

Davie County High School

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Davie County High School Vision and Mission

Vision Statement: Davie County High School is a model high school that provides all learners with a safe, supportive, and collaborative environment in which they gain the knowledge, skills, and experiences to reach their highest potential.

Mission Statement: Empower our community of learners to connect, collaborate, and create.

The Davie County School System does not discriminate against any person on the basis of sex, race, religion, national origin, age, or handicap in any of its educational or employment programs or activities.

Registration Book

Please use this Registration Book to guide you through the course selection process for the upcoming school year. Included in these pages are important instructions for making selections. Graduation requirements are described and updated course descriptions are incorporated. *Opportunities to earn college credit while enrolled in high school are available.*

Counselors are assigned to students as listed below. Please contact the appropriate counselor with registration questions. (336)751-5905					
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Graduation & Academic Information for Future Ready Core

English requirements:

- 4 credits as follows: English I, English II, English III (or Foundations/AP Language & Composition), English IV, or Foundations/AP Literature, or ENG 111, ENG 112, & ENG 241 or 242 at the community college.

Math requirements:

- 4 credits as follows: NC Math 1, NC Math 2, NC Math 3, and a fourth math aligned with the student's individual plans after high school. Options are: NC Math 4, AP PreCalculus, AP Statistics, or a math course at the community college. The following CTE courses can also count as a fourth math based on the student's post high school plans: Apparel & Textile Production I, Carpentry I, Culinary Arts & Hospitality I, Drafting I, and Masonry I & II.

Social Studies requirements:

- 4 credits as follows: World History (or Foundations/AP World History), Civic Literacy (or AP Government & Politics), American History (or Foundations/AP US History or HIS 131 & 132 at the community college), and Economics/Personal Finance

Science requirements:

- 3 credits as follows: Earth/Environmental Science (or Foundations/AP Environmental), Biology, and a physical science aligned with the student's individual plans after high school: Physical Science, Chemistry, Inorganic Chemistry/AP Chemistry, Physics, Foundations/AP Physics

Health/PE

Elective requirements:

- 6 + credits based upon the student's individual interests. Can be arts courses, CTE courses, PE courses, dual enrollment courses, and academic courses beyond graduation requirements

*World Language is not required for high school graduation. Level 1 and 2 of the same language are required for college admission at most colleges.

Graduation & Academic Information for Occupational Course of Study

Four English credits that shall be:

- English I, English II, English III, English IV

Four Mathematics credits that shall be:

- Introduction to Mathematics, NC Math 1, Financial Management, Employment Preparation IV: Math (to include 150 work hours)

Three Science credits that shall be:

- Applied Science, Biology, Employment Preparation I: Science (to include 150 work hours)

Four Social Studies credits that shall be:

- Founding Principles of the United States of America and North Carolina: Civic Literacy, Economics and Personal Finance, Employment Preparation II: Citizenship 1A (to include 75 work hours),
Employment Preparation II: Citizenship 1B (to include 75 work hours)

One Health and Physical Education credit:

- Students are required to successfully complete CPR instruction to meet Healthful Living Essential Standards as a requirement for high school graduation.
- Accommodations/alternative assessments for students identified by ADA or IDEA will be provided.

Two Additional Employment Preparation Education credits, which shall be:

- Employment Preparation III: Citizenship IIA (to include 75 work hours)
- Employment Preparation III: Citizenship IIB (to include 75 work hours)

The work hours included in Employment Preparation I, II, III, IV shall be as follows:

- 150 hours of school-based training work with activities and experiences that align with the student's post school goals, and
- 225 hours of community-based training, and
- 225 hours of paid employment or 225 hours of unpaid vocational training, unpaid internship, paid employment at community rehabilitation facilities, and volunteer and/or community service hours.
- Total work hours: 600

Four Career/Technical Education Elective credits

A career portfolio

Completion of the student's IEP objectives

North Carolina Academic Scholar Plan

A student who qualifies as a North Carolina Academic Scholar will receive a seal of recognition enclosed with his/her diploma. In order to be a NC Academic Scholar, a student must meet the following requirements and achieve an overall 3.5 unweighted GPA:

Future Ready Core:

- 4** Credits of English (I, II, III, IV)
- 4** Credits of Mathematics (Math 1, 2, 3, Algebra 1, Geometry, Algebra 2 or one unit of advanced mathematics for which Algebra 2 is a prerequisite) four credits of math must be taken in grades 9-12.
- 3** Credits of Science (Earth/Environmental Science, Biology Chemistry or Physics)
- 4** Credits of Social Studies (World History; Founding Principles of the United States of America and North Carolina: Civic Literacy; Economics and Personal Finance; American History)
- 2** Credits of the same Foreign Language
- 1** Credit of Health/Physical Education
- 7** Elective credits (see paragraph below)
- 25** **Total credits** (Plus any additional credits required locally for graduation)

Math credits are aligned to the Future-Ready Core requirements. The fourth math credit must be a higher level math that meets MAR (Minimum Admission Requirements) for the UNC system. Elective requirements are aligned to the Future-Ready Core requirements. Six elective credits with 2 in a second language and 4 from the recommended concentration from one of the following: Career and Technical Education (CTE), JROTC, Arts Education, Second Languages, any other subject area. Three elective credits must be higher level courses taken during junior and/or senior years which carry additional quality points, such as AP, Dual or college equivalent courses, Advanced CTE/CTE credentialing courses, Online courses, and other courses designated as Honors level.

