

# **2023-2024**

# **Ridgeview High School**

# **Course Descriptions**



## **Dickenson County Public Schools**

**309 Volunteer Avenue/P.O. Box 1127**  
**Clintwood, Virginia 24228**

The courses located in this catalog are subject to change based on teacher availability and other factors which may prevent some classes from being offered. Please contact your guidance counselor for any questions you may have.

### Notice of Non-Discrimination

The Dickenson County School Board is an equal opportunity employer, committed to nondiscrimination in recruitment, selection, hiring, pay, promotion, retention or other personnel actions affecting employees or candidates for employment. Therefore, discrimination in employment against any person on the basis of race, color, creed, religion, national origin, ancestry, political affiliation, sex, sexual orientation, gender, gender identity, age, pregnancy, childbirth or related medical conditions, marital status, status as a veteran, genetic information or disability is prohibited. Equal educational opportunities shall be available for all students, without regard to sex, sexual orientation, race, creed, color, national origin, gender, gender identity ethnicity, religion, disability, ancestry, marital or parental status or any other unlawful basis. The following persons have been designated to handle inquiries regarding the non-discrimination policies: Mrs. Karen Martin Director of Compliance PO Box 1127 Clintwood, Virginia 24228 (276) 926-4643 [kamartin@dcps.k12.va.us](mailto:kamartin@dcps.k12.va.us) Mrs. Denechia Edwards Director of Special Education PO Box 1127 Clintwood, Virginia 24228 (276) 926-4643 [dedwards@dcps.k12.va.us](mailto:dedwards@dcps.k12.va.us)



# **Dickenson County Public Schools**

## **High School Course Descriptions**

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# **Dickenson County Public Schools**

## **High School Course Descriptions**

### **DEFINITIONS**

#### Standard Unit of Credit

The standard unit of credit for graduation is based on a minimum of 140 clock hours of instruction and successful completion of the requirements of the course.

#### Verified Unit of Credit

A verified unit of credit for graduation is based on a minimum of 140 clock hours of instruction, successful completion of the requirements of the course, and a passing score on the end-of-course Standards of Learning test for that course. A state-approved substitute test may be used for specified SOL tests.

#### Student-Selected Test

A student-selected test for verified credit may come from any end-of-course SOL test that is not already satisfying a required verified credit or tests in computer science, technology, or other areas as prescribed by the Virginia State Board of Education.

#### Sequential Electives

Sequential electives are defined as study in a focused sequence of elective courses leading to further education or preparation for employment. Students who are pursuing the Standard Diploma or the Modified Standard Diploma must complete two sequential credits.

#### Weighted Credit

Honors courses, advanced placement (AP), and Governor’s School classes provided substantially greater rigor and challenge than other courses, and students that take these courses are rewarded with additional quality points when grade point averages (GPA) are calculated in 12<sup>th</sup> grade.

# Dickenson County Public Schools

## High School Course Descriptions

### GRADUATION REQUIREMENTS

#### Profile of a Virginia Graduate

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The [Profile of a Virginia Graduate](#) comprises the course and credit requirements students must meet to earn a [Standard Diploma](#) or [Advanced Studies Diploma](#) and the skills, experiences, and attributes essential for success in college and the work force.

Students meeting the Profile of a Virginia Graduate achieve the commonwealth's high academic standards and graduate from high school with workplace skills, an understanding of their responsibilities as citizens, and career plans aligned with their talents, interests and experiences.

The Profile of a Virginia Graduate describes the knowledge, skills, experiences and attributes that students must attain to be successful in college and/or the work force and to be "life ready."

In developing the profile, the Board of Education determined that a life-ready Virginia graduate must:

- Achieve and apply appropriate academic and technical knowledge (content knowledge);
- Demonstrate productive workplace skills, qualities, and behaviors (workplace skills);
- Build connections and value interactions with others as a responsible and responsive citizen (community engagement and civic responsibility); and
- Align knowledge, skills and personal interests with career opportunities (career exploration).

The Profile of a Virginia Graduate provides the framework for the requirements students must meet to earn a [Standard Diploma](#) or [Advanced Studies Diploma](#).

#### Background

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The Standards of Learning Innovation Committee, in its 2015 report to the General Assembly, recommended that the Board of Education develop a Profile of a Virginia Graduate and adjust Virginia's diploma requirements to conform with the profile.

The 2016 General Assembly subsequently approved [House Bill 895](#) and [Senate Bill 336](#), which directed the Board of Education to:

- Develop and implement a Profile of a Virginia Graduate identifying the knowledge and skills that students should attain during high school in order to be successful;
- In developing the profile, give due consideration to the "5 C's":
  - critical thinking,
  - creative thinking,
  - collaboration,
  - communication and
  - citizenship;
- Emphasize the development of core skill sets in the early years of high school; and
- Establish multiple paths toward college and career readiness for students to follow in the later years of high school, which could include opportunities for internships, externships, and credentialing.

# Dickenson County Public Schools

## High School Course Descriptions

### DIPLOMAS

#### For students entering the ninth grade for the first time in 2018-2019 and beyond

To graduate with a Standard Diploma for students entering the ninth grade for the first time in 2018-2019 and beyond, a student must earn at least 24 standard units of credit and five verified units of credit. Students earn standard credits by successfully completing required and elective courses. Students earn verified credits by successfully completing required courses and passing associated end-of-course SOL tests or other assessments approved by the state Board of Education.

Please note: Your school counselor can tell you which courses are offered by your school to fulfill the requirements for a Standard Diploma

<b>Standard Diploma Course Requirements (8VAC20-131-51) for Students Entering Ninth Grade for the First Time in 2018-2019 and Beyond</b>			
<b>Subject Area</b>	<b>Standard Credits</b>	<b>Verified Credits</b>	<b>Specifications</b>
English	4	2	N/A
Mathematics	3	1	Courses completed to satisfy this requirement shall include at least two different course selections from among: algebra I, geometry, algebra functions, and data analysis, algebra II, or other mathematics courses approved by the board to satisfy this requirement. Per the Standards of Quality, a computer science course credit earned by students may be considered a mathematics course credit.
Laboratory Science	3	1	<p>Courses completed to satisfy this requirement shall include course selections from at least two different science disciplines: earth sciences, biology, chemistry, or physics, or completion of the sequence of science courses required for the International Baccalaureate Diploma. The board shall approve courses to satisfy this requirement. An approved computer science course credit earned by students may be considered a science course credit.</p> <p>Students who complete a career and technical education program sequence and pass an examination or occupational competency assessment in a career and technical education field that confers certification or an occupational competency credential from a recognized industry, or trade or professional association, or acquire a professional license in a career and technical education field from the Commonwealth of Virginia may substitute the certification, competency credential, or license for (i) the student-selected verified credit and (ii) either a science or history and social science verified credit when the certification, license, or credential confers more than one verified credit. The examination or occupational competency assessment must be approved by the board as an additional test to verify student achievement.</p>
History and Social Sciences	3	1	Courses completed to satisfy this requirement shall include Virginia and U.S. history, Virginia and U.S. government, and one course in either world history or geography or both. The board shall approve courses to satisfy this requirement.

			Students who complete a career and technical education program sequence and pass an examination or occupational competency assessment in a career and technical education field that confers certification or an occupational competency credential from a recognized industry, or trade or professional association, or acquires a professional license in a career and technical education field from the Commonwealth of Virginia may substitute the certification, competency credential, or license for either a laboratory science or history and social science verified credit when the certification, license, or credential confers more than one verified credit. The examination or occupational competency assessment must be approved by the board as an additional test to verify student achievement.
Health and Physical Education	2	0	N/A
World Language, Fine Arts or Career and Technical Education	2	0	Credits earned for this requirement shall include one credit in fine or performing arts or career and technical education. An approved computer science course credit earned by students may be considered a career and technical education course credit.
Economics & Personal Finance	1	0	N/A
Electives	6	0	Courses to satisfy this requirement shall include at least two sequential electives as required by the Standards of Quality.
<b>Total</b>	<b>24</b>	<b>5</b>	N/A

#### **Additional Requirements for Graduation**

- **Advanced Placement, Honors, or International Baccalaureate Course or Career and Technical Education Credential** - In accordance with the Standards of Quality, students shall either (i) complete an Advanced Placement, honors, or International Baccalaureate course, or (ii) earn a career and technical education credential approved by the board, except when a career and technical education credential in a particular subject area is not readily available or appropriate or does not adequately measure student competency, in which case the student shall receive satisfactory competency-based instruction in the subject area to satisfy the standard diploma requirements. The career and technical education credential, when required, could include the successful completion of an industry certification, a state licensure examination, a national occupational competency assessment, or the Virginia workplace readiness assessment.
- **Virtual Course** - Students shall successfully complete one virtual course, which may be a non-credit-bearing course or a required or elective credit-bearing course that is offered online.
- **Training in emergency first aid, cardiopulmonary resuscitation (CPR), and the use of automated external defibrillators (AED)** - Students shall be trained in emergency first aid, CPR, and the use of AED, including hands-on practice of the skills necessary to perform cardiopulmonary resuscitation. Students with an IEP or 504 Plan that documents that they cannot successfully complete this training shall be granted a waiver from this graduation requirement, as provided in [8VAC20-131-420 B](#).
- **Demonstration of the five Cs** - Students shall acquire and demonstrate foundational skills in critical thinking, creative thinking, collaboration, communication, and citizenship in accordance with the Profile of a Virginia Graduate approved by the board.



**ADVANCED STUDIES DIPLOMA****For students entering the ninth grade for the first time in 2018-2019 and beyond**

To graduate with an Advanced Studies Diploma for students entering the ninth grade for the first time in 2018-2019 and beyond, a student must earn at least 26 standard units of credit and five verified units of credit. Students earn standard credits by successfully completing required and elective courses. Students earn verified credits by successfully completing required courses and passing associated end-of-course SOL tests or other assessments approved by the state Board of Education.

Please note: Your school counselor can tell you which courses are offered by your school to fulfill the requirements for an Advanced Studies Diploma.

<b>Advanced Studies Diploma Course Requirements (8VAC20-131-51) for Students Entering the Ninth Grade for the First Time in 2018-2019 and Beyond</b>			
<b>Subject Area</b>	<b>Standard Credits</b>	<b>Verified Credits</b>	<b>Specifications</b>
English	4	2	N/A
Mathematics	4	1	Courses completed to satisfy this requirement shall include at least three different course selections from among: algebra I, geometry, algebra II, or other mathematics courses above the level of algebra II. The board shall approve courses to satisfy this requirement. An approved computer science course credit earned by students may be considered a mathematics course credit.
Laboratory Science	4	1	Courses completed to satisfy this requirement shall include course selections from at least three different science disciplines from among: earth sciences, biology, chemistry, or physics or completion of the sequence of science courses required for the International Baccalaureate Diploma and shall include interdisciplinary courses that incorporate Standards of Learning content from multiple academic areas. The board shall approve additional courses to satisfy this requirement. Per the Standards of Quality, a computer science course credit earned by students may be considered a science course credit.
History and Social Science	4	1	Courses completed to satisfy this requirement shall include Virginia and U.S. history, Virginia and U.S. government, and two courses in either world history or geography or both. The board shall approve additional courses to satisfy this requirement.
World Language	3	0	Courses completed to satisfy this requirement shall include three years of one language or two years of two languages.
Health and Physical Science	2	0	N/A
Fine Arts or Career and Technical Ed.	1	0	Per the Standards of Quality, a computer science course credit earned by students may be considered a career and technical credit.
Economics and Personal Finance	1	0	N/A
Electives	3	0	Courses to satisfy this requirement shall include at least two sequential electives as required by the Standards of Quality
Total Credits	26	5	N/A

**Additional Requirements for Graduation**

- **Advanced Placement, Honors, or International Baccalaureate Course or Career and Technical Education Credential** - In accordance with the Standards of Quality, students shall either (i) complete an Advanced Placement, honors, or International Baccalaureate course or (ii) earn a career and technical education credential approved by the board, except when a career and technical education credential in a particular subject area is not readily available or appropriate or does not adequately measure student competency, in which case the student shall receive satisfactory competency-based instruction in the subject area to satisfy the advanced studies diploma requirements. The career and technical education credential, when required, could include the successful completion of an industry certification, a state licensure examination, a national occupational competency assessment, or the Virginia workplace readiness assessment.
- **Virtual Course** - Students shall successfully complete one virtual course, which may be a non-credit-bearing course or a required or elective credit-bearing course that is offered online.
- **Training in emergency first aid, cardiopulmonary resuscitation (CPR), and the use of automated external defibrillators (AED)** - Students shall be trained in emergency first aid, CPR, and the use of AED, including hands-on practice of the skills necessary to perform cardiopulmonary resuscitation. Students with an IEP or 504 Plan that documents that they cannot successfully complete this training shall be granted a waiver from this graduation requirement, as provided in [8VAC20-131-420 B](#).
- **Demonstration of the five Cs** - Students shall acquire and demonstrate foundational skills in critical thinking, creative thinking, collaboration, communication, and citizenship in accordance with the Profile of a Virginia Graduate approved by the board.

**The Path to Industry Certification:** High School Industry Credentialing initiative encourages students to work toward a selected industry credential or state license while pursuing a high school diploma. Students who earn a credential by passing a certification or licensure examination may earn up to two student-selected verified credits to meet graduation requirements.

