honors

- **Social Studies:** 3 credits

- World History & Geography – Standard or Honors, AP Human Geography

- US History & Geography – Standard, Honors or AP

- Economics – Standard or AP

- US Government – Standard or AP

- **Physical Education and Wellness:** 1.5 credits

- Lifetime Wellness

- Physical Education

- **Personal Finance:** 0.5 credits

- **Foreign Language:** 2 credits of the same foreign language during high school

- (May be waived for students not going to a University to expand and enhance the elective focus)

- **Fine Arts:** 1 credit

- (May be waived for students not going to a University to expand and enhance the elective focus)

- **Elective Focus:** 3 credits in one focus area

- **ACT/SAT Exam:** To receive a regular high school diploma, all students enrolled in a Tennessee public school during their eleventh-grade year must take either the ACT or SAT at least once by February of their twelfth-grade year.

**Math, Science and Foreign Language credits earned in 8<sup>th</sup> grade only count as elective credits, not as required Math, Science or Foreign Language graduation requirements.**

# Graduating with Honors or Distinction

Students that are members of the Honors Academy can graduate from Bartlett High School with an Honors Diploma if they meet the graduation requirements identified as well as the following requirements:

1. Earning 14 total Honors units: Honors/Dual Enrollment courses and semester Advanced Placement (AP) courses = 1 unit; year-long AP courses = 1.5 units a minimum of 3 Honors units each year
2. Maintain an un-weighted 3.5 GPA beginning with Class of 2021
3. Complete 12 service hours each school year
4. Complete a Project of Impact during Senior Year

Students can graduate with State Honors by scoring at or above the readiness benchmarks on all of the subject areas of the ACT.

English = 18  
Math = 22  
Reading = 22  
Science = 23

Students recognized as graduating with State Distinction will have a seal placed on their diploma. The requirements for graduating with State Distinction include attaining a 3.0 un-weighted or better average and completing one of the following:

1. Earn a national and/or state recognized industry certification
2. Participate in at least one (1) of the Governor's Schools
3. Participate in one (1) of the state's All State musical organizations
4. Be selected as a National Merit Finalist or Semi-Finalist
5. Attain a score of thirty-one (31) or higher composite score on the ACT or SAT equivalent
6. Attain a score of three (3) or higher on at least two (2) AP exams
7. Earn twelve (12) or more semester hours of transcribed postsecondary credits

## Grading Scale

<b>A</b>	<b>90-100</b>	<ul style="list-style-type: none"><li>• 3 points are added to Honors courses and 5 points are added to Advanced Placement courses.</li><li>• Class Rank is calculated by weighted GPA. The weighted GPA is calculated as follows: +1.0 for AP and +0.5 for Dual Enrollment and Honors courses.</li></ul>
<b>B</b>	<b>80-89</b>	
<b>C</b>	<b>70-79</b>	
<b>D</b>	<b>65-69</b>	
<b>F</b>	<b>Below 65</b>	

# English

## ENGLISH 9

1 Credit/Year Long

Prerequisite(s): None

A good understanding of basic grammar skills is emphasized, including vocabulary, spelling, punctuation, parts of speech, parts of sentences, and most forms of language usage. Composition of sentences and paragraphs, as well as creative writing are stressed and time is devoted to the understanding and appreciation of literature, such as poetry, essays, short stories, notification novels and drama.

## ENGLISH 9 HONORS

1 Credit/Year Long

Prerequisite(s): Honors contract & teacher recommendation

The higher standards for English 9 Honors require an advanced level of entry skills in grammar, composition and understanding literature. These three areas of language are expanded and enriched to challenge high ability students to achieve more creativity and independence. (Specified summer reading required)

# Math

## ALGEBRA 1

1 Credit/Year Long

Prerequisite(s): None

Algebra 1 focuses on understanding linear and quadratic functions, rational expressions, exponents, radicals and polynomials. The official calculator for this course is the TI-84 Plus.

## ALGEBRA 1 HONORS

1 Credit/Year Long

Prerequisite(s): Honors contract & teacher recommendation

Algebra 1 Honors is designed for students who have excelled in 8th grade math and need additional rigor added to the standard Algebra 1 curriculum. The official calculator for this course is the TI-84 Plus.

