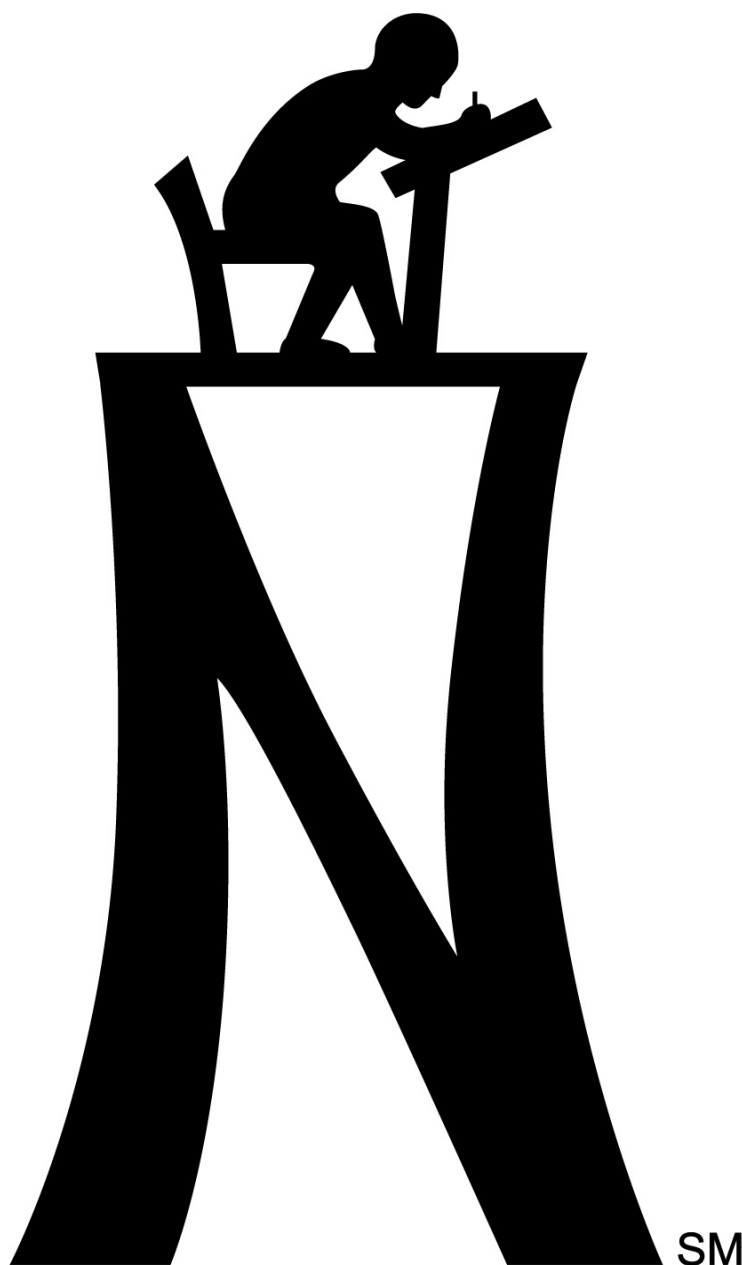


NISD High School Course Selection 2016-2017

Northside ISD: Texas Recognized District TEA Gold Star District for College Readiness



NORTHSIDE INDEPENDENT SCHOOL DISTRICT

Please be advised that this Course Catalog is contingent on future decisions of the Texas Education Agency, State Board of Education, Texas Legislature and/or Northside Independent School District. If changes occur the online catalog will be updated.

It is the policy of Northside Independent School District not to discriminate on the basis of age, race, religion, color, national origin, sex or handicap in its programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

EXPLANATION OF ABBREVIATIONS

PR: Prerequisite CR: Credit for Course

SEM: Semesters LC: Local Credit

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Using the Course Catalog

The High School Course Catalog provides course information following the required graduation plan as presented on page 3. Courses have been grouped by grade level.

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Northside I.S.D.

Building a College-Going Culture

Opening Your Door to College Credit

Students, while still in high school may sign up for advanced academic courses which may lead to college credit. Students should meet with their high school counselors or teachers to obtain more information about these courses and support services.

ADVANCED PLACEMENT

Students may earn college credit through the College Board AP Examinations which are offered in May of each year. There is a fee for each AP exam. Northside ISD pays a supplement for each AP test taken by students who are sitting in the AP courses. For assistance in paying for the test, talk with your counselor or teacher. AP course offerings may vary by campus. Look for descriptions of these **Advanced Placement** courses in the Course Catalog:

English Language Arts

- * English Lang. & Comp.
- * English Lit. & Comp.

Mathematics

- * Calculus AB
- * Calculus BC
- * Statistics
- * Computer Science A

Social Studies

- * U.S. Government and Politics
- * Human Geography
- * United States History
- * World History
- * Macroeconomics
- * Microeconomics
- * Psychology
- * European History

Fine Arts

- * Art
- * Music Theory
- * Art History

Science

- * Biology
- * Chemistry
- * Environmental Science
- * Physics

International Languages

- * French Language & Culture
- * Latin Language & Culture
- * Spanish Language & Culture
- * Spanish Literature & Culture
- * German Language & Culture

DUAL CREDIT

Students may earn both high school and college credits. Students may accrue from three to thirty hours of college credit depending on the courses. Students are enrolled in college early and are required to take a college placement test. Dual credit courses taken at the high schools are tuition free.

NORTHWEST VISTA COLLEGE

Dual Credit Academic Courses

Students take academic dual credit courses on their high school campus. These courses can vary by individual campuses and may be offered concurrently as Advanced Placement and Dual Credit.

English Language Arts

- * English III
- * English IV

Mathematics

- * Pre-Calculus
- * AP Calculus AB or BC
- * AP Statistics
- * College Algebra
- * Adv. Quantitative Reasoning

Social Studies

- * U.S. History
- * U.S. Government and Politics
- * Macroeconomics

Science

- * Biology
- * Environmental Science
- * Chemistry
- * Physics

International Languages

- * Spanish 3
- * French 3

Dual Credit Fine Arts Course

- * Art Appreciation

Dual Credit Computer Science Courses

- * Fundamentals of Computer Science PreAP/DC
- * Computer Science 2 AP/DC
- * Computer Science 3 H/DC

Dual Credit Career & Technology Courses

- * Principles of Information Technology
- * Digital & Interactive Media

NORTHWEST VISTA COLLEGE

Dual Credit Career & Technology Semester Courses

In the following dual credit courses students attend classes on the college campus. Northside ISD provides college textbooks and bus transportation as needed. Students are required to follow the college campus regulations, including the college calendar.

- * Introduction to Criminal Justice
- * Medical Terminology
- * Introduction to Pharmacy

ST. PHILIP'S COLLEGE

Two Year Dual Credit Academy Programs

Open to Juniors Only-Applications are required in the spring for fall enrollment.

***Alamo Area Aerospace Academy**- Aircraft Mechanics- Three hour courses; students attend classes on the St. Philip's SW Campus.

***Information Technology and Security Academy**-Computer Security-Three hour courses; students attend classes at the St. Philip's Advanced Technology Center.

***Manufacturing Technology Academy** -Diverse manufacturing -Three hour courses; students attend classes on the St. Philip's SW Campus

NISD Graduation Programs

Students beginning the ninth grade in 2014-2015 will take End of Course Tests. Graduation plan information pending State Board of Education and NISD Board of Trustee approval.

NISD Foundation Graduation Program

English

English I	1 credit
English II	1 credit
English III	1 credit
Advanced English Course	1 credit

Mathematics

Algebra I	1 credit
Geometry	1 credit
Advanced Mathematics Course	1 credit

Science

Biology	1 credit
IPC or Adv. Physical Science Course	1 credit
Advanced Science Course	1 credit

Social Studies

World Geography or World History	1 credit
U.S. History	1 credit
Economics	1/2 credit
United States Government	1/2 credit

Languages Other than English (LOTE)

Physical Education

Fine Arts

Health (Local requirement)

Communication Applications

(Local requirement)

Electives

22 credits

NISD Foundation Graduation Program with an Endorsement

English

English I	1 credit
English II	1 credit
English III	1 credit
Advanced English Course	1 credit

Mathematics

Algebra I	1 credit
*Algebra II or other Adv. Math Course	1 credit
Geometry	1 credit
Advanced Mathematics Course	1 credit

Science

Biology	1 credit
IPC or Adv. Physical Science Course	1 credit
Advanced Science Course	1 credit
Advanced Science Course	1 credit

Social Studies

World Geography or World History	1 credit
U.S. History	1 credit
Economics	1/2 credit
United States Government	1/2 credit

Languages Other than English (LOTE)

Physical Education

Fine Arts

Health (Local requirement)

Communication Applications

(Local requirement)

Electives

26 credits

* Algebra II is required to earn a distinguished level of achievement.

Students beginning the ninth grade in 2011-2012 or after will take End-of-Course Tests.

Students beginning the ninth grade before 2011-2012 will take TAKS Tests.

All NISD freshmen are placed on the state's 26-credit Recommended Graduation Program: In addition to the required credits, 2012-2013 Freshmen and Sophomores must take an End-of-Course Test in the core courses in which they are enrolled. Students who entered in 2010-2011 must take the TAKS Tests and must pass the 11th Grade Exit Level tests in order to graduate from high school in Texas. After consulting with a high school counselor, and given permission by the parent/guardian and campus principal, a student may elect to graduate under the Foundation Program with the required credits.