**A credential is defined as:**

- a complete industry certification program, e.g., Certified Nursing Assistant (CNA);
- a pathway examination that leads to a completed industry certification, e.g., automotive technician examinations from ASE;
- a state-issued professional license, e.g., Cosmetology;
- an occupational competency examination, e.g., skill assessments from the National Occupational Competency Institute (NOCTI).

**The Virginia State Board of Education approves for student-selected verified credit only those examinations that meet the following criteria:**

- they must prepare students for an occupation or occupational area;
- they must be knowledge-based, as opposed to performance-based. Credentials may contain a performance-based component, but it is not required;
- they must be in a career and technical education field that confers a credential from a recognized industry, trade, or professional association or entity;
- they must be administered on a multi-state or international basis; and
- they must be standardized and graded independent of the school in which the test is given.

As of **January 10, 2008**, the State Board of Education in Virginia has approved 151 credentials for career and technical education courses or course sequences. View a [chart of the credentials](#) (Word) approved by the Virginia Board of Education for student-selected verified credit along with brief descriptions and the courses which may prepare a student for the approved examinations.

**In addition to providing student-selected verified credit(s) and adding value to a student's résumé for obtaining entry-level positions in today's technical job market, credentials provide the following benefits to students:**

- evidence that the student has completed advanced educational preparation by verifying competency in career and technical education skill areas in demand by business and industry;
- increased job opportunities for advancement in a chosen career path; and
- enhanced self-esteem for students through achieving national occupational competency standards recognized by business and industry

When the Virginia Department of Education began identifying industry credentials in 2002, only a small percent of Virginia students were enrolled in courses with the potential for achieving an industry credential. In 2008, most career and technical education course(s) offer training for one or more industry credentials. During the 2006 – 2007 school year, 13,325 Virginia students passed either industry certification exams, occupational competency exams, or achieved state licensure in areas eligible for student-selected verified credit.

In order for students to use approved credentials for student-selected verified credit, their career and technical education teachers must achieve at least one credential that is "targeted for instruction" in the courses they teach. The Virginia Department of Education provides training for career and technical education instructors interested in earning certification or licensure in selected areas. From 2004 through 2008, 2,244 credentials have been achieved by Virginia career and technical education teachers through state sponsored industry certification training/testing sessions.

Students who complete a career and technical education program sequence and pass an examination or occupational competency assessment in a career and technical education field that confers certification; or earn an occupational competency credential from a recognized industry, trade, or professional organization; or acquire a professional license in a career and technical education field from the Commonwealth of Virginia may substitute the certification, competency credential, or license for (i) the student-selected verified credit and (ii) either a science or history and social science verified credit when the certification, license, or credential confers more than one verified credit. The examination or occupational competency assessment must be approved by the Board of Education as an additional test to verify student achievement.

Virginia continues to be a national leader in aligning career and technical education programs with business and industry expectations. Students who earn one or more external credentials have a distinct advantage in entering their chosen field of employment and/or in continuing their career preparation through higher education.

Talk with your school counselor or career and technical education instructor for more information.

# **Dickenson County Public Schools**

## **High School Course Descriptions**

### **DIPLOMA SEALS**

Students who meet the requirements for graduation and demonstrate academic excellence and outstanding achievement may be eligible for one or more of the following awards:

#### **Governor’s Seal for Advanced Studies Diploma**

The Governor’s Seal for Advanced Studies is awarded to students who complete the requirements for an Advanced Studies Diploma with an average grade of “B” or better and successfully complete college-level coursework to earn at least 9 transferable college credits in Advanced Placement or dual enrollment.

#### **Virginia Board of Education Seal for Standard Diploma**

The Board of Education Seal is awarded to students who complete the requirements for an Advanced Studies or a Standard Diploma with an average grade of “A.”

#### **Board of Education's Career & Technical Education Seal (CTE Seal)**

The Board of Education's Career and Technical Education Seal shall be awarded to students who earn a Standard Diploma or an Advanced Studies Diploma and complete a prescribed sequence of courses in a career and technical education concentration or specialization that they choose and maintain a "B" or better average in those courses or (i) pass an examination or an occupational competency assessment in a career and technical education concentration or specialization that confers certification or occupational competency credential from a recognized industry, trade, or professional association or (ii) acquire a professional license in that career and technical education field from the Commonwealth of Virginia. The board shall approve all professional licenses and examinations used to satisfy these requirements.

#### **Virginia Board of Education’s Stem Seal**

The Board of Education's Seal for Science, Technology, Engineering and Mathematics (STEM) shall be awarded to students who earn either a Standard Diploma or an Advanced Studies Diploma and (i) satisfy all Math and Science requirements for the Advanced Studies diploma with a “B” average or better in all course work; and (ii) successfully complete a 50 hour or more work-based learning opportunity in a STEM area; and (iii) satisfy all requirements for a Career and Technical Education concentration (a concentration is a coherent sequence of two or more state-approved courses as identified in the course listing within the CTE Program #049-22 Page 3 Area Guide); and (iv) pass one of the following: (a) a Board of Education CTE STEM-H credential examination, or (b) an examination approved by the Board that confers a college level credit in a STEM field.

#### **Virginia Board of Education’s Seal for Excellence in Civics Education**

The Board of Education's Seal for Excellence in Civics Education shall be awarded to students who earn either a Standard Diploma or an Advanced Studies Diploma and (i) complete Virginia and United States history and Virginia and United States government courses with a grade of "B" or higher; (ii) have good attendance and no disciplinary infractions as determined by local school board policies; and (iii) complete 50 hours of voluntary participation in community service or extracurricular activities. Activities that satisfy the requirements of clause (iii) of this subdivision include (a) volunteering for a charitable or religious organization that provides services to the poor, sick, or less fortunate; (b) participating in Boy

Scouts, Girl Scouts, or similar youth organizations; (c) participating in JROTC; (d) participating in political campaigns or government internships, or Boys State, Girls State, or Model General Assembly; or (e) participating in school-sponsored extracurricular activities that have a civics focus. Any student who enlists in the United States military prior to graduation shall be deemed to have met this community service requirement.

### Virginia Board of Education's Seal of Bileteracy

The Board of Education's [Seal of Bileteracy](#) is awarded to students who earn a Board of Education-approved diploma and:

- Pass all required End-of-Course Assessments in English reading and writing at the proficient or higher level
- Demonstrate proficiency at the intermediate-mid level or higher in one or more languages other than English as demonstrated through an assessment from a list approved by the Superintendent of Public Instruction. American Sign Language qualifies as a language other than English.

### Virginia Board of Education's Seal for Excellence in Science and the Environment

The Board of Education's Seal for Excellence in Science and the Environment is awarded to students who enter the ninth grade for the first time in the 2018-2019 year and thereafter, and meet each of the following criteria:

- Earn either a Standard or Advanced Studies Diploma
- Complete at least three different first-level board-approved laboratory science courses and at least one rigorous advanced-level or postsecondary-level laboratory science course, each with a grade of "B" or higher
- Complete laboratory or field-science research and present that research in a formal, juried setting
- Complete at least 50 hours of voluntary participation in community service or extracurricular activities that involve the application of science such as environmental monitoring, protection, management, or restoration.

### Enriching Your High School Experience

To encourage students to enrich their high school educational experience and to increase the rigor of the high school program the following choices are available:

**The Advanced Placement (AP)** program, offered by the College Board, enables students to pursue college level studies while still in high school. AP offers students the opportunity to participate in a rigorous curriculum that exposes students to high academic intensity and quality. Based on their performance on AP Examinations, students may earn college credit. Students in the AP track should take advantage of pre-AP/Honors courses; both AP and Honors courses are weighted because of academic rigor. Students in AP classes are expected to take the AP exam. The exam fee is approximately \$85 per test. Financial assistance is available for economically disadvantaged students. See a school counselor for more information.

**Dual Credit** may be earned for courses taken on the college campus. Credit appears on both the high school and college transcript. Students who pursue this option do so in order to add an enriching and rigorous course to their high school program of study that is not available at the high school or have a special circumstance. **Students must obtain permission from the school principal/designee, prior to enrollment**, to ensure appropriate high school credit for the college course. The student is responsible for the expenses associated with any course.

**Dual Enrollment** offers the student credit through either Southwest Virginia Community College or Mountain Empire Community College, as well as high school credit, for courses offered during the regular school day at the high school. The student must complete the necessary entrance requirements for SWCC or MECC and have principal approval. Course offerings vary from year-to-year. See your school counselor for more information. Most

Dual Enrollment/Credit courses taken follow the grading scale of the college and do accrue weighted credit for GPA calculation. Students are responsible for 10% of the cost of tuition for dual enrollment/dual credit courses. Students pay a small share of the tuition for these courses, currently 10%..

**Elite Learning** is a program of online courses serving the students of southwestern Virginia. Elite Learning is a part of the Southwest Virginia Education and Training Network (SVETN), and provides a variety of asynchronous courses allowing students to receive high school credit. The courses are challenging, demanding, and exciting!

**Linwood Holton Governor's School** uses sophisticated distance learning and Internet based telecommunications technologies to deliver an advanced curriculum especially designed for gifted and talented students in their home schools and fills a unique need in a very innovative way. Students from 42 high schools use "state of the art" LearnLinc software to attend classes, listen to lectures, participate in discussions, complete lab activities, etc. - from their school, home, or almost anywhere.

**Virtual Advanced Placement School** (Virtual Virginia) is facilitated by the Virginia Department of Education. This school offers a variety of Advanced Placement courses, enabling students to earn college credit, regardless of their high school's ability to offer college-level courses. Courses are available through satellite and Internet video streaming or online. There is a tuition charge for some courses. High schools must have a facilitator on hand to proctor tests, provide help and support to students, and forward information to the instructor. Courses pursued through this method are those courses that are not offered at the high school. Beginning 2015-16, for students entering ninth grade, *AP Computer Science A* (3185) may be considered a mathematics course, a laboratory science course or a career technical education course. Information on specific course offerings can be found at [www.doe.virginia.gov/VDOE/Technology/VAPS.html](http://www.doe.virginia.gov/VDOE/Technology/VAPS.html).

**Governor's Senior Year Plus: Early College Scholars Agreement** This is an agreement in which students can qualify for the Early College Scholars program. The student must:

- Have a "B" average or better;
- Be pursuing an Advanced Studies Diploma or an Advanced Technical Diploma; and
- Take and complete college-level course work (i.e., Advanced Placement, or dual enrollment) that will earn at least 9 transferable college credits.

Early College Scholars are supported by Virtual Virginia and the Commonwealth College Course Collaborative. Virginia Virtual School provides statewide access to college-level courses while the Commonwealth College Course Collaborative defines the subjects high school students can complete and receive college degree credit from participating public and private colleges and universities.

**The University of Virginia's College at Wise's Early College Academy** is a free college-level sequence of courses that will take place during the senior year of advanced high school students. It meets the needs of accomplished students who are running out of curricular options in the last year of their high school experience. By combining the high rigor of college-level work with the more structure environment of the traditional high school, the Academy will prepare students for matriculation at four year institutions of higher education in challenging majors, including the science, engineering and mathematics fields. Upon completion, students will have earned their high school diploma and at least 14 hours of college credit.

**Edgenuity** is a provider of online and blended learning solutions, They have a long standing history of serving diverse students and implementations across schools and districts of all sizes by developing strong, personalized partnerships with elementary, middle, and high schools nationwide to deliver core courses, credit recovery, supplemental instruction, intervention, test preparation, virtual instruction, and professional development. Edgenuity is free for the students of Dickenson County but students must be of good academic standings before being considered for this virtual program.

# Dickenson County Public Schools

## High School Course Descriptions

### ENGLISH COURSES AND CREDITS

D C P S  E N G L I S H  C O U R S E S	Grade 9	English 9 Honors English 9
	Grade 10	English 10 Honors English 10
	Grade 11	English 11 (EOC) Honors English 11 (EOC) + AP Language & Composition *DE English 111-112 (does not replace English 11)
	Grade 12	AP Literature & Composition English 12 Dual Enrollment (DE) English 111-112  A variety of dual enrollment and AP Options are available through Virginia Virtual School (AP only) and Holton Governor's School  Elective Options <ul style="list-style-type: none"> <li>• Creative Writing*</li> <li>• Theatre *</li> <li>• DE Creative Writing (Elite)*</li> </ul> <p>*Also counts as a Fine Arts course</p>

**English Required for ALL Diploma Types** (minimum of 4 units of English to include the course options below at each grade level.

- English 9 or Honors English 9
- English 10 or Honors English 10
- English 11 or Honors English 11 + AP Language & Composition
- English 12 or AP Literature and Composition or DE English 111-112

To earn either the Standard or Advanced Studies Diploma, students must pass the EOC writing test and EOC reading test for 2 verified credits in English. To insure that all students have the best possible chance to be earn a diploma, our English department provides courses specifically designed to provide extra instruction and support. Students that pass 8<sup>th</sup> grade English but are not successful on the 8<sup>th</sup> grade writing test will be placed in Intervention Writing along with regular English 9. Students who pass English 11 but are not successful on the EOC writing test will be placed in High School Writing either in grade 11 or 12.