UNC System Minimum Admissions Requirements

ENGLISH	4 Credits
MATH	4 Credits in any one of the following combinations: Algebra I and II, Geometry and one unit beyond Algebra II* Algebra I and II, and two units beyond Algebra II* Math 1, 2, and 3 and one unit beyond Math 3* *Courses that count for the 4 th math: (not required at NC School of the Arts) Pre-Calculus AP Calculus Advanced Functions and Modeling Math Ready AP Statistics Statistical Analysis (DDCC)
SCIENCE	3 Credits 1 biological science course 1 physical science course 1 laboratory course
SOCIAL STUDIES	2 Credits including 1 U.S. History course
OTHER CREDITS	2 Credits in either advanced core classes OR two years of the same world language. *Many private colleges and non-UNC schools still require 2 credits of world languages.

Individual constituent institutions may require other courses in addition to the minimum requirements.

Grading System

The school year is divided into two semesters of 18 weeks. Grades are reported each nine weeks.

Grading Scale

90-100=A	80-89=B	70-79=C	60-69=D	Below 59=F
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Weighted Grading System

An unweighted average will be used to determine the following: <ul style="list-style-type: none">● Honor Roll● President's Award for Educational Excellence● North Carolina Academic Scholars● Career and College Promise Enrollment	A weighted average will be used to determine the following: <ul style="list-style-type: none">● Class Rank● Graduation Speakers● Junior Marshals
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Promotion Standards

Students must pass the following number of courses for promotion:

6 credits = 10 th Grade	12 credits = 11 th Grade	20 credits = 12 th Grade	22 minimum credits for graduation
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Earning College Credit in High School

Students have several opportunities to earn college credit for courses while in high school:

ADVANCED PLACEMENT COURSES

Teachers certified by The College Board teach these courses. These are challenging courses that follow a national curriculum. Extensive reading and outside assignments are required. Courses are offered in the regular classroom setting and online. Scores on the AP exams are 1-5; colleges will require a score of 3 or above to grant college course credit. Check with colleges you are considering for specific scores and credits earned. Students will register for the AP exam within the first month of the class. **Any student who registers for an AP exam and fails to take the exam for any reason must pay a cancellation fee per the College Board.**

ARTICULATION AGREEMENT with COMMUNITY COLLEGES

High school students may receive Community College credit at most community colleges for certain Career and Technical courses. Students must earn a grade of “B” or higher, and achieve a **scale** score of **93** or higher on the **CTE EOC final exam**. Students must also enroll in a community college within two years of graduation. Available courses are:

Accounting I
Automotive Service
Drafting I, IIA, IIE and III
Graphic Arts I and II
Marketing

Animal Science II
Carpentry I, II
Early Childhood I and II
Health Science I and II
Masonry I, II and III

Advanced Digital Media
Digital Media
Foods I and II
Horticulture I and II
MS Word, PP & Publisher

CAREER & COLLEGE PROMISE COURSES (CCP)

In partnership with Davidson-Davie County Community College, students can take in-person courses on the Davie and Davidson Campuses of DDCC without paying tuition. Students have the option of taking College Transfer or Career and Technical Education courses. While the courses are free, students must buy their books and required materials (usually \$75-\$150), purchase any required electronic access to materials, and provide their own transportation. Students will receive credit at both DDCC and Davie High School. Examples of College Transfer courses include Writing and Inquiry (ENG 111), Art Appreciation (ART 111), American History I (HIS 131), Quantitative Literacy (MAT 143), and Introduction to Sociology (SOC 210). Examples of Career and Technical Education courses include Welding, Nurse Aide, Emergency Medical Science, Fire Protection, and Criminal Justice. Students must earn a “C” or higher in the courses in order for the credits to transfer to a public university in NC or a private university that accepts DDCC courses. The College Transfer courses receive AP or college weight in the weighted GPA. Classes run on the college schedule and typically begin before Davie County School calendar. After successfully completing an in-person class or another online course, seniors may take college transfer courses online. The main requirements to take a CCP course are below.

Students must:

1. Be a junior or senior.
2. Have a 2.8 unweighted GPA to take a College Transfer course.
3. Meet with a Career Coach, Career Development Coordinator, or DDCC Liaison to learn about enrollment steps

NORTH CAROLINA VIRTUAL PUBLIC SCHOOL (NCVPS) Grades 10-12

These courses, offered through online instruction through the N.C. Department of Public Instruction, include regular, honors and AP level courses. College credit may be earned with AP courses. **Space is limited and placement is based upon student needs.** Due to the self-paced nature of these courses, students need a 3.0 GPA to sign up. Students will not be able to take a NCVPS if the course is taught in person at Davie High. A registration form must be completed by the student with their school counselor. Students are assigned to the Distance Learning Lab on the high school campus for these courses.

Courses Offered

Each description includes course title, course number, grade level offered, credit number, appropriate prerequisites, and course descriptions. Certain courses require the State End of Course Exam, while others may require NC Final Exams.

ENGLISH

English I (10212X00)

Grade: 9

1 credit

Course content meets the NC Standard Course of Study and course pace requires that students perform at levels appropriate to the high school curriculum.