## ALGEBRA 1A

1 Credit/Year Long

Prerequisite(s): Specific IEP Requirements

This class takes the curriculum from 1st semester of Algebra 1 and spreads it out over one academic year. This class is designed to assist students in earning the required Math credits. The official calculator for this course is the TI-84 Plus.

## GEOMETRY

1 Credit/Year Long

Prerequisite(s): Algebra I

Geometry investigates mathematics using inductive and deductive reasoning. Geometric problems include proofs, properties of geometric figures, and area and volume formulas.

## GEOMETRY HONORS

1 Credit/Year Long

Course Weight: 0.5

Prerequisite(s): Honors contract & teacher recommendation

Geometry Honors is designed for the advanced math student with emphasis on critical thinking and analytical skills. Problem solving and synthesis of materials are areas where students will be challenged.

# Science

## **PHYSICAL SCIENCE**

1 Credit/Year Long

Prerequisite(s): None

Physical Science is an introductory course to the basic concepts of physics and chemistry. This is a survey course investigating the physical sciences where students use class discussions, projects, group work, and lab activities to examine, experiment and make conclusions.

## **BIOLOGY I**

1 Credit/Year Long

Prerequisite(s): Physical Science

Biology is the study of living organisms and their relationships to one another within the environment. Laboratory study is an important part of the course where students gain “hands-on” experience. Classroom discussions, projects, and individual/ group work also help students see connections in the living world.

## **BIOLOGY I HONORS**

1 Credit/Year Long

Course Weight: 0.5

Prerequisite(s): Physical Science, Honors contract & teacher recommendation

Biology Honors is an accelerated laboratory/class discussion course for the highly motivated and academically talented science student. This course requires more rigorous classwork and strong reading comprehension skills. Scientific writing and problem solving are integrated into the coursework. It encompasses the study of the structures unique to life, the environment, the interactions of organisms, and the patterns of matter and energy. Students will examine, experiment, and make conclusions about various biological topics.

# Social Studies

## **WORLD HISTORY AND GEOGRAPHY**

1 Credit/Year Long

Prerequisite(s): None

Students will study the rise of the nation state in Europe, the French Revolution, and the economic and political roots of the modern 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.

## **WORLD HISTORY AND GEOGRAPHY HONORS**

1 Credit/Year Long

Course Weight: 0.5

Prerequisite(s): Honors contract & teacher recommendation

World History Honors follows the standard World History and Geography curriculum but places a greater emphasis on reading and critical thinking skills, research and outside independent study.

# Fine Arts

## **MIXED CHORUS**

1 Credit/Year Long

Prerequisite(s): None

This course is a beginning level class for students who wish to develop their vocal technique. Basic theory, sight-reading, breathing and breath support, resonance, and many other skills are developed. Concerts and one competition are required. A choral fee is required.

## **HONORS CHOIR**

1 Credit/Year Long

Course Weight: 0.5

Prerequisite(s): Audition

This is an auditioned choir for students with advanced vocal skills. Course content includes study of fundamental vocal technique, sight-reading, music theory, and music history. Performances, after school rehearsals, and competitions are required as scheduled. This choir will take an annual spring tour. A choral fee and the purchase of performance attire are required for this class.

## **WOMEN'S CHOIR HONORS**

1 Credit/Year Long

Course Weight: 0.5

Prerequisite(s): Audition

This is an auditioned choir for students with advanced vocal skills. Course content includes study of fundamental vocal technique, sight-reading, music theory, and music history. Performances, after school rehearsals and competitions are required as scheduled. This class will take an annual spring tour. A choral fee and the purchase of performance attire are required for this class.

## **ART I**

1 Credit/Year Long

Prerequisite(s): None

Art 1 is a basic art course, incorporating the elements of art and the principles of design, coloring and drawing skills, and art history. Students receive grades for their artwork, which is graded on a rubric, involving following directions, craftsmanship, and creativity. A genuine interest in art is highly recommended. A supply fee of \$20 is required. Additional supplies may be necessary.

## **ART I HONORS**

1 Credit/Year Long

Course Weight: 0.5

Prerequisite(s): Honors contract & teacher recommendation

Art 1 Honors is an intensive basic art course, incorporating the elements of art and the principles of design, coloring and drawing skills, and art history. Students receive grades for their artwork, which is graded on a rubric, involving following directions, craftsmanship, and creativity. A genuine interest in art is highly recommended. A supply fee of \$20 is required. Additional supplies may be necessary.