**ENGLISH**

Course #:	01001	Course Name:	English 9
Credits:	1	Prerequisites:	None
Grade Levels:	9	Diploma:	Standard
Career Cluster:	All		
Brief Description:	Instruction for students in English 9 will follow the <a href="#">Virginia Standards of Learning for English 9</a> covering oral language, reading and writing. Writing instruction will include additional standards established by the DCPS writing curriculum.		

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Course #:	H01001	Course Name:	Honors English 9
Credits:	1	Prerequisites:	Teacher Recommendation
Grade Levels:	9	Diploma:	Standard, Advanced
Career Cluster:	All		
Brief Description:	Instruction for students in Honors English 9 will follow the <a href="#">Virginia Standards of Learning for English 9</a> covering oral language, reading and writing. Writing instruction will include additional standards established by the DCPS writing curriculum. Expectations for students in honors classes exceed those for students in non-honors classes of the same title, and as a result of the higher expectations. This course is weighted in final GPA calculation.		

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Course #:	01002	Course Name:	English 10
Credits:	1	Prerequisites:	English 9
Grade Levels:	10, 11	Diploma:	Standard, Advanced
Career Cluster:	All		
Brief Description:	Instruction for students in English 10 will follow the <a href="#">Virginia Standards of Learning for English 10</a> covering oral language, reading and writing. Writing instruction will include additional standards established by the DCPS writing curriculum.		

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Course #:	H01002	Course Name:	Honors English 10
Credits:	1 (weighted-0.5)	Prerequisites:	English 9 or Honors English 9
Grade Levels:	10, 11	Diploma:	Standard, Advanced
Career Cluster:	All		
Brief Description:	Instruction for students in Honors English 10 (or pre-AP English 10) will follow the <a href="#">Virginia Standards of Learning for English 10</a> covering oral language, reading and writing and will include additional standards established by the DCPS writing curriculum. Expectations for students in honors classes exceed those for students in non-honors classes of the same title, and as a result of the higher expectations. This course is weighted in final GPA calculation.		

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Course #:	1145	Course Name:	High School Writing
Credits:	1	Prerequisites:	English 9, 10 and teacher recommendation
Grade Levels:	10, 11, 12	Diploma:	Standard
Career Cluster:	All		
Brief Description:	Instruction in High School Writing will take the next step in preparing students for written communication in real world settings including the workplace. The goal of this course is to ensure that all students not only meet the requirements to pass the EOC Writing test but also meet employers' expectations for written communication. Students may also take this course as remediation if the student has taken and failed to pass the EOC Writing test.		

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Course #:	01003	Course Name:	English 11
Credits:	1	Prerequisites:	English 9, 10
Grade Levels:	11, 12	Diploma:	Standard, Advanced
Career Cluster:	All		
Brief Description:	Instruction for students in English 11 will follow the <a href="#">Virginia Standards of Learning for English 11</a> covering oral language, reading and writing. Writing instruction will include additional standards established by the DCPS writing curriculum.		

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Course #:	H01003	Course Name:	Honor English 11
Credits:	1	Prerequisites:	English 9, 10, AP Lang./Comp.
Grade Levels:	11	Diploma:	Standard, Advanced
Career Cluster:	All		
Brief Description:	Honors English 11 is more rigorous than English 11, going beyond the Virginia Standards of Learning for English 11 and includes heavy emphasis on American literature and writing in preparation for AP Literature & Composition. Expectations for students in honors classes exceed those for students in non-honors classes of the same title, and as a result of the higher expectations. This course is weighted in final GPA calculation.		

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Course #:	01004	Course Name:	English 12
Credits:	1	Prerequisites:	English 9, 10, 11
Grade Levels:	12	Diploma:	Standard, Advanced
Career Cluster:	All		
Brief Description:	Instruction for students in English 12 will follow the Virginia Standards of Learning for English 12 covering oral language, reading and writing. Writing instruction will include additional standards established by the DCPS writing curriculum.		

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Course #:	E01104	Course Name:	Creative Writing (Elite)
Credits:	1	Prerequisites:	Teacher recommendation
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Creative Writing is a writing intensive elective English course geared to students with a strong interest in creative writing.		

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Course #:	01006	Course Name:	AP Literature & Composition
Credits:	1	Prerequisites:	English 11 (Honors English recommended) AP Lang./Comp.
Grade Levels:	12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. AP Literature & Composition conforms to the guidelines established for this course by the College Board. Students are expected to take the AP Lit/Comp exam. This course is weighted in GPA calculation		

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Course #:	01005	Course Name:	AP Language & Composition
Credits:	1	Prerequisites:	Honor English 11 (1151)
Grade Levels:	11,12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. AP Literature & Composition conforms to the guidelines established for this course by the College Board. AP Language students are expected to take the AP exam for either AP Lit/Comp or AP Lang./Comp. This course is weighted in GPA calculation		

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Course #:	DE01004	Course Name:	DE English (HGS)
Credits:	1	Prerequisites:	English 11, Teacher recommendation, principal approval, minimum score on college placement test
Grade Levels:	12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Students that successfully complete dual enrollment English will earn 6 hours of college credit through the local community college for college composition (English 111 and 112) in addition to high school credit for English 12. The level of rigor for this course is the same as at the college and follows a syllabus approved by the college. This dual enrollment course through Elite follows the 10-point college grading scale and the HGS course is weighted in GPA calculation.		

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Course #:	DE01104	Course Name:	DE Creative Writing (HGS)
Credits:	1	Prerequisites:	ENG 111/112, Teacher recommendation, principal approval, minimum score on college placement test
Grade Levels:	12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	Students that successfully complete dual enrollment Creative Writing will earn 3 hours of college credit through the local community college for Creative Writing (ENG 211 or ENG 211/212) in addition to high school credit for Creative Writing. The level of rigor for this course is the same as at the college and follows a syllabus approved by the college. This dual enrollment course through Elite follows the 10-point college grading scale and the HGS course is weighted in GPA calculation.		

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Course #:	DE01054	Course Name:	DE Survey of American Literature I & II (HGS)
Credits:	6	Prerequisites:	ENG 112 or divisional approval or written approval from community college
Grade Levels:	12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	Students will examine American literary works from colonial times to the present, emphasizing the ideas and characteristics of our national literature. Involves critical reading and writing. Prerequisite ENG 112 or divisional approval <i>Prerequisite:</i> ENG 112 or written approval from community college. 6 credits This dual enrollment course through Elite follows the 10-point college grading scale and the course is weighted in GPA calculation.		

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Course #:	E01151	Course Name:	Public Speaking (Elite)
Credits:	1	Prerequisites:	
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	This is a performance course which allows students to become proficient in selected categories and to gain knowledge of advanced oral communication techniques. This course is tutorial in nature with the teacher acting as a facilitator as students refine oral interpretation and persuasive speaking skills, deliver impromptu and special occasion speeches, and explore mass media.		

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# Dickenson County Public Schools

## High School Course Descriptions

### HISTORY/SOCIAL SCIENCE COURSES AND CREDITS

<b>D C P S  H I S T O R Y  C O U R S E S</b>	Grade 9	Honors World History I (EOC) World History I (EOC) World Geography (EOC)
	Grade 10	World History II (EOC) AP Human Geography (Virtual Virginia)
	Grade 11	VA & US History or AP US History (EOC)
	Grade 12	VA & US Government or AP US Government or DE Government  Elective Options for Grades 10-12 <ul style="list-style-type: none"> <li>• Psychology</li> <li>• Sociology</li> <li>• 20<sup>th</sup> Century history</li> <li>• Current Affairs</li> <li>• Street Law</li> </ul> <p>A variety of AP Options are available through Virtual Virginia as well as dual enrollment options through Holton Governor's School</p>

**History Required for Standard Diploma** (minimum of 3 units of History/Social Sciences to include)

- World History I, or World History II, or World Geography
- VA & US History or AP US History
- VA & US Government or AP US Government or DE Government

Students must earn a minimum of 1 verified unit of credit by passing the end-of-course test in one of the 4 tested courses.

**History Required for Advanced Diploma** (minimum of 4 units of History/Social Sciences to include)

- Honors World History I (recommended), or World History II, or World Geography
- VA & US History or AP US History
- VA & US Government or AP US Government or DE Government

Students must earn a minimum of 2 verified units of credit by passing the end-of-course (EOC) test in two of the 4 tested courses.

# HISTORY

Course #:	04001	Course Name:	World Geography
Credits:	1	Prerequisites:	None
Grade Levels:	9,10,11,12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	The focus of this course is the study of the world's peoples, places, and environments, with an emphasis on world regions. <b>Students are required to take the Standards of Learning End of Course Test.</b>		

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Course #:	H04052	Course Name:	Honors World History I
Credits:	1	Prerequisites:	Teacher Recommendation
Grade Levels:	9	Diploma:	Standard, Advanced
Career Cluster:	All		
Brief Description:	Instruction for students in Honors World History I will follow the Virginia Standards of Learning for World History, a focus on the study of the world's peoples, places, and environments, with an emphasis on world regions . Expectations for students in honors classes exceed those for students in non-honors classes of the same title, and as a result of the higher expectations. This course is weighted for GPA.		

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Course #:	04052	Course Name:	World History I
Credits:	1	Prerequisites:	None
Grade Levels:	9, 10,11,12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	This course will enable students to explore the historical development of people, places, and patterns of life from ancient times until 1500 A.D. (C.E.) in terms of the impact on Western civilization. <b>Students are required to take the Standards of Learning End of Course Test.</b>		

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Course #:	04053	Course Name:	World History II
Credits:	1	Prerequisites:	none
Grade Levels:	9,10,11,12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	This course will enable students to examine history and geography from 1500 A.D. (C.E.) to the present, with emphasis on Western Europe. <b>Students are required to take the Standards of Learning End of Course Test.</b>		

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Course #:	04104	Course Name:	Advanced Placement U.S. History
Credits:	1	Prerequisites:	Teacher recommendation
Grade Levels:	10,11,12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	In this course students develop the factual knowledge and analytical skills necessary to deal with the issues and problems of American History. They do in-depth analysis of major developments; become familiar with primary sources; assess historical materials, evidence, and interpretations; and learn to write research papers. AP U.S. History conforms to the guidelines established for this course by the College Board, and students are expected to take the AP U. S. History exam. AP courses are weighted for GPA.		

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Course #:	DE04063	Course Name:	DE Western Civilization (HGS)
Credits:	1	Prerequisites:	Teacher recommendation, minimum score on college placement reading test
Grade Levels:	11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	Students that successfully complete dual enrollment Western Civilization will earn 6 hours of college credit through the local community college for Western Civilization (HIS 101-102) in addition to high school credit for Western Civilization. The level of rigor for this course is the same as at the college and follows a syllabus approved by the college. This course is weighted for GPA calculation.		

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Course #:	04101	Course Name:	Virginia & U.S. History
Credits:	1	Prerequisites:	None
Grade Levels:	10,11,12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	While focusing on political and economic history, this course provides students with a basic knowledge of American culture through a chronological survey of major issues, movements, people, and events in United States and Virginia history. <b>Students are required to take the Standards of Learning End of Course Test.</b>		

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Course #:	DE04061	Course Name:	DE World Civilization (HGS)
Credits:	1	Prerequisites:	Teacher recommendation, minimum score on college placement reading test
Grade Levels:	11,12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	Students that successfully complete dual enrollment World Civilization will earn 3 hours of college credit through the local community college for World History (HIS 111-112) in addition to high school credit for World Civilization. The level of rigor for this course is the same as at the college and follows a syllabus approved by the college. This course is weighted for GPA calculation.		

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Course #:	2387	Course Name:	20 <sup>th</sup> Century History
Credits:	1	Prerequisites:	None
Grade Levels:	10,,11,12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	This course is a survey of History from 1900 to the present time.		

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Course #:	04064	Course Name:	Current Affairs
Credits:	1	Prerequisites:	None
Grade Levels:	11,12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	This course is an examination of events in the present day.		

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Course #:	DE04056	Course Name:	AP European History (Virtual Virginia)
Credits:	1 (weighted-1.0)	Prerequisites:	World History I or II; Teacher recommendation
Grade Levels:	12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	In this course students will study European History in global context from c. 1450 (high Renaissance) to the Contemporary Age. AP U.S. History conforms to the guidelines established for this course by the College Board. Students are expected to take the AP European History exam. This dual enrollment course follows the 10-point college grading scale and is weighted in GPA calculation.		

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Course #: 04162 Course Name: Street Law  
 Credits: 1 Prerequisites: None  
 Grade Levels: 11,12 Diploma: Standard or Advanced  
 Career Cluster: All  
 Brief Description: This course covers law-related topics.

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Course #: 04151 Course Name: Virginia & US Government  
 Credits: 1 Prerequisites: None  
 Grade Levels: 12 Diploma: Standard or Advanced  
 Career Cluster: All  
 Brief Description: In this course students will examine fundamental constitutional principles, the rights and responsibilities of citizenship, the political culture, the policy-making process at each level of government, and the operation of the United States market economy.

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Course #: DE04158 Course Name: AP Government & Politics (Virtual Virginia)  
 Credits: 1 (weighted-1.0) Prerequisites: Teacher recommendation  
 Grade Levels: 12 Diploma: Advanced  
 Career Cluster: All  
 Brief Descriptions: This Advanced Placement course in government and politics makes demands on a student equivalent to an introductory college course. The course covers the basic concepts, principles, and institutions of American government. All students are expected to take the Advanced Placement Government & Politics exam. This AP enrollment course follows the 10-point college grading scale and is weighted in GPA calculation.