English I Honors (10215X00)

Grade: 9

1 credit

Course content meets and surpasses the NC Standard Course of Study, and course pace requires that students show greater responsibility and independence than they must show in regular English I. Teachers will expect students to perform at advanced levels when interpreting literature, writing essays, and analyzing vocabulary. Only highly motivated students who excel in English should register for this course.

Introduction To Journalism (10312X0B)

Grade: 9-11

1 credit (Honors Credit is available via teacher recommendation)

This course is designed to teach basic journalism skills. In this class, students will be introduced to the study of and have practice in gathering and analyzing information, determining the timeliness of issues, interviewing, creating digital design, and taking quality photographs. Students will be introduced to the strategies of planning, marketing, and distributing news in a variety of media including yearbooks, news outlets, and social media. Students will learn journalistic writing and proofreading strategies as well as how to use various technologies for design and photography. Students will be required to work independently and collaboratively on a variety of assignments throughout the semester. Students will learn the work habits and vital skills needed for a variety of real-world careers. Intro to Journalism will prepare students who might be interested in continuing onto the Yearbook course or moving to digital media courses. This course is offered 1st semester only.

The Weekly Talon (10322X0WT)

Grade: 9-12

1 credit (Honors Credit is available via teacher recommendation)

Prerequisite: Introduction to Journalism or Teacher Recommendation

Students in this course will produce The Weekly Talon, Davie High's official student news (a digital publication). Students will be required to work in specialized departments, including journalism, photography, videography, social media, and digital technology. Additionally, this course is designed to expand upon basic journalism skills. Students will further their understanding of gathering and analyzing information, determining the timeliness of issues, interviewing, creating digital design, and taking quality photographs. Students will be introduced to the strategies of planning, marketing, and distributing news in a variety of media, including news outlets and social media. Students will learn journalistic writing and proofreading strategies as well as how to use various technologies for design and photography. Students will be required to work independently and collaboratively on a variety of assignments throughout the semester. Students will learn the work habits and vital skills needed for a variety of real-world careers. **This class may be taken up to two times for credit.**

Public Speaking and Debate (10182X00)

Grade 9-12

1 credit

Students in Speech and Debate will broaden their scope of communication by examining and practicing public speaking, rhetoric, debate, and interpersonal skills through a focus on the communication model, effective speech writing and delivery, and academic debate (along with all the skills and knowledge needed to reinforce these). This will be accomplished through discussion, study, reading, performance, research, giving and receiving feedback, problem-solving, and critical thinking. Students do not already have to be great speakers, but they need to have a desire and/or willingness to better themselves as a public speaker.

WORLD LANGUAGE

Spanish I (11412X00)

Grade: 9-12

1 credit

Spanish I is an introductory level course that teaches a variety of vocabulary and basic grammar concepts such as noun/adjective agreement and verb conjugations in the present tense. Listening, speaking, reading, and writing are emphasized. Students also learn about the culture of various Spanish-speaking countries.

MATH

Foundations of NC Math 1/NC Math 1 (20902X0YL/21092X0YL)

Grade: 9

2 credits *by placement only

NC Math 1 provides students the opportunity to study traditional topics from number and quantity, algebra, functions, geometry, and statistics and probability in a problem-centered, connected approach. Students will be expected to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relationships and use those representations to solve problems. Appropriate technology, from manipulatives to calculators and application software, will be used regularly for instruction and assessment. **A graphing calculator is required.**

NC Math 1 (21092X00)

Grade: 9

1 credit

NC Math 1 provides students the opportunity to study traditional topics from number and quantity, algebra, functions, geometry, and statistics and probability in a problem-centered, connected approach. Students will be expected to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relationships and use those representations to solve problems. Technology (manipulatives, calculators and application software) will be used regularly for instruction and assessment. **A graphing calculator is required.**

NC Math 1 Honors (21095X00)

Grade: 9

1 credit

This course, for the most motivated of students, has expectations for a higher level of inductive and deductive reasoning skills. This course covers the same concepts as NC Math 1 but at a more rigorous level that will be challenging and thorough. Appropriate technology will be used regularly for instruction and assessment. **A graphing calculator is required.**

NC Math 2 (22092X00)

Grade: 9-10

1 credit

Prerequisite: NC Math 1

NC Math 2 continues students' study of topics from number and quantity, algebra, functions, geometry, and statistics and probability in a problem-centered, connected approach. Students will be expected to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relationships and use those representations to solve problems. Technology (manipulatives, calculators and application software) will be used regularly for instruction and assessment. **A graphing calculator is required.**

NC Math 2 Honors (22095X00)

Grade: 9-10

1 credit

Recommended NC Math 1 grade of B or higher

This course, for the most motivated of students, has expectations for a higher level of inductive and deductive reasoning skills. This course covers the same concepts as NC Math 2 but at a more rigorous level that will be challenging and thorough. This course includes group and individual projects that extend the curriculum and broaden the depth of content knowledge. Appropriate technology will be used regularly for instruction and assessment. **A graphing calculator is required.**

SCIENCE

BIOLOGICAL SCIENCES

Biology Honors (33205X00)

Grade: 9-11

1 credit

Prerequisite: Earth/Environmental Science

This course is suitable for students seeking higher education or a science related career. Emphasis will be placed on the use of thinking skills and problem solving techniques while learning topics in ecology, molecular biology, genetics and evolution. Students will be required to utilize more written expression and critical thinking skills on tests, assessments, and lab reports. **Students choosing to take this course will be required to complete at least one, in-depth science research project and paper.**

PHYSICAL SCIENCE

Earth/Environmental Science (35012X00)

Grade: 9

1 credit

This course is designed for students interested in studying basic principles of Earth Science. Special areas of study include: meteorology, the biosphere, plate tectonics, mineralogy, astronomy, oceanography, geology, and environmental issues. This course meets the NC Graduation Requirement for Earth Science.