Recommended Program

English

Mathematics

*Algebra I, Geometry, Algebra II, & 4th Math 4 credits
(Math Models may only be taken before Algebra II)*

Science

*Biology, Chemistry, Physics & 4th Science .. 4 credits
Biology, IPC, Chemistry, Physics
(IPC may only be taken before Chemistry & Physics)*

Social Studies

*World Geography1 credit
World History1 credit
U.S. History1 credit
Economics1/2 credit
United States Government1/2 credit*

International Languages

(Must consist of two credits in the same language)

Communication Applications

Physical Education*

Health

Fine Arts

(Art, Band, Choir, Dance, Orchestra and Theater)

Electives

26 credits

** Distinguished Achievement Program

English

Mathematics

(Must include Algebra I, Geometry, Algebra II & 4th Math with Algebra II as a prerequisite)

Science

Biology, Chemistry, Physics, & 4th Science .. 4 credits

Social Studies

*World Geography1 credit
World History1 credit
US History1 credit
Economics1/2 credit
United States Government1/2 credit*

International Languages

(Must consist of three credits in the same language)

Communication Applications

Physical Education*

Health

Fine Arts

(Art, Band, Choir, Dance, Orchestra and Theater)

Electives

26 credits

***Northside Minimum Graduation Program

English

Mathematics

(Algebra I, Geometry, Math Models or Algebra II)

Science

(To include two credits from Biology and IPC... 2 credits)

Social Studies

*World Geography or World History1 credit
U.S. History1 credit
U.S. Government1/2 credit
Economics1/2 credit*

***Academic elective

(Social Studies and Science)

Physical Education*

Health

Communication Applications

Fine Arts

(Art, Band, Choir, Dance, Orchestra and Theater)

Electives

24 credits

* Students may substitute certain physical activities for the one required unit of physical education. Such substitutions are based on the physical activity involved in marching band and pep squad during the fall semester only; ROTC, and athletics.

** Students must complete four (4) advanced measures that require student performances that are equivalent to college or professional level work and are judged by external sources, i.e. Advanced Placement exam with score of 3 or higher, dual credit or Tech Prep with B or better with coherent sequence.

*** Students must be enrolled in appropriate core courses (ELA, Math, Science, & Social Studies) necessary to pass the Exit Level TAKS or End of Course Exams.

Please be advised that this Course Catalog is contingent on future decisions of the Texas Education Agency, the State Board of Education, and the Texas Legislature.

If changes occur the online catalog will be updated.

Northside ISD - The Endorsements (Subject to Change)

A student must complete the Foundation High School Program (22 credits), one additional math credit, one additional science credit, and two additional elective credits while completing the specific requirements of his/her selected endorsement. Distinguished Level of Achievement graduates must meet the Foundation Program and earn 4 Math credits including Algebra II, 4 Science credits, and at least 1 Endorsement.

STEM

Science, Technology, Engineering, & Math

Students may earn a STEM endorsement by selecting and completing the requirements from among these 4 options.

Note: Algebra II, Chemistry, and Physics are required for the STEM endorsement regardless of the option the student selects.

Option 1: Computer Science

Students take 4 computer science courses.

- Fundamentals of Computer Science Pre-AP/DC
- Computer Science 1 Pre-AP
- Computer Science 2 AP/DC
- Computer Science 3 H/DC

Option 2: CTE

Students earn four (4) CTE credits by taking at least two (2) courses in the same cluster that lead to a final course in the STEM cluster. At least one (1) of the courses must be an advanced CTE course (3rd year or higher course in a sequence).

Option 3: Math

Students take Algebra I, Geometry, and Algebra II AND two (2) of the following courses for which Algebra II is a prerequisite.

- AQR
- Pre-Calculus
- AP Calculus AB or BC
- AP Statistics
- AP Computer Science A
- Math ISM College Algebra
- College Prep Math (ISM Advanced Algebra 3)

Option 4: Science

Students take Biology, Chemistry, and Physics, AND two (2) of the following courses.

- AP Biology
- AP Capstone (Year 1-AP Seminar) BRANDEIS ONLY
- AP Chemistry
- AP Environmental Science
- AP Physics 1
- AP Physics 2
- AP Physics C
- Advanced Animal Science
- Advanced Plant & Soil Science
- Advanced Biotechnology
- Anatomy & Physiology
- Aquatic Science
- Astronomy
- Earth & Space Science
- Engineering Design & Problem Solving
- Environmental Systems
- Food Science
- Forensic Science
- Medical Microbiology/Pathophysiology (paired semester courses)
- Scientific Research & Design

Option 5: Combination

In addition to Algebra II, Chemistry, and Physics, a student may take a coherent sequence of three (3) additional credits from no more than two (2) options above. (STEM Options 1-4)

Business & Industry

Students may earn a Business & Industry endorsement by selecting and completing the requirements from among these 2 options.

Option 1: CTE

Students earn four (4) credits in a coherent sequence by taking at least two (2) courses in the same cluster. At least one (1) of the courses must be an advanced CTE course. (3rd year or higher course in the sequence).

Clusters include:

- Agriculture, Food, and Natural Resources
- Architecture and Construction
- Arts, Audio/Video Technology, and
- Communication
- Business Management and
- Administration
- Finance
- Hospitality and Tourism
- Information Technology
- Manufacturing
- Marketing
- Transportation, Distribution, and Logistics

Option 2: English

Students take four (4) English elective credits that include three levels in one of the following areas

- Advanced Journalism: Newspaper or Yearbook
- Debate

Public Services

Students may earn a Public Services endorsement by selecting and completing the requirements from among these 2 options.

Option 1: CTE

Students earn four (4) credits in a coherent sequence by taking at least two (2) courses in the same cluster. At least one (1) of the courses must be an advanced CTE course. (3rd year or higher course in the sequence).

- Education and Training
- Health Science
- Human Services
- Law, Public Safety, Corrections, and Security

Option 2: JROTC

Student takes four (4) JROTC courses for 4 credits.

Arts & Humanities

Students may earn an Arts & Humanities endorsement by selecting and completing the requirements from among these 4 options.

Option 1: Social Studies

Students take five (5) social studies credits.

Option 2: LOTE (Language other than English)

Students take four (4) levels of the same LOTE for 4 credits.

OR

Students take two (2) levels of one LOTE and two (2) levels of a different LOTE for 4 credits.

Option 3: Fine Arts

Students take four (4) courses in the same fine arts area for 4 credits

OR

Students take two (2) courses in one fine arts area and two (2) courses in a different fine arts area for 4 total credits.

Option 4: English

Students take four (4) elective credits selected from the following courses.

- English IV
- Independent Study (ISM) in English
- Literary Genres
- Creative Writing
- Research and Technical Writing
- Humanities
- AP English Literature & Comp
- Communication Applications

Multidisciplinary Studies

Students may earn a Multidisciplinary Studies endorsement by selecting and completing the requirements from among these 3 options.

Option 1: Four by Four (4 X 4)

Students take four (4) courses in each of the four core content areas.

- Four (4) English credits including English IV
- Four (4) math credits
- Four (4) science credits including biology and chemistry and/or physics
- Four (4) social studies credits

Option 2: AP and Dual

Students take four (4) credits in Advanced Placement or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts.

Option 3: Combination

Students take four advanced courses that prepare them to enter the workforce or postsecondary education without remediation from within one endorsement area or among endorsement areas not in a coherent sequence.

STAAR / END OF COURSE GUIDANCE FOR NISD STUDENTS, PARENTS, COUNSELORS AND TEACHERS

STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

(Mandated by the 81st Texas Legislature)

✓ Students entering 9th grade prior to 2011-2012 will take the Exit TAKS.

✓ Students entering 9th grade in 2011-2012 and beyond must take the End of Course (EOC) tests for the courses in which they are enrolled. This includes middle school students taking Algebra I.

EOCs Subject Areas

1. English I
2. English II
3. Algebra I
4. Biology
5. U.S. History

EOC Student Performance Levels

I. Unsatisfactory Academic Performance

- Performance in this category indicates that students are inadequately prepared for the next grade or course and do not demonstrate a sufficient understanding of the assessed knowledge and skills. Unsatisfactory refers to a score that is below Level II.

- Students who did not achieve a satisfactory score must retake the EOC test.

II. Satisfactory Academic Performance

- Performance in this category indicates that students are sufficiently prepared for the next grade or course and the ability to think critically and apply the assessed knowledge and skills in familiar contexts.

III. Advanced Academic Performance

- Performance in this category indicates that students are well-prepared for the next grade or course and the ability to think critically and apply the assessed knowledge and skills in varied contexts, both familiar and unfamiliar.

EOC Re-takes

- ✓ Retake tests will be administered three times a year:
 - End of fall semester
 - End of spring semester
 - Summer
- ✓ The student must retake an EOC test that does not meet Level II Satisfactory Score.

Accelerated Instruction

- ✓ Provided for any student who fails an EOC test.
- ✓ Provided at each high school to meet students' needs.

EOC Courses Taken in Middle School

- ✓ Middle school students are required to take the EOC for the high school course in which they are enrolled (Algebra I).

Student Transfers

- ✓ Student transfers include students who have transferred to NISD from:
 - Home schools
 - Out-of-district schools
 - Out-of-state schools
 - Out-of country schools

- ✓ Student transfers must take EOC tests for the courses in which they are enrolled for each core subject area.

Assessment for All Students

- ✓ STAAR for all!
- ✓ Serves the needs of students in Special Education
- ✓ Serves the needs of English language learners

Student Action Plan

- ✓ Stay informed about EOC practices and changes.
- ✓ Learn the grading policies and know your grades.
- ✓ Commit to making the highest 6/9 weeks' grade possible.
- ✓ Attend class every day.
- ✓ Determine your need for EOC re-takes.
- ✓ Re-take EOC tests As Soon As Possible.
- ✓ Communicate: Have ongoing conversations with your counselor, parents, and teachers.