## **ART I- PHOTOGRAPHY**

1 Credit/Year Long

Prerequisite(s): None

This beginning-level photography course builds student's abilities to recognize and produce successful artistic and commercial photographs, as well as discover the role of photography in modern society. Students will learn to take artistic digital photos incorporating the rules of composition, light, exposure, as well as the elements of art and principles of design. Students will learn to edit their photographs using software on their school issued laptops. Students receive grades for their photographs, which are graded on a rubric, involving following directions and creativity. A genuine interest in art and photography is highly recommended. Access to a personal cell phone, digital camera, or other device (not a laptop) that takes photographs and a supply fee of \$25 is required (for high quality printing of work).

**ART II HONORS**

1 Credit/Year Long

Course Weight: 0.5

Prerequisite(s): Honors contract &amp; teacher recommendation

This is an advanced, intensive art course for the serious art student. Students will reinforce and refine skills and techniques and discover a variety of new art media. Students receive grades for their artwork, which is graded on a rubric, involving following directions, craftsmanship, and creativity. A genuine interest in art is highly recommended. A supply fee of \$30 is required within 10 days. Additional supplies may be necessary.

**VARSITY BAND HONORS**

1 Credit/Year Long

Course Weight: 0.5

Prerequisite(s): Audition

Varsity Band Honors will focus on "Grade Level 5 & 6" concert band music after the marching band season. Sound development, pitch control, and ability to play in tune at an advanced level will be central to the daily instruction of this course. Additional assignments and program of study in music will include: composition, jazz improvisation, writing assignments in music evaluation & criticism, and performing on instruments at the advanced level as identified by the Tennessee state standards for instrumental music at the "advanced" performance level indicators. Students can earn a grade of up to 103 for successful completion of the Honors requirements. Teacher's recommendation is required to enroll in this class. There is a \$600 fee for marching band and a \$250 fee for non-marching band.

**GUITAR I**

1 Credit/Year Long

Prerequisite(s): None

Guitar I is a beginning music class for playing guitar. This class assumes no previous experience of playing guitar by the student. This class will be taught in the classical guitar method in regards to playing position, hand position, tuning, beginning level chords, and beginning level melodic playing. Students will be taught to read standard music notation and tablature. Students will learn to play both as a soloist and in the ensemble setting. Barre chords, blues chords, strumming and finger picking techniques will be included. Throughout the year music the students will be required to read and play will become progressively more difficult. Performance at a concert at the end of the year will be required. Students must provide their own acoustic guitar. Classical style guitar is preferred, but folk style guitar is acceptable.

**ORCHESTRA**

1 Credit/Year Long

Prerequisite(s): Previous experience

Orchestra is for students who played violin, viola, cello, or bass and wish to continue. Orchestra students will refine and build upon skills developed in previous years. Students will be required to attend mandatory after-school rehearsals and performances. There is a \$250 fee for this course.

**INTRO TO THEATRE**

1 Credit/Year Long

Prerequisite(s): None

This course offers the students a broad overview of the theatre world. Topics discussed include: theatre history, basics of acting, study and analysis of theatrical literature and basic information regarding technical theatre. Students will increase their understanding of theatre as an art form. As part of the course requirements, students will be required to attend and critique live theatrical performances that occur outside class time.



## **INTRO TO THEATRE HONORS**

1 Credit/Year Long

Course Weight: 0.5

Prerequisite(s): Audition

This course offers the students a broad overview of the theatre world. Topics discussed include: theatre history, basics of acting, study and analysis of theatrical literature and basic information regarding technical theatre. Students will increase their understanding of theatre as an art form. As part of the course requirements, students will be required to attend and critique live theatrical performances that occur outside of class time. This course will also require co-curricular after school/weekend hours devoted to the Panther Playhouse.

# **World Languages**

## **FRENCH I**

1 Credit/Year Long

Prerequisite(s): None

French I is designed to develop basic conversational skills in French with an emphasis on listening and speaking. Vocabulary building, grammar, and pronunciation are emphasized. A study of basic French culture is included.

## **FRENCH I HONORS**

1 Credit/Year Long

Course Weight: 0.5

Prerequisite(s): Honors contract & teacher recommendation

French I Honors serves the needs of the students with an above average aptitude in language acquisition. This course is designed to develop basic conversational skills in French with an emphasis on listening and speaking. Vocabulary building, grammar, and pronunciation are emphasized. A study of basic French culture is included.