Earth/Environmental Science Honors (35015X00)

Grade: 9

1 credit

This class represents a well-balanced science course stressing the processes and activities of science as well as the basic concepts of Earth Science. This course is designed for students who desire an in-depth understanding of the forces involved in shaping the Earth, environmental resources, climate, oceans, space and other topics. Students will be required to utilize more written expression and critical thinking skills on tests, assessments, and lab reports. **Students choosing to take this course will be required to complete at least one, in-depth science research project and paper.**

Geoscience Honors (____)(~~30205X0E~~) and AP Environmental Science (3A027X0S)

Grade: 9

1 credit at Honors level, 1 credit at AP level

Geoscience Honors is a precursor to AP Environmental Science. It focuses on the study of earth systems and processes in preparation for AP Environmental Science. Topics covered include ecological systems, biodiversity, population dynamics, and Earth structure and resources. Special attention is paid to lab activities. AP Environmental Science focuses on human impact on the environment. Studies include topics from land and water use, energy resources and consumption, and atmospheric, aquatic, and terrestrial pollution to global change. Special attention is paid to AP labs. College credit is possible after taking the AP Environmental Science exam. This is a yearlong course and must be completed in its entirety.

SOCIAL STUDIES

World History (43032X00)

Grade: 9

1 credit

The course is intended to examine the historical development of the world and global issues and patterns since 1200. The course also explores underlying themes of: power and authority; change and continuity; human-environment interaction; globalization; cultural diffusion; and individual and group identity. Students will become aware of the rich diversity of human cultures and examine the major achievements of the world from the beginning of history to the present. All civilizations are included with the emphasis on Western Civilization. Students will be introduced to different forms of text.

World History Honors (43035X00)

Grade: 9

1 credit

Recommended at least a B in a previous honors social studies course or an A in a previous standard social studies course

The honors level course requires students to take greater responsibility for their learning and to go into more depth on certain topics. Students will learn and practice various types of essay writing such as compare/contrast, change over time, and document based essays. Students will be expected to read texts critically with an emphasis placed on primary sources. The course is intended to examine the historical development of the world and global issues and patterns since 1200. The course also explores underlying themes of: power and authority; change and continuity; human-environment interaction; globalization; cultural diffusion; and individual and group identity. Students will become aware of the rich diversity of human cultures and examine the major achievements of the world from the beginning of history to the present. All civilizations are included with the emphasis on Western Civilization.

**** Students interested in taking AP World History in 10th grade, see course description for Civic Literacy Honors or AP Government and Politics.**

Founding Principles of the United States and North Carolina: Civic Literacy Honors (43185X00)

Grade: 9-10

1 credit

Prerequisite: World History (unless taken for AP World History prerequisite)

This course is intended for highly motivated students who are interested in an in-depth study of civics. Outside reading assignments, research skills, and an emphasis on mastery of written expression will be a part of this course. The Civic Literacy course is designed to educate students on the development, roles and responsibilities of the United States government. Students will explore the National Government in detail, focusing on the three branches of government and how each contributes to the survival of our government. Students will also be able to compare and contrast the national, state, and local governments and their roles. Additionally, students will learn how they can influence the government through participation in political parties, elections and voting. Students will explore the content through the following lenses: inquiry; behavioral sciences; civics and government; economics; geography; and history. As students develop cognitively, these lenses become more focused based on the grade-level content and disciplinary thinking skills. Topics studied include citizenship and government, the foundations of American government, political parties, and federal, state, and local governments.

AP U.S. Government and Politics (4A067X00)

Grade 9-12

1 credit

This course is designed as a college-level, unbiased introduction to the government and politics of the United States as well as to the Advanced Placement program. Students will study political concepts, ideas, interactions, roles, and behaviors of the United States democratic government in order to understand in depth the political culture of the United States. Students will study and analyze the founding documents of the United States, major Supreme Court decisions, and other important texts and visuals to understand the function and processes of the United States government. Outside readings and case studies will be required and students will be required to complete several assignments on their own. In addition to outside readings, students will also write essays on specific government and political topics, and will be able to analyze, apply and make comparisons of evidence-based arguments. Additionally, there will be a REQUIRED research project that each student will have to complete based on a political science or civics based topic. This class is intended for students on track to take World History AP their sophomore year and satisfies the Founding Principles of The United States of America and North Carolina: Civic Literacy graduation requirement. **Strong writing and reading skills are highly recommended.**

FINE ARTS All Proficiency Levels determined by Teacher

Visual Arts Beginning (54152X00)

Grade: 9-12

1 credit

Beginning Visual Arts is an introduction to the visual world and how it connects to us. Studies include art history, painting, drawing, ceramics, design, and mixed media. Students will have access to a variety of art techniques and art media in a range of projects and assignments. Beginning Visual Arts students will be able to recognize the elements and principles of art used in the art processes throughout history. With this foundation of knowledge, students will understand the value of developing visual arts skills to prepare them for their own success after high school. Students will gain confidence in themselves as creative, functioning human beings.