Parent/Guardian Action Plan

- ✓ Stay informed about graduation requirements.
- ✓ Learn the grading policies and how to apply them to your child's grades.
- ✓ Use Parent Connection to keep track of your child's grades and EOC test scores.
www.nisd.net/parentconnection/
- ✓ Encourage your child to excel in all courses and attend class every day.
- ✓ Communicate: Have ongoing conversations with your child, your child's counselor, teachers, and academic dean.

Resources:

✓ Texas Education Agency

- <http://www.tea.state.tx.us/student.assessment/>
- <http://www.tea.state.tx.us/student.assessment/staar/>
- <http://www.tea.state.tx.us/student.assessment/special-ed/staarm/>
- <http://www.tea.state.tx.us/student.assessment/special-ed/staaralt/>

✓ Education Service Center Region 20

- http://www.esc20.net/default.aspx?name=ci_staar.Home

✓ Northside ISD STAAR website

- <http://nisd.net/testing-evaluation/about-staar>

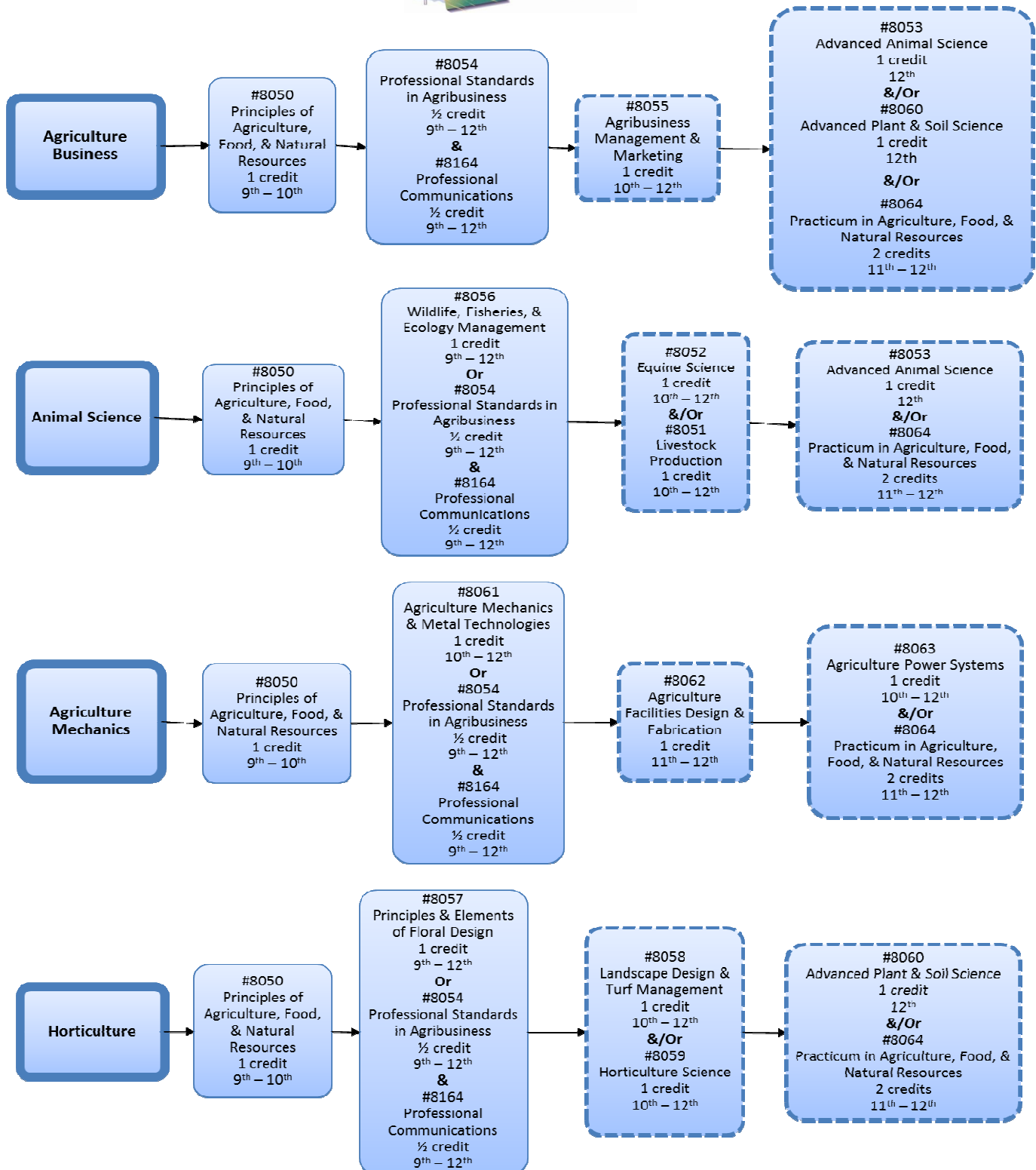
✓ Campus website

Course Sequences for NISD Career & Technology

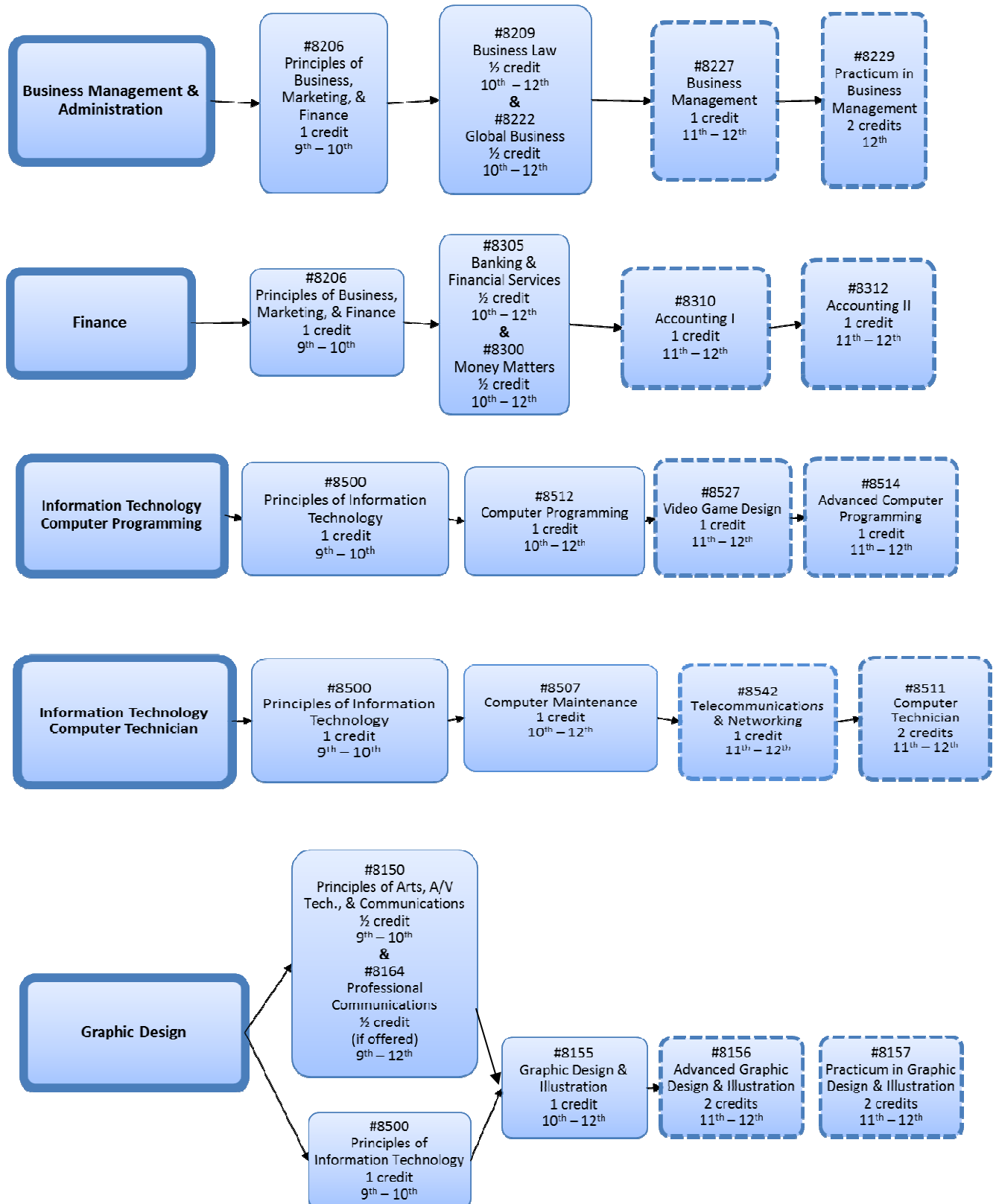
Endorsements

While all campuses offer all 5 Endorsements, not all Endorsement strands are offered on all campuses. If space is available, students may take courses as electives.