## **GERMAN I**

1 Credit/Year Long

Prerequisite(s): None

German I is designed to develop basic conversational skills in German with an emphasis on listening and speaking. Vocabulary building, grammar, and pronunciation are emphasized. A study of basic German culture is included.

## **GERMAN I HONORS**

1 Credit/Year Long

Course Weight: 0.5

Prerequisite(s): Honors contract & teacher recommendation

German I Honors serves the needs of the students with an above average aptitude in language acquisition. This course is designed to develop basic conversational skills in German with an emphasis on listening and speaking. Vocabulary building, grammar, and pronunciation are emphasized. A study of basic German culture is included.

## **SPANISH I**

1 Credit/Year Long

Prerequisite(s): None

Spanish I concentrates on grammar, vocabulary, and pronunciation with emphasis on written and oral proficiency in Spanish. This course is designed to develop basic conversational skills in Spanish. A study of the cultures of Spanish speaking countries is included.



## **SPANISH I HONORS**

1 Credit/Year Long

Course Weight: 0.5

Prerequisite(s): Honors contract & teacher recommendation

Spanish I Honors serves the needs of the students with an above average aptitude in language acquisition. This course concentrates on grammar, vocabulary, and pronunciation with emphasis on written and oral proficiency in Spanish. This course is designed to develop basic conversational skills in Spanish. A study of the cultures of Spanish speaking countries is included.

## **SPANISH II**

1 Credit/Year Long

Prerequisite(s): Spanish I

Spanish II emphasizes the continued study of Spanish grammar and usage with emphasis on proficiency in the written and spoken language.

## **SPANISH II HONORS**

1 Credit/Year Long

Course Weight: 0.5

Prerequisite(s): Spanish I, teacher recommendation & honors contract

Spanish II Honors emphasizes increased skills in reading, conversation, and fluency in Spanish. Students who meet the criteria and plan to take Spanish III Honors must enroll in this course. The class is conducted as much as possible in the target language. Students are required to purchase supplementary materials.

# **Physical Education**

## **LIFETIME WELLNESS**

1 Credit/Year Long

Prerequisite(s): None

Lifetime wellness courses at Bartlett Academy are gender based. This course emphasizes the need for responsibility for engaging in behaviors that develop optimal health and wellness. The ongoing process of wellness requires daily decision-making in nutrition, stress management, physical fitness, preventative health care, emotional health, and other aspects of a healthy lifestyle. Students will alternate time in the classroom and gym. There is a \$20 uniform fee for this course.

# **Focus Electives**

## **COMPUTER APPLICATIONS**

1 Credit/Year Long

Prerequisite(s): None

This course is designed to teach the student the latest computer programs available to the school. This includes Microsoft Office Suite, the Internet, Google Education, and the use of social media.

## **HEALTH SCIENCE EDUCATION**

1 Credit/Year Long

Prerequisite(s): None

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. Students will practice obtaining vital signs, first aid and will be introduced to Medical Terminology. This course is a prerequisite for ALL other health science courses.

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 the Health Science program of study. There is

a \$30 lab fee for this class, and students are required to purchase a set of Bartlett Health Science scrubs to wear on lab days.

**INTRO to CRIMINAL JUSTICE**

1 Credit/Year Long

Prerequisite(s): None

Criminal Justice I is the second course in Law Enforcement Services and the Legal and Correctional Services programs of study. It serves as a comprehensive survey of how the law enforcement, legal, and correctional systems interact with each other in the United States. Current issues will be researched in the context of local, state, and federal laws. Investigative skills will be developed in the areas of drug use, incident documentation and basic crime scene investigation. Additionally, upon completion of the course, students will understand the importance of communications and professionalism in law enforcement.

**STEM I: FOUNDATIONS**

1 Credit/Year Long

Prerequisite(s): Strong in Math and Science

STEM I 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. Students must be strong in Math and Science to take this course. There is a \$10 lab fee for this course.

**STEM I: FOUNDATIONS HONORS**

1 Credit/Year Long

Course Weight: 0.5

Prerequisite(s): Honors contract & teacher recommendation

STEM I 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. Students must have earned a 90 or above average in 8<sup>th</sup> grade Math and Science to take this course. There is a \$10 lab fee for this course.