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Course #: 04258 Course Name: Sociology  
 Credits: 1 Prerequisites: None  
 Grade Levels: 11,12 Diploma: Standard or Advanced  
 Career Cluster: All  
 Brief Description: The study of sociology is designed to examine the ways people interact with one another. Sociology involves learning about relationships within groups, such as the social class; relationships within social institutions such as the family and the organization of societies.

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Course #: DE04204 Course Name: AP Macro-Economics (Virtual Virginia)  
 Credits: 1 Prerequisites: Teacher recommendation  
 Grade Levels: 11,12 Diploma: Advanced  
 Career Cluster: All  
 Brief Description: This course is designed to provide students with an understanding of the economic principles which apply to an economic system as a whole. All students are expected to take the Advanced Placement Macroeconomics exam. This course is weighted in GPA calculation.

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Course #: 04254 Course Name: Psychology  
 Credits: 1 Prerequisites: None  
 Grade Levels: 11,12 Diploma: Standard or Advanced  
 Career Cluster: All  
 Brief Description: This course is designed to give the student an introduction to the concepts, theories, and applications of psychology. Topics covered include theories of learning, memory, sensation, perception, personality, abnormal psychology, therapy, and current issues in psychology.

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Course #:	DE04256	Course Name:	Advanced Placement Psychology I (Virtual Virginia)
Credits:	1	Prerequisites:	Teacher recommendation
Grade Levels:	12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	This course provides an introduction to the psychological topics and principles taught in an introductory psychology class at the college level. All students are expected to take the Advanced Placement Psychology I exam. This AP enrollment course follows the 10-point college grading scale and is weighted in GPA calculation.		

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Course #:	DE04989	Course Name:	DE Appalachian History (HGS)
Credits:	1	Prerequisites:	
Grade Levels:	11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	Students that successfully complete this course will earn 3 hours of college credit through the local community college for Appalachian History (HIS 205) in addition to high school credit. The level of rigor for this course is the same as at the college and follows a syllabus approved by the college. All dual enrollment courses follow the 10-point college grading scale and are weighted in GPA calculation.		

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# Dickenson County Public Schools

## High School Course Descriptions

### MATHEMATICS COURSES AND CREDITS

<b>D C P S  M A T H  C O U R S E S</b>	Grade 9	Algebra I or Algebra IA & IB Geometry Algebra II
	Grade 10	Geometry Algebra I or Algebra II AP Computer Science A*
	Grade 11	Computer Math Algebra, Functions, & Data Analysis (AFDA) Algebra II Math Analysis/Pre-Calculus (DE option) * Statistics (HGS)*
	Grade 12	Calculator/Computer Math Algebra, Functions, & Data Analysis (AFDA) Algebra II Math Analysis/Pre-Calculus* Statistics (HGS)* AP Calculus* <i>*Algebra II is a prerequisite for these classes</i>

**Math Required for Standard Diploma** (minimum of *3 units of math* to include Algebra I, Geometry, and 1 additional course at or above the level of Algebra I)

- Algebra I
- Geometry
- **Options:** Algebra II or AFDA or Computer Math

**Math Required for Advanced Studies Diploma** (minimum of *4 units of math* to include Algebra I, Geometry, Algebra II, and 1 additional course at or above the level of Algebra I)

- Algebra I
- Geometry
- **Options:** AFDA, Physics, Math Analysis/Pre-Calculus, Statistics, AP Calculus

There are also additional AP and dual enrollment math courses available to students. These courses must be in addition to the prerequisite courses that will meet the graduation requirements.

Students seeking a Standard diploma must be enrolled in a math class each year, but Economics/Personal Finance (a required CTE course with a math emphasis) may be taken in either the junior or senior in lieu of a math class.

Students seeking an Advanced Studies diploma *must* be enrolled in a minimum of one math credit per year. (See page 5 for information regarding the local numeracy credit.)



# MATHEMATICS

Course #:	02052	Course Name:	Algebra I
Credits:	1	Prerequisites:	none
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Algebra I develops the properties and structure of the real-number system. Content includes linear equations, functions, inequalities, polynomials, special products, graphs, and quadratic equations. <b>Students are required to take the Standards of Learning End of Course Test.</b>		

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Course #:	02053	Course Name:	Algebra I – 2-Part Sequence, Pt.1
Credits:	1	Prerequisites:	none
Grade Levels:	9, 10, 11, 12	Diploma:	Standard
Career Cluster:	All		
Brief Description:	Topics include arithmetic operations, problem solving techniques, linear equations and linear functions, quadratic equations, factoring, and statistics.		

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Course #:	02054	Course Name:	Algebra I 2-Part Sequence, Pt. 2
Credits:	1	Prerequisites:	Algebra I Pt. 1 Sequence
Grade Levels:	9, 10, 11, 12	Diploma:	Standard
Career Cluster:	All		
Brief Description:	Students will explore topics from ALGEBRA 1 PART 1 as well as systems of equations; linear, exponential, and quadratic functions; polynomials; factoring. <b>NOTE:</b> Students are required to take both Algebra I, Part I, and Algebra I, Part II, to satisfy the Algebra I graduation requirement. <b>Students are required to take the Standards of Learning End of Course Test.</b>		

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Course #:	02902	Course Name:	Algebra Functions & Data Analysis
Credits:	1	Prerequisites:	Algebra I
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Students will study functions and their behaviors, systems of inequalities, probability, experimental design and implementation, and analysis of data.		

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Course #:	02056	Course Name:	Algebra II
Credits:	1	Prerequisites:	Algebra I
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	The development of the topics of Algebra I is continued in greater depth in Algebra II. The course also includes irrational numbers, properties of radicals, systems of linear equations and linear inequalities. <b>Students are required to take the standards of Learning End of Course Test.</b>		

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Course #:	02072	Course Name:	Geometry
Credits:	1	Prerequisites:	Algebra I
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Students learn constructions; logical and deductive reasoning; angle relationships; parallel and perpendicular line relationships; congruence and similarity of polygons; triangle relationships and inequalities; and attributes and properties of quadrilaterals. <b>Students are required to take the standards of Learning End of Course Test.</b>		

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Course #:	E02104	Course Name:	Mathematical Analysis/Pre-Calculus (Elite)
Credits:	1	Prerequisites:	Advanced Math or Teacher Recommendation
Grade Levels:	11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	Math Analysis is a college preparatory course which includes Algebra II topics in depth as well as trigonometry, sequences, probability, and various other topics. The content of this course will serve as appropriate preparation for calculus.		
Course #:	02156	Course Name:	Computer Mathematics
Credits:	1	Prerequisites:	Algebra I
Grade Levels:	10, 11, 12	Diploma:	Standard
Career Cluster:	All		
Brief Description:	This course is intended to provide students with experiences in using computer programming techniques and skills to solve problems that can be set up as mathematical models. It may also be taught using calculators.		
Course #:	DE02201	Course Name:	DE Probability and Statistics (HGS)
Credits:	1	Prerequisites:	Teacher recommendation, minimum score on college placement math test
Grade Levels:	11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	Students that successfully complete dual enrollment Probability and Statistics will earn 6 hours of college credit through the local community college for (MTH 241-242) in addition to high school credit for Probability and Statistics. The level of rigor for this course is the same as at the college and follows a syllabus approved by the college. This course is weighted for GPA calculation.		
Course #:	DE02104	Course Name:	DE Pre-Calculus (Math 161 & Math 162)
Credits:	2	Prerequisites:	Algebra II; Teacher recommendation, minimum score on college placement math test
Grade Levels:	11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	Students that successfully complete dual enrollment Pre-Calculus will earn 6 hours of college credit through the local community college for Pre-Calculus (MTH 163-164) in addition to a high school math credit. The level of rigor for this course is the same as at the college and follows a syllabus approved by the college. This dual enrollment course follows the 10-point college grading scale and is weighted in GPA calculation.		
Course #:	E02121	Course Name:	Calculus (Elite)
Credits:	2	Prerequisites:	Algebra II; Teacher recommendation, minimum score on college placement math test
Grade Levels:	11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	Calculus introduces limits, continuity, while extending the content learned in Pre-Calculus. The course also introduces differentiation and integration of algebraic, exponential, logarithmic, trigonometric functions with an emphasis on application in the real world.		

Course #: DE02121  
Credits: 2

Course Name: DE Calculus I & II (Math 263 & Math 264)  
Prerequisites: Algebra II; Teacher recommendation, minimum score on college placement math test

Grade Levels: 11, 12  
Career Cluster: All

Diploma: Advanced

Brief Description: Calculus introduces limits, continuity, while extending the content learned in Pre-Calculus. The course also introduces differentiation and integration of algebraic, exponential, logarithmic, trigonometric functions with an emphasis on application in the real world. Students will receive Dual Enrollment credit for this class.

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# Dickenson County Public Schools

## High School Course Descriptions

### SCIENCE COURSES AND CREDITS

<b>D C P S  S C I E N C E  C O U R S E S</b>	Grade 9	Fundamentals of Scientific Investigation Environmental Science
	Grade 10	Honors Biology I or Biology I Chemistry I Earth Science II: Advanced Survey Earth Science II: Geology Earth Science II: Oceanography AP Computer Science A*
	Grade 11	Earth Science II (all options) Biology II: Advanced Topics Biology II: Ecology Chemistry II
	Grade 12	Earth Science II (all options) Biology II (all options) Chemistry II Physics AP Chemistry AP Biology  A variety of AP Options are available through Virtual Virginia as well as dual enrollment options through Holton Governor's School.

**Science Required for Standard Diploma** (minimum of *3 units of laboratory science* from at least 2 different science disciplines: earth sciences, biology, chemistry, or physics.)

- Environmental
- Biology
- Chemistry
- Physics
- **Options:** Earth Science II, Biology II, Chemistry II, or dual enrollment or AP science courses from distance learning providers (as approved by DCPS Board)

**Science Required for Advanced Studies Diploma** (minimum of *4 units of laboratory science* from at least 2 different science disciplines: earth sciences, biology, chemistry, or physics.)

- Environmental
- Honors Biology (recommended)
- Chemistry
- Physics
- **Options:** Earth Science II (advanced survey or geology), Biology II (ecology or advanced topics), Chemistry II, AP biology, AP Chemistry, or dual enrollment or AP science courses including those from distance learning providers (as approved by DCPS Board)

# SCIENCE

Course #	03003	Course Name:	Environmental Science
Credits:	1	Prerequisites:	None
Grade levels:	9, 10, 11, and 12	Diploma:	Standard or Advanced
Grade cluster	All		

**Brief Description:** The purpose of the new Environmental Science course is to provide foundational content that will prepare students for either Earth Science I or Biology I while also including aspects of other disciplines such as civic engagement, mathematics, and engineering. The goal of the course is to provide the students with the skills and content necessary for them to analyze current and future environmental issues, both natural and man-made, through a critical lens and to provide a platform to make informed decisions. This course will provide students the opportunity to learn environmental concepts in depth and build on the concepts currently embedded in the 2010 *Science Standards of Learning*. The new Environmental Science course, as well as the existing Advanced Placement Environmental Science course, may fulfill either an Earth Science or Biology requirement towards graduation. It is highly recommended that students planning to apply or attend college take four science courses to include Biology, Chemistry, Physics, and any other Board Approved Laboratory Science course. There is no state mandated standardized assessment aligned to either the new Environmental Science course or the Advanced Placement Environmental Science course.

Course #:	03008	Course Name:	Earth Science II: Advanced Survey
Credits:	1	Prerequisites:	Earth Science I
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
<b>Brief Description:</b>	This course focuses on dynamic Earth, the materials of which it is made, and the processes by which it is constantly changing. Topics include. Practical applications in structural geology, hydrology, and soil science are explored with emphasis on local applications whenever possible. Advanced survey broadens and deepens the study of the formation of minerals and rocks, plate tectonics, and Earth history and fossils as well as practical applications in structural geology, hydrology, and soil science.		

Course #:	03002	Course Name:	Earth Science II: Geology
Credits:	1	Prerequisites:	Earth Science I
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
<b>Brief Description:</b>	This course focuses on dynamic Earth, the materials of which it is made, and the processes by which it is constantly changing. Topics include the formation of minerals and rocks, plate tectonics, and Earth history and fossils. Practical applications in structural geology, hydrology, and soil science are explored with emphasis on local applications whenever possible.		

Course #:	DE03207	Course Name:	AP Environmental Science (Virtual Virginia)
Credits:	1	Prerequisites:	Biology I; Chemistry I; teacher recommendation
Grade Levels:	11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	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. All students are expected to take the AP exam for this course. This AP enrollment course follows the 10-point college grading scale and is weighted in GPA calculation		

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Course #:	DE03003	Course Name:	DE Environmental Science (HGS)
Credits:	1	Prerequisites:	Biology I; Chemistry I; teacher recommendation
Grade Levels:	11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	The HGS 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 This HGS enrollment course follows the 10-point college grading scale and is weighted in GPA calculation		

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Course #:	H03051	Course Name:	Honors Biology I (pre-AP)
Credits:	1	Prerequisites:	none
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	This course increases the student's awareness of the living world. Major concepts such as cell structure and organization, metabolism, growth, reproduction, biochemistry, genetics, taxonomy, evolution, and ecology are emphasized. Laboratory experiments are used to teach conceptual themes. <b>Students are required to take the standards of Learning End of Course Test.</b> Expectations for students in honors classes exceed those for students in non-honors classes of the same title, and as a result of the higher expectations. This course is weighted in GPA calculations.		