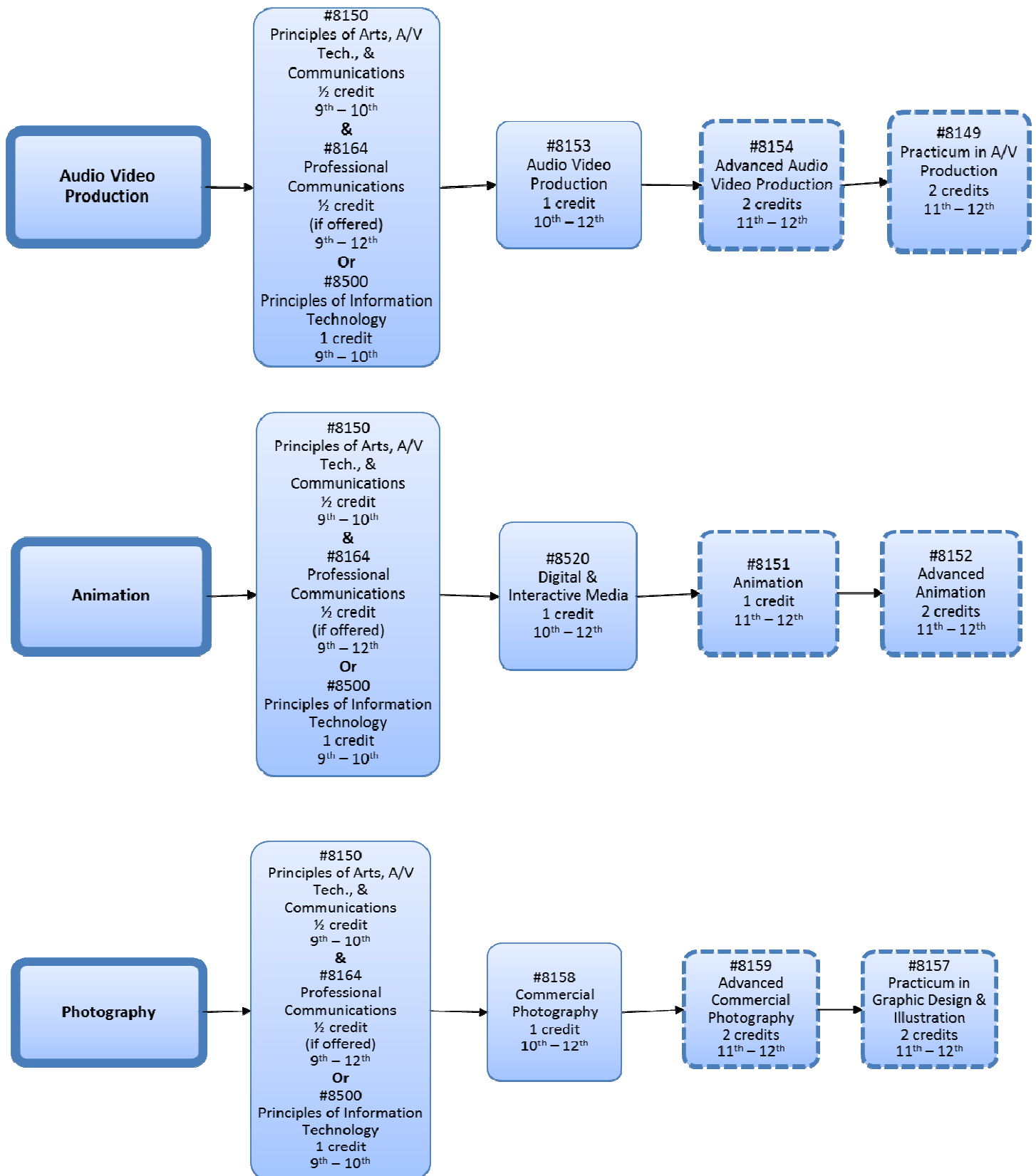
Business & Industry Endorsement



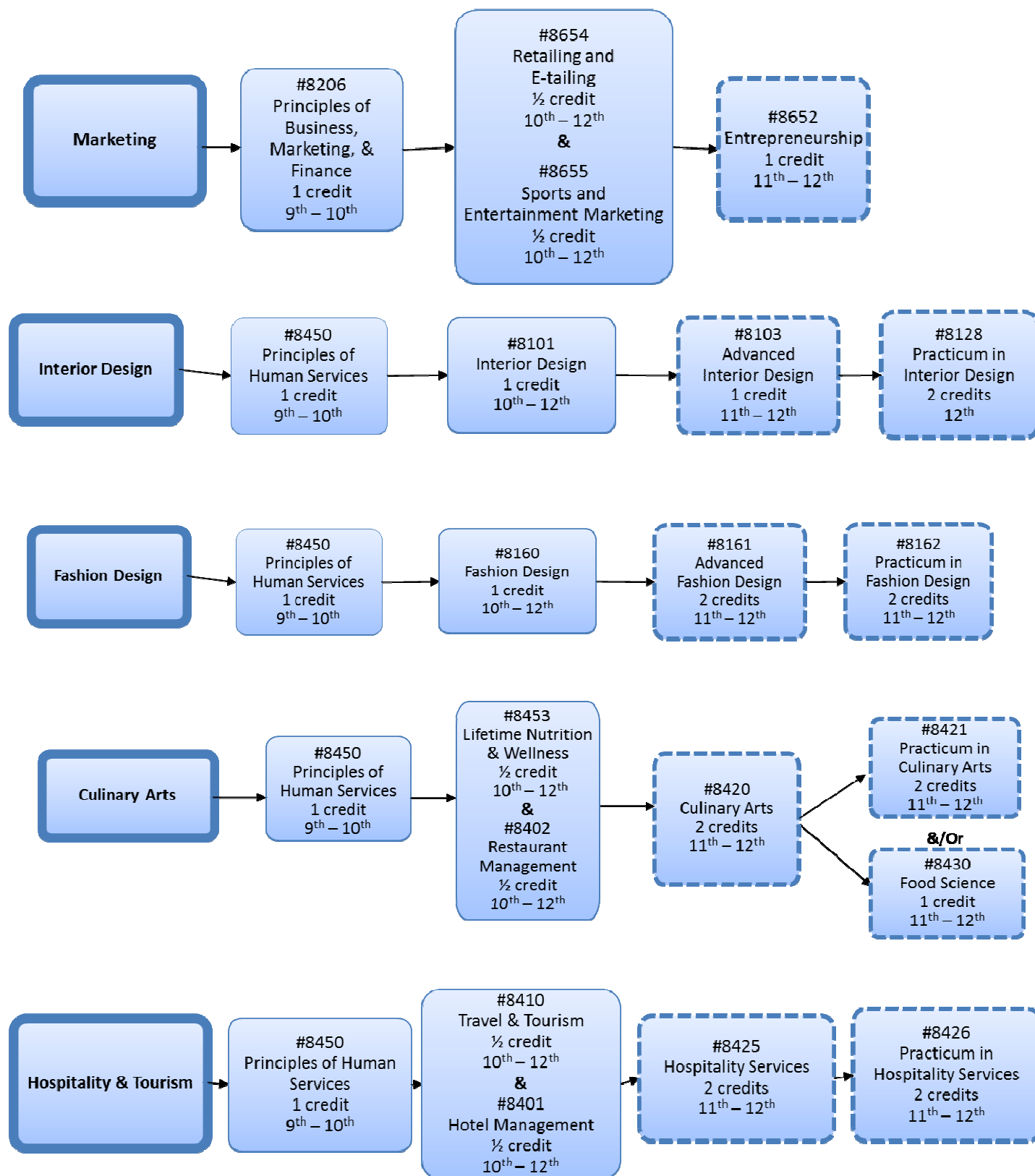
Business & Industry Endorsement



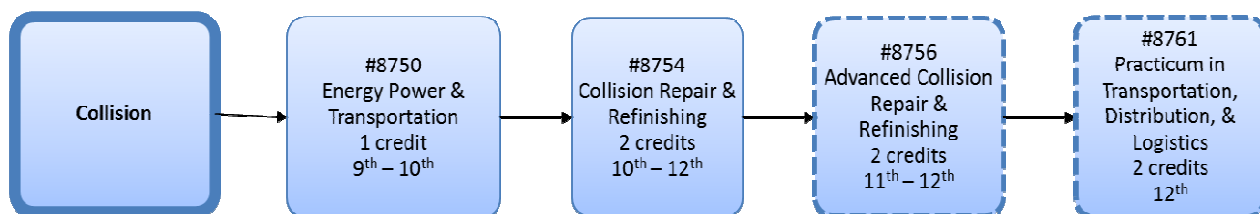
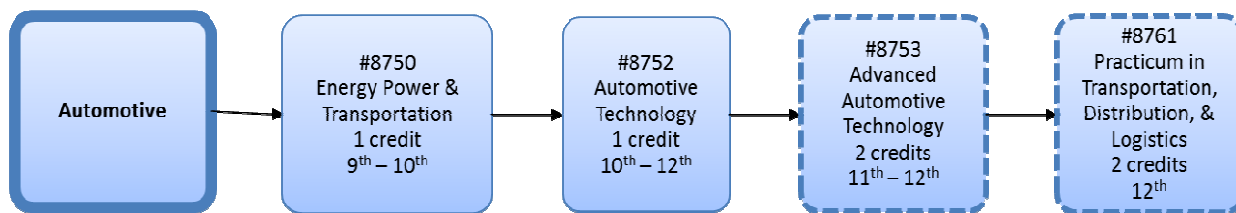
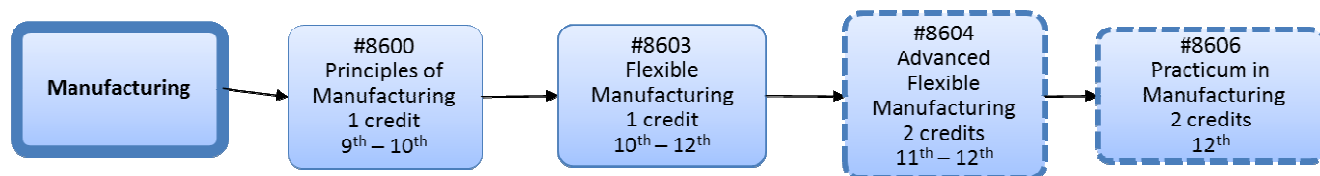
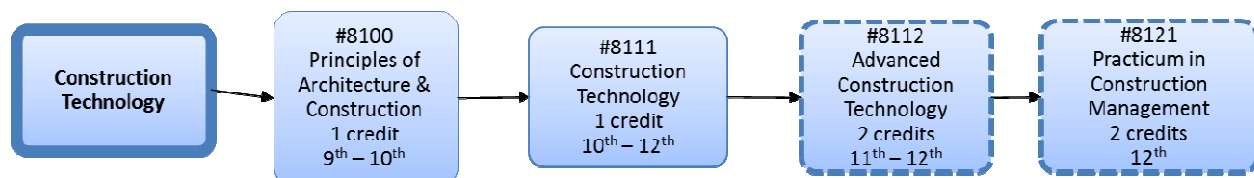
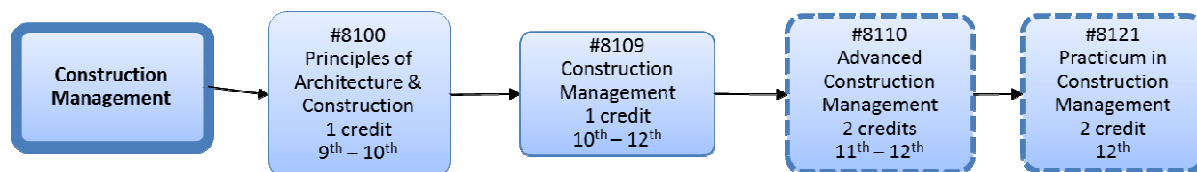
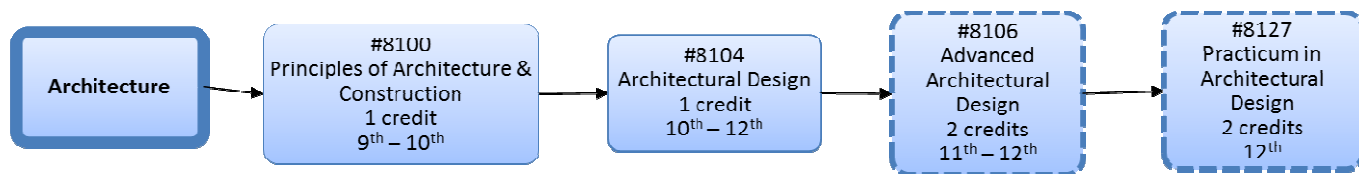
Business & Industry Endorsement



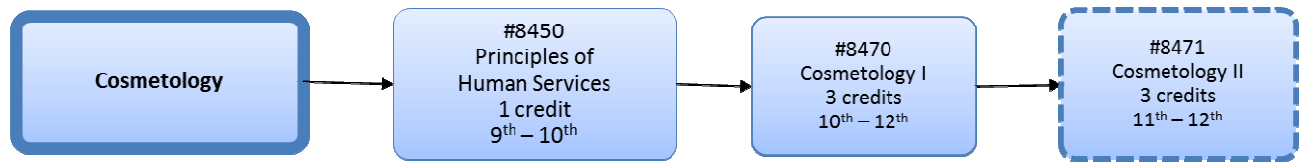
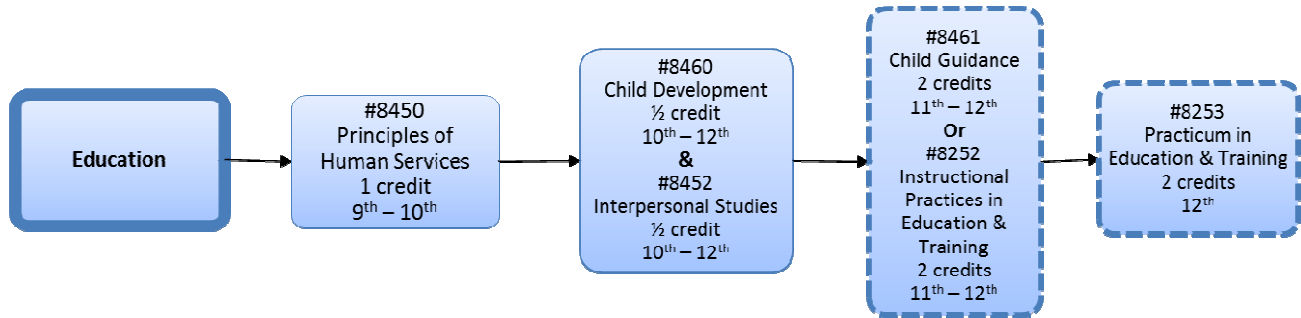
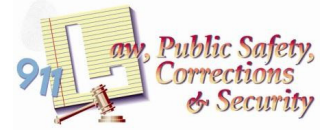
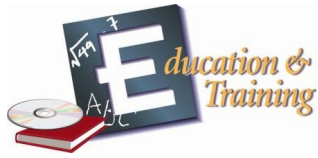
Business & Industry Endorsement