Concert Band I Fall (52552X0C1) Concert Band II Spring (52552X0C2)

Grade: 9-12

1 credit each

Prerequisite: Completion of all 8th grade band requirements

Honors level available by Audition and Teacher Recommendations only

Students enrolled in the Concert Band will study intermediate music and instrumental performance techniques. Classroom activities also include listening to music, music theory and instrument study. It is expected that students will spend an appropriate amount of time practicing their instrument at home. Members of the Concert Band are required to participate in two evening rehearsals and two evening performances per semester. (All conflicts, including athletic participation, are dealt with on a case-by-case basis and should not prevent a student from also participating in band.) Students enrolled in the Concert Band will also perform at the Northwest District Music Performance Adjudication. **All ninth-graders who take band are required to enroll in both semesters of this course.**

Symphonic Band I Fall (52562X0S1) Symphonic Band II Spring (52562X0S2)

Honors Level available by Audition and Teacher Recommendations only

Grade: 9-12

1 credit each

Prerequisite: Completion of all 8th grade band requirements

Students enrolled in the Symphonic Band will study intermediate to advanced music and instrumental performance techniques. Classroom activities also include listening to music, music theory and evaluating music. It is expected that students will spend an appropriate amount of time practicing their instrument at home. Members of the Symphonic Band are required to participate in two evening rehearsals and two evening performances per semester. (All conflicts, including athletic participation, are dealt with on a case-by-case basis and should not prevent a student from also participating in band.) Students enrolled in the Symphonic Band for spring semester may perform at the Northwest District Music Performance Adjudication.

Wind Ensemble I Fall (Honors) (52575X0W1) Wind Ensemble II Spring (Honors) (52575X0W2) - Audition Required Teacher Signature Required

Grade: 9-12

1 credit each

Prerequisite: Completion of all 8th grade band requirements & MS Director Recommendation

Members of the Wind Ensemble are selected by audition in January of the preceding school year. The Wind Ensemble is an ensemble of advanced musicians who have demonstrated the required level of mastery and independence on their major performing instrument and dedication to the craft of making music. Students in the class will study advanced to difficult music and instrumental performance techniques. Classroom activities also include listening to music, advanced music theory, aural skills and evaluating music. It is expected that students will practice their instruments and study their music each day at home. Members of the Wind Ensemble are required to participate in two evening rehearsals and two evening performances per semester and also perform at the Mocksville Veterans Day Remembrance on November 11 and at the Northwest District Music Performance Adjudication. (All conflicts, including athletic participation, are dealt with on a case-by-case basis and should not prevent a student from also participating in band.) Students selected for the Wind Ensemble **MUST** register for both semesters of the course.

Concert Choir I Fall (52302X0CC1) Concert Choir II Spring (52302X0CC2)

Grade: 9-12

1 credit each

(Honors Credit Available by Audition and Teacher Recommendations only)

Fundamentals of choral music are taught, including proper singing technique such as posture, breathing, diction, and production of vowel sounds. Beginning music theory and music literacy skills are also taught in this class. All types of choral literature will be studied including holiday music during the fall semester. Students will be expected to participate daily through singing and music making. It is expected that students register for this class for both the fall and spring semester to ensure musical growth throughout the year. Participation in two concerts per semester is required and makes up the students final exam grade.

Dance Foundations (Beginning) (51152X00)

Grade: 9-12

1 credit

Students explore movement collectively as a creative art form along with the fundamentals of modern dance. Dance movement skills including improvisation are introduced and developed through a variety of forms. Whole body movement, strength, flexibility, endurance and proper alignment are explored in technique development. As both dancer and choreographer, students use creative and critical

thinking skills to evaluate various aspects of the creative process. Choreographic structures and principles as well as the elements of dance are examined through major modern dance works beginning in the 20th century leading to the present. Connections will be cultivated between cultural, historical and interdisciplinary aspects of dance in a global context. ***Required: Dancewear, 2 out of school rehearsals, formal performance and written work.**

Dance Company (Intermediate) (51262X00)

Grade: 9-12

1 credit (Honors Credit available for Proficient & Advanced Levels)

Prerequisite: Three semesters of Progressions, Audition, Teacher Signature Required

This course is a creative, performance-based class representing the highest technical/creative level for the serious student looking for a college/professional experience. Additionally, students are encouraged to take a dance class in the fall before taking the company class in the spring. ***Required: Dancewear, several out of school rehearsals, formal and informal performances, digital and written portfolio, and a major presentation are required.**

Theatre Arts Beginning (53152X00)

Grade: 9-12

1 credit

Students will learn the fundamentals of theatre arts from all spectrums. This includes, but is not limited to improvisation, the history of theater, acting techniques, researching playwrights, technical theatre, and scene and monologue acting. This course is designed for students who have little or no experience in theatre arts. Students are required to attend one main stage performance.