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Course #:	03051	Course Name:	Biology I
Credits:	1	Prerequisites:	none
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	This course increases the student's awareness of the living world. Major concepts such as cell structure and organization, metabolism, growth, reproduction, biochemistry, genetics, taxonomy, evolution, and ecology are emphasized. Laboratory experiments are used to teach conceptual themes. <b>Students are required to take the standards of Learning End of Course Test.</b>		

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Course #:	DE03053	Course Name:	DE Human Anatomy & Physiology I & II
Credits:	2	Prerequisites:	Biology I; Teacher recommendation
Grade Levels:	11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	Students that successfully complete dual enrollment in Astronomy will earn 6 hours of college credit through the local community college for Biology I (BIO 141-142) in addition to high school credit for Astronomy. The level of rigor for this course is the same as at the college and follows a syllabus approved by the college. HGS courses are weighted.		

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Course #:	03052	Course Name:	Biology II: Advanced Topics in Biology
Credits:	1	Prerequisites:	Biology I
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Using a comparative approach, the study of each group will emphasize diversity, anatomy, evolutionary relationships, functional adaptations and environmental relationships. Extensive lab work, including dissections, will be an integral part of the course.		

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Course #:	03063	Course Name:	Biology II: Ecology
Credits:	1	Prerequisites:	Biology I
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	This course helps students develop an understanding of the interactions of organisms with each other and the environment, improve scientific literacy skills, and gain an appreciation for the natural world and local community. Ecology is explored from the single species through the ecosystem level .		

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Course #:	DE03051	Course Name:	DE Biology (Biology 101 & 102) (HGS)
Credits:	4 (2 per section)	Prerequisites:	Biology I
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	<p><i>Biology I</i> focuses on foundations in cellular structure, metabolism, and genetics in an evolutionary context. Explores the core concepts of evolution; structure and function; information flow, storage and exchange; pathways and transformations of energy and matter; and systems biology. Emphasizes process of science, interdisciplinary approach, and relevance of biology to society. Part one of a two-course sequence.</p> <p><i>Biology II</i> focuses on diversity of life, anatomy and physiology of organisms, and ecosystem organization and processes in an evolutionary context. Explores the core concepts of evolution; structure and function; information flow, storage and exchange; pathways and transformations of energy and matter; and systems biology. Emphasizes process of science, interdisciplinary approach, and relevance of biology to society. Part two of a two-course sequence. One must have completed part one (<i>Biology I</i>) before taking part two (<i>Biology II</i>)</p> <p>This HGS enrollment course follows the 10-point college grading scale and is weighted in GPA calculation</p>		

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Course #:	03101	Course Name:	Chemistry I
Credits:	1	Prerequisites:	Algebra I
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Students are introduced to basic chemical concepts including composition of matter, atomic structure, periodic table, chemical bonding, formulas and equations, reacting quantities, gas laws, and acid-base theory. The investigative skills used by practicing scientists are emphasized. <b>Students are required to take the standards of Learning End of Course Test.</b>		

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Course #:	03102	Course Name:	Chemistry II
Credits:	1	Prerequisites:	Chemistry I
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Chemistry II builds on the essential skills and knowledge gained in Chemistry I to provide students with a strong foundation for pursuing interests in Chemistry as a field of study.		

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Course #:	DE03101	Course Name:	DE Chemistry (CHEM 111 & 112) (HGS)
Credits:	1	Prerequisites:	Chemistry I; teacher recommendation
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		

This course provides students with a foundation to support future advanced course work in chemistry. Through inquiry-based learning, students develop critical thinking and reasoning skills. Students cultivate their understanding of chemistry and science practices as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Students will spend at least 25% of instructional time in hands-on laboratory work. All students are expected to take the AP exam for this course. This DE enrollment course follows the 10-point college grading scale and is weighted in GPA calculation

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Course #:	DE03151	Course Name:	DE Physics (HGS)
Credits:	1	Prerequisites:	Teacher recommendation, minimum score on college placement math test; algebra II
Grade Levels:	11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	Students that successfully complete dual enrollment in Principles of Physics will earn 6 hours of college credit through the local community college for PHY 121-122 in addition to high school credit for Principles of Physics. The level of rigor for this course is the same as at the college and follows a syllabus approved by the college. HGS courses are weighted.		

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Course #:	DE03165	Course Name:	AP Physics (Virtual Virginia)
Credits:	1	Prerequisites:	Algebra II
Grade Levels:	11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	AP Physics 1 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. Students will spend at least 25% of instructional time in hands-on laboratory work. All students are expected to take the AP exam for this course.		

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# Dickenson County Public Schools

## High School Course Descriptions

### FOREIGN LANGUAGE COURSES AND CREDITS

<b>D C P S  F O R E I G N  L A N G U A G E  C O U R S E S</b>	Grade 9	Spanish I Spanish II
	Grade 10	Spanish I Spanish II Spanish III
	Grade 11	Spanish IV AP Spanish Literature
	Grade 12	Spanish IV/V AP Spanish  Students may also elect to take world languages via distance learning through Virginia Virtual School including: <ul style="list-style-type: none"> <li>• Chinese</li> <li>• Japanese</li> <li>• Latin</li> <li>• French</li> <li>• Vietnamese</li> <li>• German</li> </ul>

**Foreign Language Required for Standard Diploma:** Foreign language is not required for the Standard Diploma but may count for the fine arts/career technical requirement.

**Foreign Language Required for Advanced Studies Diploma:**

- Spanish I, II, III
- Spanish I and II plus 2 courses of one other world language

# FOREIGN LANGUAGES

Course #:	24102	Course Name:	French I (Virginia Virtual School) (Yearlong)
Credits:	1	Prerequisites:	None
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	The course consists of oral and written practice while studying vocabulary, grammar and French culture. Reading, writing, speaking, and listening are introduced. Emphasis is placed on listening and speaking skills. Students learn conversational dialogue based on everyday patterns. Students who are enrolled in a Virginia Virtual School World Language course will be required to take a nationally recognized examination in their language as part of this course.		

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Course #:	24103	Course Name:	French II (Virginia Virtual School) (Yearlong)
Credits:	1	Prerequisites:	French I
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	The course consists of oral and written practice while studying vocabulary, grammar and French culture. While speaking and listening skills continue to be emphasized, students will also increase their reading and writing skills. Students will begin to communicate more fluently in French, by learning and practicing more advanced concepts in grammar and vocabulary.		

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Course #:	24342	Course Name:	Latin I (HGS)
Credits:	1	Prerequisites:	None
Grade Levels:	9, 10	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Through elementary readings and sentences, students learn how the Latin language operates and how English grammar and vocabulary stem from it. Students learn the inflections, rules of syntax, and vocabulary needed for the comprehension and translation of simple Latin stories.		

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Course #:	24343	Course Name:	Latin II (HGS)
Credits:	1	Prerequisites:	Latin I; teacher recommendation
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Emphasis on vocabulary and word study is continued as well as the ability to translate English to Latin and an understanding and appreciation of the history and civilization of Rome through various readings.		

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Course #:	24344	Course Name:	Latin III (HGS)
Credits:	1	Prerequisites:	Latin II; teacher recommendation
Grade Levels:	10, 11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	An Emphasis is placed on acquiring understanding of Roman culture and an appreciation of Roman literature and on developing an increased English vocabulary through observing derivations. Studies in rhetoric and classical philosophy provide students with a valuable background for collegiate scholarship.		

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Course #:	24052	Course Name:	Spanish I
Credits:	1	Prerequisites:	None
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Strong emphasis is given to speaking, listening, reading, writing, and culture. Basic and essential vocabulary is taught through directed activities to enable the student to communicate in simple sentences. Students demonstrate understanding of words and expressions in varied contexts.		

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Course #:	24053	Course Name:	Spanish II
Credits:	1	Prerequisites:	Spanish I
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	This course continues to build on skills learned in the first year of the language. Students continue to work towards proficiency in all five-language skills: listening, reading, writing, studying culture, and a special emphasis on speaking.		

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Course #:	24054	Course Name:	Spanish III
Credits:	1	Prerequisites:	Spanish II; teacher recommendation
Grade Levels:	10, 11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	Conducted almost entirely in the target language, this course refines speaking, reading, and writing skills as it emphasizes vocabulary building.		

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Course #:	24055	Course Name:	Spanish IV
Credits:	1	Prerequisites:	Spanish III; teacher recommendation
Grade Levels:	10, 11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	Students practice perfecting their Spanish speaking, listening, reading, and writing skills. They study vocabulary, grammar, and cultural aspects of the language, and then apply lessons in extensive written and spoken exercises. By the end of the course, students will have an expansive vocabulary and a solid, working knowledge of all verb forms and tenses.		

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Course #:	24402	Course Name:	Chinese I (Virtual Virginia) (Yearlong)
Credits:	1	Prerequisites:	None
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Strong emphasis is given to reading, writing and speaking Mandarin Chinese. . This VV enrollment course follows the 10-point college grading scale and is weighted in GPA calculation.		

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Course #:	24403	Course Name:	Chinese II (Virtual Virginia) (Yearlong)
Credits:	1	Prerequisites:	Chinese I
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	This course continues to build on skills learned in the first year of the language. Strong emphasis is given to reading, writing and speaking Mandarin Chinese. This VV enrollment course follows the 10-point college grading scale and is weighted in GPA calculation.		

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Course #:	24404	Course Name:	Chinese III (Virtual Virginia) (Yearlong)
Credits:	1	Prerequisites:	Chinese I & II
Grade Levels:	9, 10, 11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	This course continues to build on skills learned in the first and second year of the language. Strong emphasis is given to reading, writing and speaking Mandarin Chinese. This VV enrollment course follows the 10-point college grading scale and is weighted in GPA calculation.		

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Other Virtual Virginia language courses follow the same pattern as Chinese.

# Dickenson County Public Schools

## High School Course Descriptions

### BUSINESS AND INFORMATION TECHNOLOGY COURSES AND CREDITS

<b>D C P S  B U S I N E S S &amp; T E C H  C O U R S E S</b>	Grade 9	Digital Applications Information Technology (IT) Fundamentals
	Grade 10	Accounting Design, Multimedia & Web Technologies Computer Information Systems
	Grade 11	Accounting, Advanced Computer Information Systems, Advanced Economics & Personal Finance
	Grade 12	Design, Multimedia & Web Technologies, Advanced  A variety of Dual Enrollment courses are available through Holton Governor's School ( <i>DE only</i> ).

# BUSINESS AND INFORMATION TECHNOLOGY

Course #:	19262	Course Name:	Economics & Personal Finance
Credits:	1	Prerequisites:	None
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Students learn how to navigate the financial decisions they must face and to make informed decisions related to career exploration, budgeting, banking, credit, insurance, spending, taxes, saving, investing, buying/leasing a vehicle, living independently, and inheritance.		

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Course #:	DE19262	Course Name:	DE Personal Finance
Credits:	1	Prerequisites:	Teacher recommendation, minimum score on college placement reading test
Grade Levels:	11, 12	Diploma:	Advanced
Career Cluster:	Business Management & Administration		
Brief Description:	Students that successfully complete dual enrollment in Personal Finance will earn 3 hours of college credit through the local community college for FIN 107 in addition to high school credit for Personal Finance. The level of rigor for this course is the same as at the college and follows a syllabus approved by the college. This dual enrollment course follows the 10-point college grading scale and is weighted in GPA calculation.		

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Course #:	12054	Course Name:	Business Law (Elite)
Credits:	1	Prerequisites:	Teacher recommendation, minimum score on college placement reading test
Grade Levels:	11, 12	Diploma:	Advanced
Career Cluster:	Business Management & Administration		
Brief Description:	Students that successfully complete dual enrollment Business Law will earn 6 hours of college credit through the local community college for Business Law I–II (BUS 241-242) in addition to high school credit for Business Law. The level of rigor for this course is the same as at the college and follows a syllabus approved by the college. This dual enrollment course follows the 10-point college grading scale and is weighted in GPA calculation.		

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Course #:	12104-I	Course Name:	Accounting
Credits:	1	Prerequisites:	None
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	Business Management & Administration		
Brief Description:	Accounting students study the basic principles, concepts, and practices of the accounting cycle for a service business and a merchandising business. Topics covered include analyzing transactions, journalizing and posting entries, preparing payroll records and financial statements, and managing cash control systems. Business ethics and professional conduct are emphasized. Students learn fundamental accounting procedures, using both manual and electronic systems.		

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Course #:	12104-II	Course Name:	Advanced Accounting
Credits:	1	Prerequisites:	Accounting
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Business Management & Administration		
Brief Description:	Students gain knowledge of advanced accounting principles, procedures, and techniques used to solve business problems and to make financial decisions. Students use accounting and spreadsheet software to analyze, synthesize, evaluate, and interpret business financial data. Students work in a technology-integrated environment using authentic workplace industry scenarios that reflect current industry trends and standards. The cooperative education method is available for this course.		