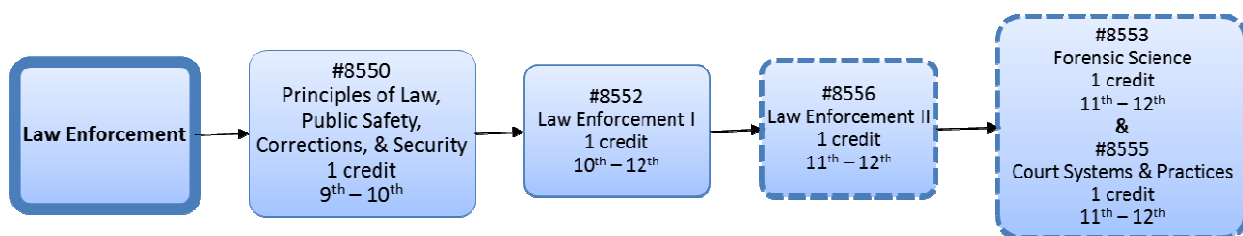
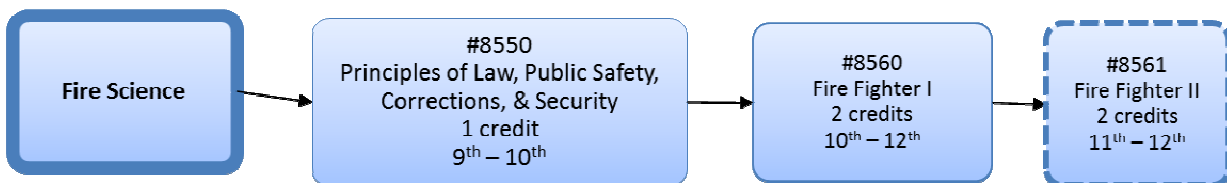
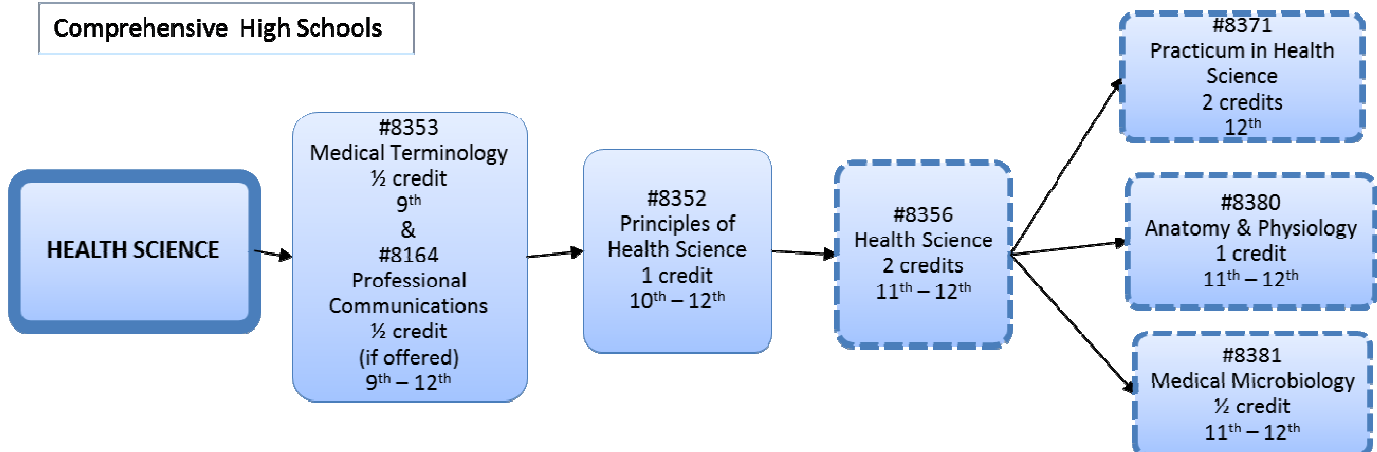
Business & Industry Endorsement



Public Services Endorsement

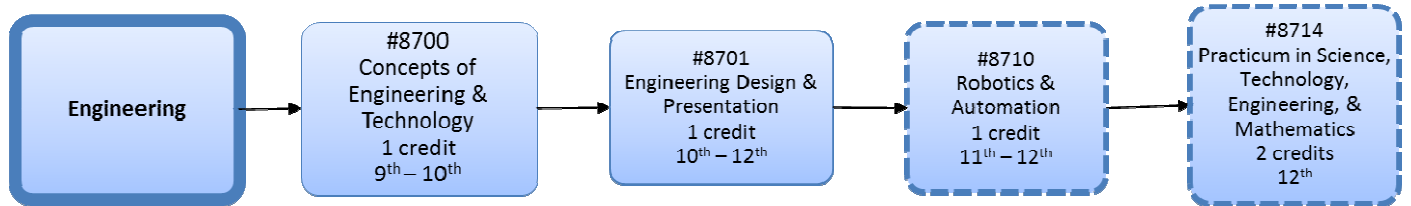


Comprehensive High Schools



Science, Technology, Engineering & Mathematics

STEM Endorsement



Course Descriptions

English Language Arts Journalism • Speech • Reading Core Courses

English I (9)

In English I, students will engage in activities that build on their prior knowledge and skills in order to strengthen their reading, writing, and oral language skills. Students will read and write on a daily basis.