Musical Theatre (53622X04)

Grade: 9-12

1 credit (Honors level available)

Prerequisite: Concert Choir I and/ or II and Audition Teacher Signature Required

This course requires students to participate in a full-length musical production. Students will be required to attend 2 weeks of evening rehearsals (this includes tech week) leading up to the final /performance. Dates for these rehearsals and performances will be given weeks, even months in advance so the students can plan accordingly. Missing rehearsal because of work is not an accepted excuse. Students will be singing, dancing and acting to support the production, which will be presented in two or three evening performances, and a Sunday matinee. Following the final performance, students are required to participate in strike (removal of the set from the stage following performance). The performances and strike make up part of the students final exam grade.

CAREER and TECHNICAL EDUCATION (CTE)

Students are required to show proficiency in CTE courses through an NCDPI determined Proof of Learning (POL). Proofs of Learning will consist of an industry-recognized credential, a Performance-Based Measure (PBM), or CTE State Assessment. CTE courses listed as inherently honors do not have a standard level option. The depth and scope of the standards in these courses have been deemed rigorous enough to warrant an inherently honors designation by NCDPI.

AGRICULTURE

Agricultural Mechanics I (AS312X00)

Grade: 9-11

1 credit

In this course, students will develop knowledge and technical skills in the broad field of agricultural machinery, equipment, and structures. Identify day-to-day maintenance and repair needs of agricultural mechanics equipment. Generate knowledge of agricultural mechanics safety and hand/power tool use and selection. Develop an understanding of electrical wiring and basic agricultural metal and wood fabrication. Build leadership and employability skills through authentic experiences from Supervised Agricultural Experience (SAE), classroom instruction, and FFA participation. Gain the knowledge and skills for careers in the Power, Structural and Technical Systems pathway.

Aligned Career Technical Student Organization: North Carolina FFA Association and National FFA Organization

Animal Science I (AA212X00)

Grade: 9-11

1 credit

Students will explore the impact animal physiology has on animal nutrition and health. Identify animals using physical traits and characteristics. Implement best management practices to select healthy animals. Build leadership and employability skills through authentic experiences from Supervised Agricultural Experience (SAE), classroom instruction, and FFA participation. Gain the knowledge and skills for careers in the Animal Science pathway.

Aligned Career Technical Student Organization: North Carolina FFA Association and National FFA Organization

Horticulture I (Introduction to Plants) (AP412X00)

Grade: 9-12

1 credit

Students will grow knowledge of plant biology and environmental conditions plants need to thrive. Cultivate plant identification skills and experiment with propagation and production practices. Build leadership and employability skills through authentic experiences from Supervised Agricultural Experience (SAE), classroom instruction, and FFA participation. Gain the knowledge and skills for careers in the Plant Systems pathway.

Aligned Career Technical Student Organization: North Carolina FFA Association and National FFA Organization

BUSINESS, FINANCE, AND MARKETING EDUCATION AND COMPUTER SCIENCE/IT

Adobe I Visual Design (CD102X00) Honors (CD105X00)

Grade: 9 (Honors Only); 10-12

1 credit

Students will build logos and vector images using features in Adobe Illustrator. Enhance photographs using features in Adobe Photoshop. Produce images to be used in business publications and communications. Gain knowledge and skills for careers in the Adobe Academy pathway.

Aligned Career Technical Student Organization(s): Future Business Leaders of America (FBLA) or SkillsUSA

Business Essentials (BF102X00) Honors (BF105X00)

Grade: 9-12

1 credit

Students will explore realistic business principles by examining the business environment and primary business activities. Conceptualize ethics, customer relations, and human resource management through workplace scenarios. Investigate the usage of financial analysis, economics, information management, marketing, operations, and technology in the business world of the 21st century. Gain the knowledge and skills for careers in multiple business pathways.

Aligned Career Technical Student Organization: Future Business Leaders of America (FBLA)

Computer Science I (CS202X00)

Grades 9-12

1 credit

Students will explore how data is stored, transmitted, and used by computers. Investigate the benefits and harms of quickly advancing technology on society. Produce unique and interactive computer programs. Gain the knowledge and skills for careers in the Computer Science Principles pathway.

Aligned Career Technical Student Organization(s): Future Business Leaders of America (FBLA), SkillsUSA

Hospitality and Tourism Management I (FH312X00)**Grade: 9-12****1 credit**

Students will recognize career opportunities for management in the hospitality and tourism industry. Apply knowledge of the industry to develop a marketing plan for a company. Practice financial management, sales, and leadership for this dynamic industry. Gain the knowledge, skills, and industry credential for careers in hospitality and tourism management.

Aligned Career Technical Student Organization: Family, Career, and Community Leaders of America (FCCLA)

Marketing I (MM512X00) Honors (MM515X00)**Grade: 9-12****1 credit**

Students will implement dynamic marketing processes and activities. Develop an understanding of marketing functions and their impact on business operations. Conceptualize a comprehensive marketing plan. Gain the knowledge and skills for careers in marketing.

Aligned Career Technical Student Organization: Future Business Leaders of America (FBLA)

Network Administration I (BN2027X00)**Grades 9-12****1 credit**

Students will gain understanding of how to deploy ethernet solutions and configure wireless technologies. Explore basic networking concepts including networking services, physical connections, and cloud connectivity. Monitor networks to ensure business continuity. Gain the knowledge, skills, and industry credential for careers in the Network Administration pathway.