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Course #: 10004 Course Name: Digital Applications  
 Credits: 1 Prerequisites: None but keyboarding is *recommended*  
 Grade Levels: 9, 10, 11, 12 Diploma: Standard or Advanced  
 Career Cluster: Business Management & Administration  
 Brief Description: Designed for students to develop real-life, outcome-driven approach skills for digital citizenship, basic computer operations, keyboarding, application software (word processing, spreadsheets, multimedia applications, databases), and career exploration.

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Course #: 10005-II Course Name: Computer Information Systems  
 Credits: 1 Prerequisites: None but keyboarding is *recommended*  
 Grade Levels: 10, 11, 12 Diploma: Standard or Advanced  
 Career Cluster: Business Management & Administration  
 Brief Description: Students apply problem-solving skills to real-life situations through word processing, spreadsheet, database, multimedia presentation software, and integrated software activities. Students work individually and in groups to explore computer concepts, operating systems, networks, telecommunications, and emerging technologies.

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Course #: 10005-IV Course Name: Advanced Computer Information Systems  
 Credits: 1 Prerequisites: Computer Information Systems  
 Grade Levels: 11, 12 Diploma: Standard or Advanced  
 Career Cluster: Business Management & Administration  
 Brief Description: Students apply problem-solving skills to real-life situations through advanced integrated software applications, including printed, electronic, and Web publications. Students work independently and in groups to explore advanced computer maintenance activities, Web site development, programming, networking, emerging technology and employability skills.

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Course #: 10203-II Course Name: Design, Multimedia & Web Technologies  
 Credits: 1 Prerequisites: None but keyboarding is *recommended*  
 Grade Levels: 10, 11, 12 Diploma: Standard or Advanced  
 Career Cluster: Information Technologies; Arts, Audio/Video Technology & Communications  
 Brief Description: Students develop proficiency in creating desktop-published projects, multimedia presentations/projects, and Web sites using industry-standard application software. Students apply principles of layout and design in completing projects. Students create portfolios that include a résumé and a variety of desktop-published, multimedia, and Web-site projects produced in the course.

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Course #: 10203-IV Course Name: Advanced Design, Multimedia, & Web Technologies  
 Credits: 1 Prerequisites: Design, Multimedia & Web Technologies  
 Grade Levels: 10, 11, 12 Diploma: Standard or Advanced  
 Career Cluster: Business Management & Administration  
 Brief Description: Students develop advanced skills for creating desktop-published, interactive multimedia, and Web-site projects. Students work with sophisticated hardware and software, applying skills to real-world projects.

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Course #: DE10203 Course Name: DE Advanced Multimedia Applications (HGS)  
 Credits: 1 Prerequisites: Teacher recommendation, minimum score on college placement reading test  
 Grade Levels: 11, 12 Diploma: Standard or Advanced  
 Career Cluster: Business Management & Administration  
 Brief Description: Students that successfully complete dual enrollment Advanced Multimedia Applications will earn 6 hours of college credit through the local community college for ITE 170-270 in addition to high school credit for DMWT, Advanced (6631). The level of rigor for this course is the same as at the college and follows a syllabus approved by the college. HGS courses are weighted.

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Course #:	10254	Course Name:	Information Technology (IT) Fundamentals
Credits:	1	Prerequisites:	None but keyboarding is <i>recommended</i>
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	Information Technology		
Brief Description:	This course introduces the essential technical and professional skills required for students to pursue programs leading to professional careers and IT certifications. Students investigate career opportunities and technologies in four major IT areas: Information Services and Support, Network Systems, Programming and Software Development, and Interactive Media.		

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Course #:	12051	Course Name:	Principals of Business & Marketing (Elite)
Credits:	1	Prerequisites:	Teacher recommendation, minimum score on college placement reading test
Grade Levels:	11, 12	Diploma:	Advanced
Career Cluster:	All		
Brief Description:	Students discover the roles of business and marketing in the free enterprise system and the global economy. Students examine basic financial concepts of banking, insurance, credit, taxation, and investments to provide a strong background for making sound decisions as consumers, wage earners, and citizens. The real-world effects of technology, effective communication, and interpersonal skills is evident throughout the course. This course also supports career development skills and explores career options.		

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## Dickenson County Public Schools High School Course Descriptions

### HEALTH, PHYSICAL EDUCATION & DRIVERS EDUCATION COURSES AND CREDITS

<b>D C P S  H E A L T H &amp; P E  C O U R S E S</b>	Grade 9	Health & PE Grade 9
	Grade 10	Health/PE/Driver Education Grade 10
	Grade 11	Advanced PE 1
	Grade 12	Advanced PE 2
		Elective Options <ul style="list-style-type: none"> <li>• Weightlifting/Conditioning</li> </ul>

**Health & PE Required for Standard or Advanced Diploma:** (minimum of 2 units of Health & PE)

- Health & PE Grade 9
- Health/PE/Driver Education Grade 10



# HEALTH, PHYSICAL EDUCATION & DRIVERS EDUCATION

Course #: 08052 Course Name: Health & PE Grade 9  
 Credits: 1 Prerequisites: None  
 Grade Levels: 9, 10, 11, 12 Diploma: Standard or Advanced  
 Career Cluster: All  
 Brief Description: Students acquire an understanding of health concepts and skills and apply them in making healthy decisions to improve, sustain, and promote personal, family, and community health. Students gain knowledge and skills in a variety of individual, dual, and team sports to develop competencies to promote an active lifestyle. Personal fitness and planning concepts are taught.

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Course #: 8201-II Course Name: Health & PE Grade 10  
 Credits: 1 Prerequisites: None  
 Grade Levels: 10, 11, 12 Diploma: Standard or Advanced  
 Career Cluster: All  
 Brief Description: Students acquire an understanding of health concepts and skills and apply them in making healthy decisions to improve, sustain, and promote personal, family, and community health. Students understand and follow a physically active lifestyle that promotes good health and wellness. Students also complete drivers' education in the classroom.

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Course #: 8151 Course Name: Driver Education  
 Credits: 0 Prerequisites: None  
 Grade Levels: 10, 11, 12 Diploma: Standard or Advanced  
 Career Cluster: All  
 Brief Description: Driver Education component of Health & PE Grade 10

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Course #: 08009-B Course Name: Weightlifting/Conditioning (Boys)  
 Credits: 1 Prerequisites: None  
 Grade Levels: 9, 10, 11, 12 Diploma: Standard or Advanced  
 Career Cluster: All  
 Brief Description: This course is primarily geared to meet the needs of students participating in interscholastic athletics at the JV or Varsity level.

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Course #: 08009-G Course Name: Weightlifting/Conditioning (Girls)  
 Credits: 1 Prerequisites: None  
 Grade Levels: 9, 10, 11, 12 Diploma: Standard or Advanced  
 Career Cluster: All  
 Brief Description: This course is primarily geared to meet the needs of students participating in interscholastic athletics at the JV or Varsity level.

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Course #: 08016-I Course Name: Advanced Physical Education 11 (Adv. PE 1)  
 Credits: 1 Prerequisites: None  
 Grade Levels: 11, 12 Diploma: Standard or Advanced  
 Career Cluster: All  
 Brief Description: Students continue to learn and master and/or refine lifetime sports activities with emphasis on health and sports related fitness, as they relate to attainment of a healthy lifestyle. Students may elect this course in grade 11. Students may not take this course in lieu of Health and Physical Education grade 9 or grade 10 course requirements.

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Course #:	08016-II	Course Name:	Advanced Physical Education 12 (Adv. PE 2)
Credits:	1	Prerequisites:	None
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Students continue to learn and master and/or refine lifetime sports activities with emphasis on health and sports-related fitness, as they relate to attainment of a healthy lifestyle. Students may elect this course in grade 12. Students may not take this course in lieu of Health and Physical Education grade 9 or 10 requirement.		

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# Dickenson County Public Schools

## High School Course Descriptions

### CAREER & TECHNICAL EDUCATION COURSES AND CREDITS

D C P S  C A R E E R & T E C H  C O U R S E S	Grade 9 (new)	Foundations of Agriculture, Food & Natural Resources Electronics Systems Introduction to Marketing Cyber Security Fundamentals	
	Grade 10	Intro to Natural Resources & Ecology Marketing Culinary Arts I Automotive Technology I Drafting I AP Computer Science A*	Carpentry I Cosmetology I Welding I Auto Body Technology I Criminal Justice I Life Planning Sustainability & Renewable Technologies Technology of Robotic Design
	Grade 11  (new) (new)	Fisheries & Wildlife Management Forestry Management Greenhouse Plant Production and Mgt Agriculture Outdoor Parks and Tourism Marketing, Advanced Cosmetology II Culinary Arts II Nursing Aide (CNA) Automotive Technology II	Drafting II Carpentry II Welding II Auto Body Repair II Criminal Justice II Nutrition and Wellness DE Forestry Management
	Grade 12	Practical Nursing I & II Automotive Technology III Cosmetology III Culinary Arts III (Specialization) Drafting III Carpentry III Auto Body Repair III Criminal Justice III Medical Terminology I & II	Welding III Virginia Teachers for Tomorrow I Virginia Teachers for Tomorrow II Sports Entertainment & Recreation Marketing Travel and Tourism Marketing <u>HGS and Elite Dual Enrollment options:</u> DE Survey of Criminal Justice DE Survey of Criminology DE Engineering & Robotics DE Introduction to Engineering

# CAREER AND TECHNICAL EDUCATION

Course #:	DE10152-I	Course Name:	DE Introduction To Engineering Methods/Computer Programming (HGS)
Credits:	1 (weighted-1.0)	Prerequisites:	Algebra II, Teacher recommendation, minimum score on college placement math test
Grade Levels:	11, 12	Diploma:	Advanced
Career Cluster:	Science, Technology, Engineering and Mathematics		
Brief Description:	Students that successfully complete dual enrollment Introduction to Engineering Methods/Computer Programming will earn 6 hours of college credit through the local community college for Introduction to Engineering Methods (EGR 125) and Introduction to Computer Programming (EGR 127) in addition to high school credit for Introduction to Engineering Methods/Computer Programming. The level of rigor for this course is the same as at the college and follows a syllabus approved by the college. HGS courses are weighted.		

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Course #:	18001	Course Name:	Foundations of Agriculture, Food & Natural Resources (Ag I)
Credits:	1	Prerequisites:	None
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	Agriculture, Food & Natural Resources		
Brief Description:	This course (Ag I) is designed to develop competencies in each of the Career Clusters as they pertain to agricultural education, including the areas of Virginia's agriculture industry; the global scope of agriculture; scientific research concepts in plant, animal, and food science; principles of leadership and opportunities within student organizations; agribusiness and Supervised Agricultural Experience program opportunities; agricultural skills and safety in power, structural, and technical systems; and natural resources and environmental systems.		

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Course #:	18504	Course Name:	Introduction to Natural Resources & Ecology Systems
Credits:	1	Prerequisites:	None
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	Agriculture, Food & Natural Resources		
Brief Description:	This course serves as the introductory level course for the Natural Resources Career Cluster. Students will explore the study of natural resources and begin to develop skills and knowledge required for employment in occupations related to forestry, wildlife and natural resources management, and conservation.		

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Course #:	18501	Course Name:	Fisheries & Wildlife Management
Credits:	1	Prerequisites:	None
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Agriculture, Food & Natural Resources		
Brief Description:	The Fisheries and Wildlife Management course offers instruction in identification and management of wildlife and aquatics and of their habitats. Content addressing the issues related to endangered species and organizations that protect fisheries and wildlife is also included.		

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Course #:	18502-I	Course Name:	Forestry Management
Credits:	1	Prerequisites:	None
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Agriculture, Food & Natural Resources		
Brief Description:	This course will offer students instruction in the management of the forest as a resource and as a business. Students will develop knowledge in areas like tree physiology, forest ecology, silviculture, and the management and marketing of forest products. Strong emphasis is placed on developing career skills for the forestry industry as well.		

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Course #:	18502-II	Course Name:	Greenhouse Plant Production and Management
Credits:	1	Prerequisites:	None
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Agriculture, Food & Natural Resources		
Brief Description:	Students are taught the operating procedures for a greenhouse. Units of instruction include developing plant production facilities, science application in plant production, and identification of plants. Business management, leadership development, and marketing skills are emphasized to prepare students for careers in the greenhouse plant production and management industry.		

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Course #:	12160	Course Name:	Introduction to Marketing
Credits:	1	Prerequisites:	None
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	Marketing		
Brief Description:	This introductory course in marketing enables students to gain a basic understanding of marketing principles, technique, and career opportunities. Students will develop fundamental social, economic, mathematical, marketing, job search and decision-making skills necessary for successful initial employment in retail, wholesale, or service businesses.		

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Course #:	12152	Course Name:	Advanced Marketing
Credits:	1	Prerequisites:	Marketing
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Marketing		
Brief Description:	This is an upper-level class in marketing management providing students with an in-depth knowledge of marketing functions and the supervisory and management responsibilities for those functions. Students develop mid-management/supervisory skills to prepare for job advancement and/or college marketing/business management.		

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Course #:	16151	Course Name:	Travel and Tourism Marketing
Credits:	1	Prerequisites:	Marketing
Grade Levels:	12	Diploma:	Standard or Advanced
Career Cluster:	Marketing		
Brief Description:	In this course, students gain knowledge of the travel/tourism industry to include cruises, airlines, lodging, and car rental. They develop skills in the areas of communication, human relations, customer service, industry technology, and marketing. In addition, students obtain an understanding of the global nature of the industry, travel planning, and the career options available. Academic skills (mathematics, science, English, and history/social science) related to the content are a part of this course. Computer/technology applications supporting this course are studied.		