SEM: 2 CR: 1

English I Pre-AP

English I Pre-AP is meant to provide a foundational course for students who intend to enroll in Advanced Placement English III and IV. The course offers a study of multiple genres and periods of literature, accompanies a variety of writing opportunities, vocabulary study, and higher level thinking skills and strategies from College Board. Instruction includes an introduction to key terms, skills, and strategies associated with rhetorical and literary analysis.

SEM: 2 CR: 1

English II (10)

English II reinforces study skills, library skills, language usage, composition methods, reading competence, literature appreciation, vocabulary enrichment, and effective test-taking techniques.

PR: English I SEM: 2 CR: 1

English II Pre-AP (10)

English II Pre-AP continues the foundational preparation for the upper level AP courses. Through a study of classic, Anglo/Saxon, Medieval, and Renaissance literature, students have multiple opportunities to develop and demonstrate their understanding of rhetorical and literary devices through close reading and analysis.

PR: English I or English I Pre-AP SEM: 2 CR: 1

English III (11)

English III consists of advanced language usage, written compositions, preparation for college entrance examinations through vocabulary development and test-taking techniques, a survey of American literature from 1607 to the present time, and advanced research skills applicable to a documented paper on an appropriate topic.

PR: English II SEM: 2 CR: 1

English IV (12)

English IV includes extensive composition and language practice, a study of the origins and growth of the English language through a survey of British literature, and the reading of other works by world masters from all periods.

PR: English III or English III AP SEM: 2 CR: 1

Advanced Placement Courses

English III Advanced Placement (11)

This course engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing.

SEM: 2 CR: 1

English IV Advanced Placement (12)

This course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone.

SEM: 2 CR: 1

English Electives

Creative Writing (10-12)

In this rigorous composition course, students will write poetry, fiction, non-fiction, and drama. They will demonstrate an understanding of the recursive nature of the writing process. Through reading, studying, and analyzing various literary forms and literary criticism, students will develop their versatility as writers.

PR: English I SEM: 1 CR: 1/2

Humanities (11-12)

This interdisciplinary course asks students to read widely in order to understand how various authors craft compositions for various aesthetic purposes. It includes the study of major historical and cultural movements and their relationship to literature and the other fine arts. All students are expected to participate in discussions and presentations that lead to an understanding, appreciation, and enjoyment of critical, creative achievements throughout history.

PR: English I and II SEM: 2 CR: 1

Literary Magazine Production (11-12)

Working within time constraints and budget limitations, students will develop skills in producing and publishing a creative writing anthology. Students will enhance their writing and editing skills. Students will participate in the selection and preparation of the literary magazine and will probably work in leadership positions.

PR: English I and II SEM: 1-2 CR: 1/2-1

Research and Technical Writing (11-12)

Students are expected to develop the skills necessary for writing persuasive and informative texts. They will skillfully research a variety of topics and present that information through a variety of media. In addition, students will evaluate their own writing as well as critically read the writing of others.

PR: English I and II SEM: 1-2 CR: 1/2-1

Literary Genres- Multicultural Literature (11-12)

Through the study of literature that reflects a particular people or social group, students will recognize how writers represent and reveal their cultures and traditions in texts. Students will also discover how well-written literary texts serve as models for their own writing.

PR: English I and II SEM: 1-2 CR: 1/2 -1

Literary Genres- Film (11-12)

Students will analyze a variety of literary texts and their film counterparts in order to compare and contrast author's purpose and a variety of other features of each genre. In addition, students are expected to read and view critically in order to evaluate a text or film.

PR: English I and II SEM: 1-2 CR: 1/2 -1

Literary Genres—Poetry (11-12)

Students will read and analyze poetry, focusing on how writers use poetic elements and form to create meaning. Using mentor texts from multiple literary time periods, students will study poets and their work to serve as models for their own writing. They will have the opportunity to respond to oral, written, and electronic text while connecting to and expanding their knowledge of poetry.

PR: Eng I and II SEM: 1-2 CR: 1/2 -1

Literary Genres—Science Fiction (11-12)

Students will read and analyze science fiction, from its origin in ancient texts to its popular presence in modern culture. Using mentor texts from time periods, students will study science fiction writers and their work to serve as models for their own writing. They will have the opportunity to respond to oral, written, and electronic text while connecting to and expanding their knowledge of the genre.

PR: Eng I and II SEM: 1-2 CR: 1/2 -1

Journalism Forum

Student journalists spend a day learning about mass communication career opportunities from such media professionals as photographers, reporters, news anchors, public relations directors, and others.

Literary Genres—Mythology (11-12)

Students will read and analyze classical mythology, focusing on its influence on contemporary literature and culture. They will have the opportunity to respond to oral, written, and electronic text while connecting to and expanding their knowledge of mythology.

PR: Eng I and II SEM: 1-2 CR: 1/2 -1

English IV College Prep (12)

This college preparatory course is designed for senior students who have passed English II EOC, but have not yet met ELA college-ready criteria. Upon successful completion of this course, the student may enter an entry-level college credit-bearing English course at partnering institutions without remediation. English IV College Prep includes extensive composition and language practice, with a focus on expository and persuasive writing, as well as inquiry and research. The literature component will be a survey of British literature.

PR: Eng III and Passing score on Eng II STAAR EOC SEM: 2 CR: 1

Visual Media Analysis and Production

Students will understand how media such as film, radio, Internet, television, magazines, and newspapers influence a society's behavior. Students will analyze all forms of media and film, as well as produce their own ads, commercials, screenplays, etc.

SEM: 1 CR: 1/2

Contemporary Media

Students will learn how media influences tastes, behaviors, purchasing and voting decisions. This course will explore the history and evolution of media used for mass communication. Students will analyze, create and evaluate visual and auditory messages.

SEM: 2 CR: 1

Journalism

Journalism I (9-12)

This course is designed to introduce students to the history of mass media and its role in contemporary society. Included are the study of the basic features of journalism and newspaper production, freedom and responsibility of the press, career opportunities in mass communications, and writing to fulfill a variety of assignments.

PR: "B" average in English SEM: 2 CR: 1

Advanced Journalism--Newspaper I, II, III (9-12)

Students develop and produce the school newspaper, and participate in advanced study of feature, column, editorial, and sports writing. Additionally, they learn the role of advertising in newspaper publication, how to define editorial policy, how to conduct interviews, and how to use other appropriate writing techniques. Students also learn current trends in format and publishing techniques, graphics, design, and layout considerations in publishing newspapers.

SEM: 2 CR: 1

Advanced Journalism Honors--Newspaper I, II, III (10-12)

Open to students in editorial/leadership roles, this is an advanced study of journalism, editorial management, and publication analysis, focusing on the newspaper or news-magazine.

SEM: 2 CR: 1

Advanced Journalism--Yearbook I, II, III (9-12)

Students develop and produce the school yearbook, taking responsibility for the merchandising and financial components of its production. Coursework includes an advanced study of feature, sports, headline and caption writing; the study of current trends in formats and techniques used in publishing; graphics, design, and layout considerations in publishing a yearbook; the printing process, and preparation of press-ready materials.

SEM: 2 CR: 1

Advanced Journalism Honors--Yearbook I, II, III (10-12)

Open to students in editorial/leadership roles, this is an advanced study of journalism, editorial management, and publication analysis, focusing on the school yearbook.

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Advanced Broadcast Journalism I, II, and III (10-12)

Students enrolled in this course apply and use their journalistic skills for a variety of purposes. Coursework includes learning the laws and ethical considerations that affect broadcast journalism; learning the role and function of broadcast journalism; critiquing and analyzing the significance of visual representations; and learning to create and produce a broadcast journalism product.

SEM: 2 CR: 1

Advanced Broadcast Journalism--Honors I, II, and III (10-12)

Open to students in editorial/leadership roles, this is an advanced study of broadcast journalism, program production management, and program analysis.

SEM: 2 CR: 1

Photojournalism I

This course includes the study of photographic composition; use of the camera; and photographic techniques such as framing, silhouette, and use of depth-of-field. Students must have daily access to a 35mm SLR camera for use in this class.

SEM: 2 CR: 1

Reading**Reading I (9-12)**

Reading I helps ninth through twelfth graders who are having considerable difficulty in reading. Students will learn study strategies, test-taking skills, and reading and writing processes necessary for handling a wide variety of materials, including school materials, work-related reading, and pleasure reading in self-selected texts. Students eligible for this class include those who meet any of the following criteria: students who fail to pass the reading objectives of the TAKS Reading or ELA tests, fail two or more content subjects, or are designated as at-risk. This course is designed to teach reading as a life skill as well as to encourage reading for recreation.