Aligned Career Technical Student Organization(s): Future Business Leaders of America (FBLA); SkillsUSA

Network Administration II (BN2027X00)**Grades 9-12****1 credit****Prerequisite: Network Administration I**

Students will explore security concepts and network attacks to harden networks against threats. Troubleshoot common cable, connectivity, and software issues. Optimize networks to ensure business continuity. Gain the knowledge, skills, and industry credential for careers in the Network Administration pathway.

Aligned Career Technical Student Organization(s): Future Business Leaders of America (FBLA); SkillsUSA

Sales I (MI312X00)**Grade: 9-12****1 credit**

Students will explore careers in selling and customer service. Recommend specific products to meet customer needs. Develop communication skills through public speaking opportunities. Gain the knowledge and skills for careers in sales.

Aligned Career Technical Student Organization: Future Business Leaders of America (FBLA)

Sport and Event Marketing I (MH312X00)**Grade: 9-12****1 credit**

Students will explore sport and event industries, associated marketing strategies, and branding concepts. Develop an understanding of promotion and marketing data related to sports and events. Weave together the concepts to create a proposal for a unique event. Gain the knowledge and skills for careers in sport and event marketing.

Aligned Career Technical Student Organization: Future Business Leaders of America (FBLA)

FAMILY & CONSUMER SCIENCES**Apparel and Textile Production I (FA312X00)****Grade: 9-12****1 credit**

Students will discover the diverse landscape of the apparel and textile industry, with a focus on design, textiles, and apparel engineering. Explore a range of topics, including fibers and finishes, sewing patterns and techniques, and the elements and principles of design. Construct a sewn project using knowledge learned in the course. Gain the knowledge and skills for careers in apparel and textile production.

Aligned Career Technical Student Organization: Family, Career, and Community Leaders of America (FCCLA)

Child Development (FE602X00)**Grade: 9-11****1 credit**

Students will investigate the major influences on child development including culture, heredity, and environmental factors. Explore the importance of early relationships and how they promote healthy brain development while identifying characteristics of children birth through age five. Identify the different theories of child development and their impact on the physical, social, emotional, and cognitive domains of development in children. Gain the knowledge and skills for careers in early childhood development and services.

Aligned Career Technical Student Organization: Family, Career, and Community Leaders of America (FCCLA)

Foods and Nutrition I (FN412X00)**Grade: 9-11****1 credit**

Students will formulate an understanding of nutrition for a healthy lifestyle by preparing foods in each food group. Develop kitchen skills that promote proper food handling practice. Plan and execute meal management. Gain the knowledge, skills, and industry credential for careers in food and nutrition.

Aligned Career Technical Student Organization: Family, Career, and Community Leaders of America (FCCLA)

HEALTH SCIENCE EDUCATION

Health Science courses are sequenced as follows: Foundations of Health Science and then Health Science I. From there, students can either take the Biomedical Technology pathway or the Health Science II pathway. Biomedical Technology is geared toward students who are interested in medical technology and/or medical research. Health Science II is geared more toward training for patient care.

Foundations of Health Science (HU102X00)**Grade 9-10****1 credit**

Students will explore medical history from the primitive era to the 21st century. Understand mathematics used in healthcare, medical terminology, and abbreviations. Initiate learning about healthcare professions through career exploration. Gain knowledge and skills for careers in the Health Science cluster. **This course is strongly recommended as preparation for any other courses in the Health Sciences Pathway.**

Aligned Career Technical Student Organization(s): HOSA - Future Health Professionals, SkillsUSA

TECHNOLOGY ENGINEERING AND DESIGN**Robotics I (CL132X00)****Grades 9-12****1 credit**

This course focuses on engineering concepts including physics, programming, mechanical systems, and electrical and electronics systems. Students will complete STEM based activities and capstone projects during the semester. Core concepts are delivered with a robotics emphasis through relevant activities and projects. Possible Careers: Advanced Manufacturing, Coding, Research and Development

Aligned Career Technical Student Organization: SkillsUSA

Technology Engineering and Design (CT102X00)**Grade: 9-11****1 credit**

Students will explore how technology evolved throughout human history. Discover the universal systems model in products and processes society uses every day. Build a scale model of a structure by applying the Engineering Design Process. Gain the knowledge and skills for careers in the Technology Engineering, and Design pathway.

Aligned Career Technical Student Organization: SkillsUSA

TRADE AND INDUSTRY**Automotive Services Fundamentals (IT112X00)****Grade: 9-11****1 credit**

Students will prepare for an entry-level position in the Automotive Service industry. Develop basic skills in shop safety, shop equipment, and hand tool usage. Engage in identifying vehicle systems, system components, and various vehicle fluids. Gain the knowledge, skills, and industry credentials for careers in the Automotive Services pathway.

Aligned Career Technical Student Organization: SkillsUSA

Construction Core (IC002X00)**Grade: 9-10****1 Credit**

Students perform basic safety procedures required for construction and industrial project sites. Engage in proper techniques required to safely operate hand and power tools used in the construction industry. Practice material handling tasks using appropriate personal protective equipment (PPE) procedures and techniques. Gain the knowledge, skills, and industry credentials for careers in architecture and construction.