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Course #:	12163	Course Name:	Sports and Entertainment Marketing
Credits:	1	Prerequisites:	Marketing
Grade Levels:	12	Diploma:	Standard or Advanced
Career Cluster:	Hospitality and Tourism		
Brief Description:	This introductory course helps students develop a thorough understanding of fundamental marketing concepts and theories as they relate to the sports, entertainment, and recreation industries. Students will investigate the components of branding, sponsorships and endorsements, as well as promotion plans		

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needed for sports, entertainment and recreation events. The course also supports career development skills and explores career options. Academic skills (mathematics, science, English, and history/social science) related to the content are a part of this course.

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Course #:	19257	Course Name:	Life Planning
Credits:	1	Prerequisites:	none
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	Human Resources		
Brief Description:	Life Planning equips students with the skills to face the challenges in today's society. Students will develop a life-management plan which includes Developing Career, Community, and Life Connections; Applying Problem-Solving Processes to Life Situations; Creating and Maintaining Healthy Relationships; Developing Strategies for Lifelong Career Planning; Developing a Financial Plan; Examining Components of Individual and Family Wellness; and Demonstrating Leadership within the Community. Critical thinking and practical problem solving are emphasized through relevant life applications.		

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Course #:	19253	Course Name:	Nutrition and Wellness
Credits:	1	Prerequisites:	none
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	Human Resources		
Brief Description:	Students enrolled in Nutrition and Wellness focus on making choices that promote wellness and good health; analyzing relationships between psychological and social needs and food choices; choosing foods that promote wellness; obtaining and storing food for self and family; preparing and serving nutritious meals and snacks; selecting and using equipment for food preparation; and identifying strategies to promote optimal nutrition and wellness of society. Critical thinking, practical problem solving, and entrepreneurship opportunities within the area of nutrition and wellness are emphasized.		

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Course #:	16052-I	Course Name:	Culinary Arts I (2 blocks x 1 semester)
Credits:	2	Prerequisites:	None
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	Agriculture, Food & Natural Resources		
Brief Description:	The Culinary Arts I curriculum provides students with the foundations for a comprehensive knowledge of the food service industry and with opportunities to build technical skills. Students examine and practice basic rules and procedures related to kitchen and food safety, kitchen sanitation procedures, and emergency measures. Students explore the purchasing and receiving of goods and study fundamental nutritional principles and guidelines. As they explore food-preparation techniques, students practice applying these techniques to the preparation and serving of basic food products. The curriculum places a strong emphasis on science and mathematics knowledge and skills.		

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Course #:	16052-II	Course Name:	Culinary Arts II (2 blocks x 1 semester)
Credits:	2	Prerequisites:	Culinary Arts I
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Agriculture, Food & Natural Resources		
Brief Description:	Culinary Arts II provides students an opportunity to refine skills in serving, dining room management, and other skills learned in Culinary Arts I. Students prepare for occupations such as chef/cook, baker/pastry helper, pastry decorator, hospitality worker, dietetic aide/assistant, food demonstrator, and entrepreneur. Critical thinking, practical problem solving, and entrepreneurship opportunities within the field of culinary arts are emphasized. Teachers highlight the basic skills of mathematics, science and communication when appropriate in content.		

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Course #:	16053-III	Course Name:	Baking and Pastry Specialization
Credits:	2	Prerequisites:	Culinary Arts II
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Agriculture, Food & Natural Resources		
Brief Description:	The 3 <sup>rd</sup> level of Culinary Arts, Culinary Arts Specialization, provides students with continuing opportunities to obtain comprehensive knowledge of the food service industry as well as to expand their technical skills in a food service specialty. Students explore careers and refine their skills in implementing safety and sanitation standards, applying nutritional principles, planning menus, using business and math skills, and selecting and maintaining food service equipment. Students specialize in baking and pastry food preparation techniques.		

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Course #:	14052-I	Course Name:	Practical Nursing I (2 blocks x 1 semester-fall)
Credits:	2	Prerequisites:	Algebra I, biology I, chemistry I
Grade Levels:	12	Diploma:	Standard or Advanced
Career Cluster:	Health Science		
Brief Description:	This is part one (fall semester) of a two-part, full-year course. Students must also register for part two, Practical Nursing II for the spring semester. This course offers pre-clinical nursing instruction during the student's senior year of high school. Foundations of nursing including communication, anatomy and physiology, and medical math, are the main units of focus. Competency-based instruction provides students with the skills needed to provide basic bedside nursing care used for hospitalized, nursing home, and homebound patients.		

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Course #:	14052-II	Course Name:	Practical Nursing II (2 blocks x 1 semester-spring)
Credits:	2	Prerequisites:	Practical Nursing I
Grade Levels:	12	Diploma:	Standard or Advanced
Career Cluster:	Health Science		
Brief Description:	This is part two (spring semester) of a two-part, full-year course. Students must also register for part one, Practical Nursing I for the fall semester. This course offers preclinical nursing instruction during the student's senior year of high school. Foundations of nursing including communication, anatomy and physiology, and introduction to pharmacology, are the main units of focus. Competency-based instruction provides students with the skills needed to provide basic bedside nursing care used for hospitalized, nursing home, and homebound patients.		

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Course #:	14051	Course Name:	Nursing Aide (CNA) (2 blocks x 1 semester)
Credits:	2	Prerequisites:	Algebra I
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Health Science		
Brief Description:	CNA emphasizes the study of nursing occupations as related to the health care system. Students study normal growth and development, simple body structure and function, and medical terminology and are introduced to microbes and disease. They receive elementary skill training in patient-nursing assistant relationships; taking and recording of vital signs; cardiopulmonary resuscitation; and bathing, feeding, dressing, and transporting of patients in hospitals and nursing homes.		

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Course #:	21053	Course Name:	Sustainability & Renewable Technologies
Credits:	1	Prerequisites:	None
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	Agriculture, Food, and Natural Resources		
Brief Description:	This course explores issues that affect global citizens in the areas of <b>economics, culture, and the environment</b> . The course introduces students to the historic, economic, political, environmental, and cultural issues that impact the global community and its' future. Students will address issues affecting the health of our environment and explore solutions offered by sustainable agriculture, energy efficient building design, and renewable energy sources.		

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Course #:	21009	Course Name:	Technology of Robotic Design
Credits:	1	Prerequisites:	None
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	Science, Technology, Engineering and Mathematics		
Brief Description:	This course engages students in exploration of issues that affect global citizens in the areas of <b>economics, culture, and the environment</b> . The course introduces students to the historic, economic, political, environmental, and cultural issues that impact the global community and its' future. Students will address issues affecting the health of our environment and explore solutions offered by sustainable agriculture, energy efficient building design, and renewable energy sources.		
Course #:	17106	Course Name:	Electronics Systems
Credits:	1	Prerequisites:	None
Grade Levels:	9-12	Diploma:	Standard or Advanced
Career Cluster:	Science, Technology, Engineering and Mathematics-Technology Education		
Brief Description:	Electronic devices are everywhere in modern life and business, and, as a result, opportunities abound for any who should master the knowledge and skills required to design, alter, repair, and construct them. This course allows students the opportunity to explore principles of electricity, apply knowledge in mathematics and science, and conduct experiments with electronics. Students solve problems using simple electrical devices and circuits and build electronic projects using DC and AC devices and circuits.		
Course #:	20104-I	Course Name:	Automotive Technology I (1 block x 2 semesters)
Credits:	2	Prerequisites:	None
Grade Levels:	10, 11	Diploma:	Standard or Advanced
Career Cluster:	Transportation, Distribution, and Logistics		
Brief Description:	This course represents a large sampling of the competencies from National Automotive Technician's Education Foundation's CNATEF's Maintenance and Light Repair accredited program. Students are provided instruction in all systems as they prepare for the ASE (Automotive Service Excellence) Student Certification, "the first step in building a career as a service professional in the automotive industry."		
Course #:	20104-II	Course Name:	Automotive Technology II (2 blocks x 2 semesters)
Credits:	4 (parts A & B)	Prerequisites:	Automotive Technology I
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Transportation, Distribution, and Logistics		
Brief Description:	This course represents the advanced competencies from National Automotive Technician's Education Foundation's (CNATEF's) Maintenance and Light Repair accredited program without redundancy from the prerequisite course. Students are provided instruction in all systems as they prepare for the ASE (Automotive Service Excellence) Student Certification, "the first step in building a career as a service professional in the automotive industry." Successful completion of this course will result in program completion and prepare students to pass the equivalent NATEF student exam and ultimately attain certification.		
Course #:	20104-III	Course Name:	Automotive Technology III (2 blocks x 1 semester)
Credits:	2	Prerequisites:	Automotive Technology I & II
Grade Levels:	12	Diploma:	Standard or Advanced
Career Cluster:	Transportation, Distribution, and Logistics		
Brief Description:	This course is available for students who have completed the first two courses of Automotive Technology and attained program-completer status. The tasks for this capstone course represent the middle-tier standards of the National Automotive Technician's Education Foundation's (NATEF's) Automobile Service Technology accredited program. Students are provided instruction in all systems as they prepare for the ASE (Automotive Service Excellence) Student Certification, "the first step in building a career as a service professional in the automotive industry."		



Course #:	19101-I	Course Name:	Cosmetology I (1 blocks x 2 semesters)
Credits:	2	Prerequisites:	
Grade Levels:	10	Diploma:	Standard or Advanced
Career Cluster:	Human Services		
Brief Description:	In this introductory course, students study hair, skin, and nails and their related care. Students are grounded in theory as they prepare to practice procedures in a clinical lab setting or classroom, using manikins for manipulative skill practice. The first-year course emphasizes personal safety, professionalism, and sanitation and disinfection of equipment and facilities. Students develop skills in shampooing and conditioning hair, as well as styling and cutting hair. They are introduced to chemical texture services and develop skills in manicure and pedicure procedures.		

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Course #:	19101-II	Course Name:	Cosmetology II (2 blocks x 2 semesters)
Credits:	4	Prerequisites:	Cosmetology I
Grade Levels:	11	Diploma:	Standard or Advanced
Career Cluster:	Human Services		
Brief Description:	In this advanced course, students build on their theoretical foundation of general sciences and practices in cosmetology to increase proficiency in hair cutting and styling on live models, with attention to professionalism, client consultation, safety, and infection control. Students are trained in safe chemical processes related to permanent waves, relaxers, soft-curl permanent waves, lightening, and coloring hair. They also develop artistic skills with wigs and hair additions. In addition, students learn to care for skin, hands, and feet, developing experience in providing facials, manicures, pedicures, and nail enhancements. A business management unit focuses on managing the salon. Competency completion prepares the student for the Virginia State Licensing Exam. Students can combine classroom instruction and supervised on-the-job training in an approved position or internship with continuing supervision throughout the school year.		

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Course #:	19101-III	Course Name:	Cosmetology III (1 blocks x 2 semesters)
Credits:	2	Prerequisites:	Cosmetology II
Grade Levels:	12	Diploma:	Standard or Advanced
Career Cluster:	Human Services		
Brief Description:	In this 3 <sup>rd</sup> level course, students continue studies from Cosmetology II in preparation for the Virginia State Licensing Exam.		

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Course #:	21102-I	Course Name:	Drafting I (1 block x 1 semester)
Credits:	1	Prerequisites:	none
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	Architecture & Construction		
Brief Description:	Students explore drafting careers and are introduced to the theory and the manipulative skills necessary to produce and complete accurate drawings based on the ideas and sketches of engineers, architects, and designers. Students begin to focus on performing mechanical drafting and design operations, using CADD.		

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Course #:	21102-II	Course Name:	Drafting II (2 blocks x 1 semester)
Credits:	2	Prerequisites:	Drafting I
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Architecture & Construction		
Brief Description:	Students master the theory and manipulative skills necessary to produce complete and accurate drawings based on the ideas and sketches of engineers, architects, and designers. Students focus on performing mechanical drafting and design operations, using CADD, and exploring careers in drafting including industry certification options.		

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Course #:	21102-III	Course Name:	Drafting III (2 blocks x 1 semester)
Credits:	2	Prerequisites:	Drafting II
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Architecture & Construction		
Brief Description:	Students are taught the theory and the manipulative skills necessary to produce and complete accurate drawings based on the ideas and sketches of engineers, architects, and designers. Students focus on performing architectural drafting and design operations, using CADD, and exploring careers in drafting, including industry certification options.		

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Course #:	17003-I	Course Name:	Carpentry I (1 block x 1 semester)
Credits:	1	Prerequisites:	None
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	Architecture & Construction		
Brief Description:	Carpentry I introduces students to skills essential to success in the profession. Students use hand and power tools to cut stock; learn to read blueprints; build and install foundations, trusses, doors, windows, stairs, and finishes; and frame walls, floors, ceilings, roofs, decks, and porches.		

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Course #:	17003-II	Course Name:	Carpentry II (2 blocks x 1 semester)
Credits:	2	Prerequisites:	Carpentry I
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Architecture & Construction		
Brief Description:	Students study blueprints; build and install foundations, trusses, doors, windows, stairs, and finishes; and frame walls, floors, ceilings, roofs, decks, and porches. In addition, students are introduced to basic rigging, learn to estimate and select building materials, and install cabinets.		