PR: Recommendations of counselor

SEM: 2 CR: 1

and/or reading specialists

Reading II (10-12)

Reading II helps tenth through twelfth graders who are still experiencing reading difficulty and need additional reading assistance **after** completing Reading I.

PR: Recommendations of counselor

SEM: 2 CR: 1

and/or reading specialists

Reading III (11-12)

Reading III helps those eleventh through twelfth graders who have completed Reading I and Reading II who still need additional help and support with their reading. These students may still be scoring low on state and district tests and experiencing difficulty in their school classes.

PR: Recommendations of counselor

SEM: 2 CR: 1

and/or reading specialists

Reading Development (Achieve 3000)

The Achieve 3000 Program is designed for students who need extra support in reading strategies, spelling, critical thinking, test-taking skills, and who enjoy using computerized modes of reading instruction. Comprehension skills and improved reading in the content areas are the course outcomes. This course is also designed to support identified students with dyslexia.

PR: Reading specialist and

SEM: 2 CR: 1/2

counselor recommendations

Speech**Communication Applications (9-12)**

(This course is a requirement for the graduation plan.) Students will identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations.

SEM: 1 CR: 1/2

Speech Electives**Debate I, II, III Honors (9-12)**

This course of study is designed to teach argumentation skills and the elements of debate. Students will become familiar with various debate formats, research skills, and effective presentations. They will learn to analyze topics and to support a point of view. Participation in UIL, TFL and/or National Speech and Debate competition is required.

SEM: 2 CR: 1

Oral Interpretation I, II, III (9-12)

Students will select, research, analyze, adapt, interpret, and perform literary texts as a communication art. This course involves oral interpretation of literature: prose, poetry, and drama. Competition events include extemporaneous speaking, oration, dramatic and humorous interpretation, and duet acting. Participation in UIL, TFL and/or NFL competition is required.

SEM: 2 CR: 1

Public Speaking I, II, III (9-12)

Students in this course will understand the concepts and skills necessary for public dialogue. It provides an in-depth analysis of communication and rhetoric through the study of famous speeches, propaganda, mass media, mock trials, and logic.

SEM: 2 CR: 1

Independent Study: Speech Honors

This course focuses on research and development of higher-level thinking skills concerning historical, political, social, and economic questions similar to those introduced to students in Debate I, II, and III. The depth of research and study, the intensity of exploration, and the polish of oral presentation will be such as to demonstrate superlative control and execution of speech skills.

PR: Debate I, II, II

SEM: 2 CR: 1

Speech credit may be awarded for other elective courses based on teacher certification. See counselor for campus options.

ESOL**English ESL (9-12)**

This course is designed for students who are at a beginning level of English proficiency. Instruction emphasizes an integrated language arts approach to strengthening oral and written language skills in social as well as academic English. The teacher also clarifies key concepts and academic vocabulary from the students' other content areas.

PR: LPAC Approval

SEM: 1-2 CR: 1/2-1 local credit

English I SOL (9-12)

This course may be substituted for English I for immigrant students with limited English proficiency only. The course incorporates both second language acquisition essential knowledge and skills and English language arts essential knowledge and skills.

PR: LPAC Approval

SEM: 2 CR: 1 state credit

English II SOL (10-12)

This course may be substituted for English II for immigrant students with limited English proficiency only. The course incorporates both second language acquisition essential knowledge and skills and English language arts essential knowledge and skills.

PR: LPAC Approval

SEM: 2 CR: 1 state credit

Academic Decathlon**Academic Decathlon/Humanities I, II, III Honors (9-12)**

These Humanities courses are designed to prepare students for the Academic Decathlon Contest. The purposes are to develop a greater respect for knowledge, to develop lifetime skills in speech and interview, to gain a better appreciation for music and art, and to promote wholesome competition in academic areas of study. The contest includes six tests of academic strength, speech, essay, and interview. Team members will receive honors credit for this course.

PR: Teacher Approval

SEM: 2 CR: 1

Academic Decathlon/Public Speaking I, II, III Honors (9-12)

These Public Speaking courses are designed to prepare students for the Academic Decathlon Contest. The purposes are to develop a greater respect for knowledge, to develop lifetime skills in speech and interview, to gain a better appreciation for music and art, and to promote wholesome competition in academic areas of study. The contest includes six tests of academic strength, speech, essay, and interview. Team members will receive honors credit for this course.

PR: Teacher Approval

SEM: 2 CR: 1

Senior Seminar (12)

This is a college transition course. Students examine numerous research-based learning strategies that are proven to lead to academic success such as goal-setting, effective time management, handling stress, note-taking, active reading, test-taking strategies, and conducting research.

SEM: 2 CR: 1

Gifted and Enrichment**(Advanced Learning Programs for High Achievers) (ALPHA)****Independent Study Mentorship (ISM)****Honors (11-12)**

This course is open to eleventh and twelfth grade students in the Gifted and Talented Program and those who are in honors/preAP classes. ISM students conduct comprehensive research resulting in an original product or performance. Students may choose to work in any content area. They seek guidance from a professional mentor(s) in the process of designing their research and producing their product. Students learn task commitment and time management as prerequisites to completing successful projects. Productive questioning strategies, critical thinking, time management, and techniques for performing high-level research are taught in this course. Students needing Communication Applications credit may receive it with this course.

PR: Junior or senior, honors or GT

Personal transportation to mentoring sites;

Honors level work

SEM: 2 to 4

Application approval required.

CR: Consult GT teach

GT Student Leadership Honors

This Honors course is designed for freshman or sophomore students who are in the Gifted and Talented Program. Students will have an opportunity to study, practice, and develop group and individual leadership and organization skills. These skills include, but are not limited to, decision-making skills, problem-solving techniques, communication skills, leadership roles, human relation skills and understanding the need for civic responsibility. Students also are provided opportunities to explore future college options and to prepare for the PSAT. This course is a hands-on, lab-oriented approach to leadership and college preparation. Students may participate in the NEFE Financial Literacy Program and two Jr. Achievement programs. They will also leave the class with a beginning resume in hand and will receive Communication Applications credit.

PR: Enrollment in GT Program required SEM: 2 CR: 1 Honors

GT Leadership II

GT Leadership II is a semester elective class open to all identified 10th and 11th grade students. This semester course can be blocked with Health or Speech Communication Application. Students will be taught by the Gifted Specialist for the GT Leadership II portion of the year. In GT Leadership II, students will be provided opportunities to develop and implement their own community service project. Students will work on research skills as well as continue to improve their verbal and non-verbal communication skills throughout the year through service learning.

PR: Consult GT Teacher

SEM: 1 to 2 CR: 1 Honors

Mathematics

Applied Mathematics (9-12)

Applied Mathematics 1-4 are locally-developed courses offered for local credit to students receiving special education services with a focus on basic mathematical skills necessary for employment and independent living. Topics include money skills, banking, consumer skills, housing concerns, transportation, and recreation issues. CR: LC

Algebra I (9-12)

The purpose of this course is to provide a foundation for students to solve problems using functions, symbolic reasoning and mathematical modeling. The student will investigate real numbers, linear equations and inequalities as well as linear, quadratic and exponential functions. This course provides a foundation for upper level mathematics courses.

PR: 8th grade math SEM: 2 CR: 1

Algebra I Pre-AP (9)

This course is designed to include all the Algebra I NISD Standards and TEKS with an emphasis on complex problem-solving. This will build a foundation for success in AP Calculus and AP Statistics.

PR: 8th grade math SEM: 2 CR: 1

Geometry (9-12)

This course includes plane and solid geometry, coordinate geometry, and transformational geometry. It provides the study of traditional and non-traditional proofs, transformations, similarities, coordinate geometry, area, and volume. Geometry is a required course for high school graduation.

PR: Algebra I SEM: 2 CR: 1

Geometry Pre-AP (9-12)

This course provides an enriched geometry program with a greater emphasis on logical reasoning, higher order thinking skills, and problem solving. All topics and credits given for Geometry above apply to this course. Most students will have completed Algebra I Pre-AP prior to enrolling in Geometry Pre-AP.

PR: Algebra I SEM: 2 CR: 1

Algebra II (9-12)

The purpose of this course is to extend the concepts and skills developed in Algebra I. Students will explore families of functions and their related transformations, equations and associated solutions. Students will use real-world data and technology to solve problems using these mathematical models.

PR: Algebra I SEM: 2 CR: 1

Algebra II Pre-AP (9-12)

This course provides an enriched course in Algebra II. It emphasizes higher order thinking skills, problem solving, and preparation for higher levels of mathematics and related fields. Most Algebra II Pre-AP students successfully completed Geometry Pre-AP.

PR: Algebra I SEM: 2 CR: 1

College Prep Math (Independent Study Mathematics--Advanced Algebra 3) (12th)

The purpose of this course is to reinforce and build upon algebra topics to prepare the student for college readiness. This course is a blend of Elementary and Intermediate Algebra which will prepare the student for success in a college-entry math course, such as College Algebra. The coursework requires students to be proficient both with and without the calculator.

PR: Algebra II

Mathematical Models with Applications (10-12)

In this course, students use mathematical methods to model and solve real-life applied problems involving money, data, probability and statistics, patterns, music, art, and science. Students use a variety of tools including technology to solve problems and model purely mathematical concepts. Algebra 1 and Geometry concepts are reinforced in this class.