Aligned Career Technical Student Organization: SkillsUSA

Drafting I Honors (IC615X00)**Grade: 9-11****1 credit**

Students investigate essential concepts, trends, and career options in the architectural and engineering industry. Practice fundamental sketching skills and techniques required in architectural and engineering graphic communications. Perform CAD (computer aided drafting/design) procedures required to produce basic technical drawings. Gain the knowledge, skills, and industry credentials for careers in architecture and construction.

Aligned Career Technical Student Organization: SkillsUSA

MILITARY SCIENCE--(JROTC – Junior Reserve Officer Training Corps)

These courses are high energy, physically demanding, and very structured. Once registered, students are committed to the course.

JROTC I A Fall (95012X0F) JROTC I B Spring (95012X0S)

Grade: 9-12

1 credit each

Foundation: These courses serve as the introduction to and foundation for leadership development as part of the larger JROTC program. Topics include: history and objectives of JROTC, military customs and courtesies, leadership development and drill, physical fitness instruction and application, an introduction to map reading, and other elective areas. These courses are given over two semesters and each earns one credit. Cadets must complete both courses sequentially to advance to the Leadership Education & Training (LET) II level.

PHYSICAL EDUCATION

Health/Physical Education (60492X00)

Grade: 9 1 credit

The completion of Health/PE is a North Carolina high school graduation requirement. The course consists of the required high school healthful living essential standards and clarifying objectives approved by the North Carolina State Board of Education and required by the North Carolina Department of Public Instruction. After completing Health/PE students are encouraged to pursue other Healthful Living electives. Physical education components include the progressive development of motor skills and movement concepts along with learning opportunities that promote health related fitness and personal/social responsibility. Health components include analyzing the relation between nutrition and physical activity, understanding the importance and consumer health, learning solid decision-making to prevent use of alcohol, tobacco, and other drugs. Opportunities to practice solid decision making and conflict resolution strategies are provided to assist students in development of healthy mental and emotional health through productive interpersonal communication and development of relationships. (Required instruction for Hands Only CPR completion)

Female Weight Training (60292X0FWT)

Grade: 9-12

1 credit

Prerequisite: Minimum grade of B in ALL previous PE courses

The emphasis in this course is on muscular strength, endurance, flexibility, and safety. The core lifts in this course include parallel squats, cleans, and bench press. Weight room safety, warm-up/cool down procedures, lifting technique and safety for all lifts, major muscle identification, and individual goal setting are all important components in this course. In addition, students will monitor and improve their fitness levels by participating in the Fitnessgram assessments throughout the semester. **This course may be repeated for credit up to 2 times.**

SPECIAL OFFERINGS

English as a Second Language (ESL)

Grade: 9-12

1 credit

(Teacher Placement Only)

The ESL program at Davie High School is designed to assist students whose first language is not English to acquire proficiency in the English language. Students receive developmentally appropriate instruction in the areas of listening, speaking, reading, and writing. Students work on increasing vocabulary skills as well as improving reading comprehension and basic writing skills. Emphasis is made on acquiring skills necessary to function in an English speaking environment and succeed academically. Placement in ESL courses is determined by the student's need, ACCESS test scores, and teacher placement. The ESL curriculum is aligned with the WIDA content standards.

OCCUPATIONAL COURSE OF STUDY (OCS) COURSES

The OCS Program requires 600 TOTAL HOURS OF WORK EXPERIENCE FOR GRADUATION WITH A DIPLOMA

Six Occupational Preparation Education credits, which shall be Employment Preparation I, II, III, and IV (i.e., completion of 150 hours of school-based training with work activities and experiences that align with student's post school goals, 225 hours of community-based training, and 225 hours of paid employment or 225 hours of unpaid vocational training, unpaid internship, paid employment at community rehabilitation facilities, and volunteer and/or community services hours.

Employment Preparation I Science (9260BX00)

Grade: 9

1 credit

This course is designed to teach students skills and promote success in the areas of postsecondary education, employment, and independent living. Instructional emphasis will be placed on the application and generalization of skills to post school environments. The Six Employability Skills adopted by NCDPI have been embedded within the competency goals and objectives throughout the course.

English I (9210BX00)

Grade: 9

1 credit

Students in Occupational English I will work on standard rules of convention and syntax in order to become better writers and will read a variety of text to become better readers as these skills will be needed in any 21st century workplace. They will learn to apply comprehension strategies to analyze fiction and non-fiction and apply what they have learned. Students will learn proper grammar and use oral language skills to communicate effectively in both formal and informal situations.

Introduction to Mathematics (9220BX00)

Grade: 9

1 credit

This course involves the study of numbers and operations, geometry, measurement, algebra, statistics and probability. Students will gain mastery of curricular concepts through focusing on career readiness.

Founding Principles of the USA and NC: Civic Literacy (9251BX00)

Grade: 9

1 credit

The standards and objectives in the Founding Principles of the United States of America and North Carolina: Civic Literacy course will provide students the opportunity to engage in intensive application of the skills, concepts, processes, and knowledge gained in previous social studies courses and prepare them to be college, career, and civic ready. Students will explore the content through the following lenses: inquiry; behavioral sciences; civics and government; economics; geography; and history. As students develop cognitively, these lenses become more focused based on the grade-level content and disciplinary thinking skills. Topics studied include citizenship and government, the foundations of American government, political parties, and federal, state, and local governments.