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Course #:	17003-III	Course Name:	Carpentry III (2 blocks x 1 semester)
Credits:	2	Prerequisites:	Carpentry II
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Architecture & Construction		
Brief Description:	This course prepares students for success in the carpentry profession. Students use hand and power tools to cut stock; build and install foundations, trusses, doors, windows, stairs, and finishes; study blueprints; and frame walls, floors, ceilings, roofs, decks, and porches. In addition, students are introduced to basic rigging, learn to estimate and select building materials, and install cabinets.		

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Course #:	13207-I	Course Name:	Welding I (1 block x 2 semesters)
Credits:	2	Prerequisites:	None
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	Architecture & Construction		
Brief Description:	Students learn to use gases and electric arc processes to fabricate and weld metal parts according to diagrams, blueprints, and specifications. Students will also receive all safety-related practices and techniques including the OSHA 10 card.		

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Course #:	13207-II	Course Name:	Welding II (2 blocks x 2 semesters)
Credits:	4	Prerequisites:	Welding I
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Architecture & Construction		
Brief Description:	Students continue to apply the practices and techniques learned in Welding I using advanced welding techniques to fabricate and weld metal parts according to diagrams, blueprints, specifications, and industry certification.		

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Course #: 13207-III Course Name: Welding III (2 blocks x 1 semester)  
 Credits: 2 Prerequisites: Welding II  
 Grade Levels: 12 Diploma: Standard or Advanced  
 Career Cluster: Architecture & Construction  
 Brief Description: This capstone course in welding teaches the industry's emerging technologies, including exotic metals and their applications, and how to master gas tungsten arc welding (GTAW) and shielded metal arc welding (SMAW) pipe tests. Students are prepared to earn relevant industry credentials toward employment in production or manufacturing facilities.

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Course #: 20117-I Course Name: Auto Body Technology I (1 block x 2 semesters)  
 Credits: 2 Prerequisites: None  
 Grade Levels: 10, 11, 12 Diploma: Standard or Advanced  
 Career Cluster: Transportation, Distribution, and Logistics  
 Brief Description: In the global automotive repair industry, there is a growing demand for qualified auto body technicians. In this course, students are taught non-structural analysis, damage repair, and welding. Students work with a variety of materials, using metal finishing and body filling techniques to prepare surfaces and repair panels. In addition, students practice shop safety and gain career skills. Students who successfully complete this program sequence will be prepared to take and pass the respective ASE/NATEF exam and will be prepared for postsecondary education opportunities.

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Course #: 20117-II Course Name: Auto Body Technology II (2 blocks x 2 semesters)  
 Credits: 4 (Parts A & B) Prerequisites: Auto Body Technology I  
 Grade Levels: 11, 12 Diploma: Standard or Advanced  
 Career Cluster: Transportation, Distribution, and Logistics  
 Brief Description: In the global automotive repair industry there is a growing demand for qualified auto body technicians. In this course, students are taught to repair, mask, and refinish auto body components and entire vehicles. In addition, they use spray guns and personal safety equipment while applying undercoats and topcoats, working with a variety of materials, and gaining career skills. Students who successfully complete this program sequence will be prepared to take and pass the respective ASE/NATEF exam and will be prepared for postsecondary education opportunities.

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Course #: 20117-III Course Name: Auto Body Technology III (1 block x 2 semesters)  
 Credits: 2 Prerequisites: Auto Body Technology I & II  
 Grade Levels: 12 Diploma: Standard or Advanced  
 Career Cluster: Transportation, Distribution, and Logistics  
 Brief Description: This course allows students to further apply the tasks/competencies learned in Auto Body Technology I and II, including Structural Analysis Collision & Repair & Paint Refinishing. This course may also be used as a capstone course in which students may perfect their auto body skills and move toward employment in the industry. Students who successfully complete this program sequence will be prepared to take and pass the respective ASE/NATEF exam and will be prepared for postsecondary education opportunities.

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Course #: 15051-I Course Name: Criminal Justice I (1 block x 1 semester)  
 Credits: 1 Prerequisites: None  
 Grade Levels: 10, 11, 12 Diploma: Standard or Advanced  
 Career Cluster: Law, Public Safety & Security  
 Brief Description: This course is designed for students who are considering a career in criminal justice. The course prepares students for career opportunities within the criminal justice system as well as entrance into institutions of higher learning. Specific areas of training will be provided in criminal law and investigation, security training, communications, emergency response, crimes, search and seizures, arrests, crime prevention, court procedure, and police operations.

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Course #:	15051-II	Course Name:	Criminal Justice II (2 blocks x 1 semester)
Credits:	2	Prerequisites:	Criminal Justice I
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Law, Public Safety & Security		
Brief Description:	This course is an in-depth study of crime in America, United States' courts in action, and law enforcement efforts to deal with crime. The course will look into victimization, due process, and Constitutional laws affecting law enforcement as well as a review of sentencing offenders, parole, prison rehabilitation, and corrections of the 1990s.		

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Course #:	15051-III	Course Name:	Criminal Justice III (2 blocks x 1 semesters)
Credits:	2	Prerequisites:	Criminal Justice II
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	Law, Public Safety & Security		
Brief Description:	This course is an in-depth study of crime in America, United States' courts in action, and law enforcement efforts to deal with crime. The course will look into victimization, due process, and Constitutional laws affecting law enforcement as well as a review of sentencing offenders, parole, prison rehabilitation, and corrections of the 1990s.		

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Course #:	19151-I	Course Name:	Virginia Teachers for Tomorrow
Credits:	1	Prerequisites:	none
Grade Levels:	12	Diploma:	Standard or Advanced
Career Cluster:	Education & Training		
Brief Description:	Virginia Teachers for Tomorrow (VTfT) fosters student interest, understanding, and appreciation of the teaching profession and allows secondary students to explore careers in education. Students build a foundation for teaching; learn the history, structure and governance of teaching; apply professional teaching techniques in the VTfT classroom; and reflect on their teaching experiences. Additional educational leadership opportunities are offered through the student organization, Future Educators Association.		

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Course #:	19151-II	Course Name:	Virginia Teachers for Tomorrow II
Credits:	1	Prerequisites:	VTfT I
Grade Levels:	12	Diploma:	Standard or Advanced
Career Cluster:	Education & Training		
Brief Description:	Students continue to explore careers in the Education and Training Cluster and pathways. This course provides the opportunity for students to prepare for careers in education as they research postsecondary options, learn about the process of teacher certification in Virginia, and participate in a practicum experience.		

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Course #:	DE14154	Course Name:	DE Medical Terminology (HGS)
Credits:	6	Prerequisites:	
Grade Levels:	12	Diploma:	Standard or Advanced
Career Cluster:	Health Sciences including nursing		
Brief Description:	Provides an understanding of medical abbreviations and terms. Includes the study of prefixes, suffixes, word stems, and technical terms with emphasis on proper spelling, pronunciation, and usage. Emphasizes more complex skills and techniques in understanding medical terminology All Elite enrollment courses follow the 10-point college grading scale and are weighted in GPA calculation.		

Course #:	10302	Course Name:	Cybersecurity Fundamentals (Elite)
Credits:	1	Prerequisites:	none
Grade Levels:	9-12	Diploma:	Standard or Advanced
Career Cluster:	Information Support and Services		
Brief Description:	Cybersecurity affects every individual, organization, and nation. This course focuses on the evolving and all-pervasive technological environment with an emphasis on securing personal, organizational, and national information. Students will be introduced to the principles of cybersecurity, explore emerging technologies, examine threats and protective measures, and investigate the diverse high-skill, high-wage, and high-demand career opportunities in the field of cybersecurity.		

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Course #:	10109-IV	Course Name:	Advanced Cybersecurity Network Systems
Credits:	2	Prerequisites:	Cybersecurity Technology
Grade Levels:	11-12	Diploma:	Standard or Advanced
Career Cluster:	Information Support and Services		
Brief Description:	This advanced-level course prepares students for postsecondary education and careers in the rapidly growing field of cybersecurity. Students gain competitive skills required to administer, analyze, and secure applications, networks, and devices. Students perform threat analysis and participate in risk mitigation. Concepts include understanding threats, attacks, and vulnerabilities; exploring technology and tools; examining architecture and design; analyzing identity and access management; demonstrating risk management; and examining cryptography and public key management. Upon successful completion of this course, students may qualify for the CompTIA Security+ certification exam. Individuals with a Security+ credential are well-equipped to further develop their skills toward a CompTIA Cybersecurity Analyst (CSA+) credential.		

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Course #:	10109-III	Course Name:	Cybersecurity Systems Technology
Credits:	2	Prerequisites:	
Grade Levels:	10-11	Diploma:	Standard or Advanced
Career Cluster:	Information Support and Services		
Brief Description:	Students enter the world of computer technology and gain practical experience in assembling a computer system. Students will install, configure, and secure various operating systems. Students will troubleshoot computers and peripherals and use system tools and diagnostic software. They develop skills in computer networking and resource sharing. In addition, students explore the relationships between internal and external computer components. Upon successful completion of the course, students may qualify to take the CompTIA A+ certification exam.		

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# Dickenson County Public Schools

## High School Course Descriptions

### FINE ARTS COURSES AND CREDITS

<b>D C P S  F I N E  A R T S  C O U R S E S</b>	Grade 9	Art I Beginning Band
	Grade 10	Art I Art II Intermediate Band
	Grade 11	Art II Art III Advanced Band
	Grade 12	Art III Advanced Band  Students may also elect to take the following courses to meet the fine arts graduation requirement. <ul style="list-style-type: none"> <li>• Introduction to Theatre or Theatre II</li> <li>• Theatre Design and Technology</li> <li>• Creative Writing</li> <li>• DE Creative Writing</li> </ul>

**Fine Arts Required for Standard Diploma:** Minimum of 2 Units of Fine Arts or CTE is required.

**Fine Arts Required for Advanced Studies Diploma:** Minimum of 1 Unit Fine Arts or CTE is required.

## FINE ARTS

Course #:	05101-I	Course Name:	Marching Band
Credits:	1	Prerequisites:	None (Middle school band recommended)
Grade Levels:	9, 10, 11	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Students will begin instruction on a band or string instrument of their choice. Instruction begins at any grade level and continues until the skill levels are mastered. Students will demonstrate proper care of the instrument and will be familiar with the technology of the instrument. They will demonstrate basic positions, tone production, and fingerings, and will count, read, and perform the beginning level of music being studied (VBODA Solo Repertoire, Level 1-2). Teachers will use available standard method books to deliver instruction in either homogeneous or heterogeneous class settings with limited ensemble work.		

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Course #:	05101-II	Course Name:	Concert Band
Credits:	1	Prerequisites:	Beginning Band
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	In this course students will begin to use more articulations and bowings, perform scales and music in more difficult key signatures, demonstrate shifting and vibrato, and perform music at an intermediate level of difficulty (VBODA Solo Repertoire, Level 2-4). Ensemble skills will become more developed as students participate in band and orchestral settings. Students will describe concepts common to music and other disciplines, and will be involved in discussing various cultures, styles, composers, and historical periods		

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Course #:	05154-I	Course Name:	Art I/Art Foundations
Credits:	1	Prerequisites:	
Grade Levels:	9, 10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	This course introduces students to the foundational elements and principles of design to be used as a basis for the development of a common language both visual and verbal. It provides an overview of many aspects of art through a variety of experiences in drawing, painting, printmaking, and sculpture.		

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Course #:	05154-II	Course Name:	Art II/Intermediate
Credits:	1	Prerequisites:	Art I
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	This course provides students with the opportunity to build on the skills developed in Art I in the areas of drawing, painting, printmaking, and sculpture. An in-depth exploration of a variety of media allows students to develop a personal style and compile a portfolio.		

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Course #:	05154-III	Course Name:	Art III/Advanced Intermediate
Credits:	1	Prerequisites:	Art I & II
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	Students continue development of artistic & aesthetic skills learned in previous courses at a more advanced level with increased emphasis on personal expression & on use of a wider range of media in the areas of drawing, painting, printmaking, and sculpture. Students continue to develop their portfolios.		

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Course #:	05052	Course Name:	Introduction to Theatre
Credits:	1	Prerequisites:	None
Grade Levels:	10, 11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	This course enables students to survey theatre arts, experience and appreciate theatrical works and performances, and participate in the creative processes of producing and performing theatre. The course emphasizes foundational concepts, ensemble work, and skill development and provides theatrical opportunities for students to determine areas of personal interest.		

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Course #:	05059	Course Name:	Theatre II
Credits:	1	Prerequisites:	Intro to Theatre and teacher recommendation
Grade Levels:	11, 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	In this course students make use of and build upon the concepts learned and skills acquired in Theatre I. Through various modes of expression and performance, students expand their artistic abilities and appreciation of theatre arts.		

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Course #:	05056-I	Course Name:	Theatre Design and Technology
Credits:	1	Prerequisites:	None
Grade Levels:	9, 10, 11 and 12	Diploma:	Standard or Advanced
Career Cluster:	All		
Brief Description:	This course serves as an introduction to the technical aspects of the theatrical experience. Students explore the various physical needs of theatrical productions, including scenic construction, lighting, sound, costuming, and make up. Smaller projects focus on stage management and production design.		

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For more information about your course choices or your academic/career path, please talk with your school's guidance counselor.