PR: Algebra I SEM: 2 CR: 1

Precalculus (10-12)

The purpose of this course is to explore many advanced mathematical models which are often used in science, engineering, and other career fields. Topics include: properties and graphs of trigonometric and circular functions and their applications; properties and graphs of special functions; higher degree polynomial functions, sequences and series.

PR: Algebra II SEM: 2 CR: 1

Precalculus Pre-AP (10-12)

The purpose of this course is to prepare students for careers in math, science, engineering, and other fields and to provide a foundation for higher level math courses. Topics include: exponential and logarithmic functions, trigonometric and circular functions, vectors, complex numbers, sequences, and series. This course combines trigonometry, analytic geometry, and elementary analysis. Most Precalculus Pre-AP students successfully complete Algebra II Pre-AP.

PR: Algebra II SEM: 2 CR: 1

Advanced Quantitative Reasoning (11-12)

AQR is an engaging and rigorous project-based course that prepares students for a range of future options in non-mathematical college majors or for entering workforce training programs. The course emphasizes statistics and financial applications, and it prepares students to use algebra, geometry, trigonometry, and discrete mathematics to model a range of situations and solve problems.

PR: Algebra II SEM: 2 CR: 1

Independent Study Mathematics—College Algebra (11-12)

This course includes the study of quadratics, polynomial, rational, logarithmic, and exponential functions, systems of equations, progressions, sequences and series, and matrices and determinants.

PR: Algebra II SEM: 2 CR: 1

Advanced Placement Courses

AP Computer Science I (9-12) (T) or (Math)

This AP computer science course prepares students for the College Board Advanced Placement exam. Students who score 3 or higher on this exam may receive college credit. The programming topics listed for Computer Science Honors are taught as well as others prescribed by the College Board. This course meets the technology requirement for graduation.

PR: Algebra I and Geometry SEM: 2 CR: 1

AP Calculus AB (11-12)

This course is a rigorous college-level calculus course leading to the College Board Advanced Placement AB Calculus Exam and to possible college credit for one semester. Topics include: concepts and skills of limit, differentiation, integration, and applications of calculus.

PR: Precalculus SEM: 2 CR: 1

AP Calculus BC (11-12)

Calculus AP BC is equivalent to two full semesters of college calculus. Students may earn this college credit by scoring 3 or higher on the Advanced Calculus BC examination. In addition to the material covered in Calculus AB, the BC course includes concepts and applications of polar, vectors, sequences and series.

PR: Precalculus SEM: 2 CR: 1

AP Statistics

The purpose of the Advanced Placement Statistics course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data, Planning a Study, Anticipating Patterns, and Statistical Inference. Students who successfully complete the course and examination may receive Credit and/or advanced placement for a one-semester introductory college statistics course.

PR: Algebra II SEM: 2 CR: 1

Science

Core Science Courses

Grade 8 Science STAAR achievement and middle school science course grades will be considered in determining freshman science placement.

Applied Science (9-12)

Applied Science 1-4 are locally-developed courses offered for local credit to students receiving special education services which include biology, personal health, geology and physical science. Topics focus on essential health issues and scientific concepts which are necessary for employment and independent living, such as: personal safety, physical and psychological needs, first aid, diseases and prevention, self-advocacy, genetics, ecology, body systems, classification systems, household chemistry, and energy. CR: LC

Biology (9)

Students study a variety of topics that includes structures and functions of cells and viruses; growth and development of cells; cells, tissues and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment. The State of Texas Assessment of Academic Readiness (STAAR) exam will be administered at the end of this course.

(Minimum 40% lab) PR: None SEM: 2 CR: 1

Biology Pre-AP (9)

Students in this advanced course investigate the same topics as the Biology course, enriched with higher level content and investigations to prepare for the AP Biology course. (Minimum 40% lab)

PR: None SEM: 2 CR: 1

Integrated Physics and Chemistry (IPC) (9-10)

Students study the concepts in physics including force, motion, and energy and in chemistry including properties and changes of matter. Instruction will include laboratory and field investigations using scientific methods, critical thinking and problem solving. IPC is usually taken after Biology and before Chemistry or Physics. (Minimum 40% lab)

PR: None SEM: 2 CR: 1

Chemistry (10-12)

Students study a variety of topics that includes characteristics and changes of matter, use of the periodic table, the development of atomic theory, chemical bonding, stoichiometry, gas laws, solutions, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives. (Minimum 40% lab)

PR: Algebra I, Biology, concurrent enrollment in a second math course SEM: 2 CR: 1

Chemistry Pre-AP (10-12)

Students in this advanced course investigate the same topics as Chemistry, enriched with higher level content and lab investigations to prepare for the AP Chemistry course. (Minimum 40% lab)

PR: Algebra I, Biology, concurrent enrollment in a second math course SEM: 2 CR: 1

Check Deadlines Required to Apply for Dual Credit Courses.

Physics (11-12)

Students study a variety of topics that includes the laws of motion; changes within physical systems; conservation of momentum and energy; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear and quantum physics. (Minimum 40% lab)

PR: Biology; Algebra I and concurrent enrollment in a second math course) SEM: 2 CR: 1

Check the Career & Technology Education Section on pages 28 for additional courses that grant science credit.

Anatomy and Physiology (11-12)

Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. This is a Career Technology Education course that awards science elective credit. (Minimum 40% lab)

PR: 3 credits of Science SEM: 1 Science CR: 1

Aquatic Science (11-12)

Students study the interactions of biotic and abiotic components in a variety of aquatic systems, including impacts on fresh and marine aquatic systems. (Minimum 40% lab)

PR: Biology and Chemistry (Chemistry may be taken concurrently) SEM: 2 CR: 1

Astronomy (11-12)

Students conduct observations of the sky and study astronomy in civilization, patterns and objects in the sky, our place in space, the moon, reasons for the seasons, planets, the sun, stars, galaxies, cosmology, and space exploration within a conceptual framework.

PR: Biology plus one year of a physical science (IPC, Chemistry or Physics) which may be taken concurrently" SEM: 2 CR: 1

Environmental Systems (11-12)

Students study a variety of topics that include: biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, and changes in environments. (Minimum 40% lab)

PR: Biology and one year of physical science (IPC, Chemistry, or Physics) SEM: 2 CR: 1

Earth and Space Science (11-12)

This capstone course builds on students' prior scientific and academic knowledge and skills. It takes an Earth systems approach to the themes of Earth in space and time, solid Earth, and fluid Earth. These topics will be studied through three strands—systems, energy, and relevance. The adopted textbook is at the introductory college level. (Minimum 40% lab)

PR: Biology, Chemistry, Physics (One of these may be taken concurrently.) Algebra I and Geometry plus a third math may be taken concurrently. SEM: 2 CR: 1

Medical Microbiology (11-12)

Students explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases.

PR: 3 credits of Science SEM: 1 Science CR: 1/2

Pathophysiology (11-12)

Focuses on disease processes and how they affect humans, as well as prevention and treatment of disease. Students will differentiate between normal and abnormal physiology. Students will conduct laboratory and field investigations using scientific methods, critical thinking and scientific problem solving.

PR: 3 credits of Science SEM: 1 Science CR: 1/2

Advanced Placement Courses

AP Biology (11-12)

This is a rigorous college level course organized around the underlying concepts that govern biological systems: evolution and the diversity of life, energy and homeostasis, storage and transmission of information and the interaction of biological systems. This course includes the lab science practices designated by the College Board. Students prepare to take the AP Biology exam in May. Students successful in this course have likely completed Biology, Chemistry, Algebra I and Geometry. Physics and Algebra II may be taken concurrently.

SEM: 2 CR: 1

AP Capstone (Year 1-AP Seminar) (10-11) Brandeis Only

Developed at the request of College Board Higher Education membership, the AP Capstone program is built on the foundation of two new AP courses – AP Seminar and AP Research – and is designed to complement and enhance the in-depth, discipline-specific study provided through other AP courses. In *AP Seminar*, students investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop valid evidence-based arguments. In AP Capstone Year 2, these students will enroll in AP Research. Students earn the AP Capstone diploma by both completing coursework (AP Seminar and AP Research) and AP exams (scoring three or higher on these two AP exams, as well as on four additional AP exams of their choosing). The Capstone Diploma™ signifies their outstanding academic achievement attainment of college-level academic and research skills.

PR: PreAP experience" SEM: 2 CR: 1, Speech 1/2

AP Chemistry (11-12)

This is a rigorous college course organized around the underlying concepts that govern chemical systems: atomic theory, the forces within matter, changes of matter, kinetic molecular theory, thermodynamics and equilibria. This course includes the lab science practices designated by the College Board. Students prepare to take the AP Chemistry exam in May. Students successful in this course have likely completed Biology, Chemistry, Algebra I, and Geometry. Algebra II and Physics may be taken concurrently.

SEM: 2 CR: 1

AP Environmental Science (11-12)

This course is a rigorous, college-level study of environmental topics including the interdependence of Earth's systems; human populations dynamics; renewable and nonrenewable resources, environmental quality; global changes and their consequences; and environmental decision-making. The course also includes the strong lab component designated by the College Board. Students will prepare to take the AP Environmental Science Exam in May.

PR: Biology, Chemistry SEM: 2 CR: 1

AP Physics 1 (11-12)

AP Physics 1 replaced PreAP Physics. AP Physics 1 and AP Physics 2 are each one-year courses. Students in AP Physics 1 will study kinematics, Newton's laws, circular and rotational motion, universal gravitation, harmonic motion, impulse, momentum, collisions, work, energy, electrostatics, DC circuits, and mechanical waves including sound. This course includes the lab science practices designated by the College Board. Students will prepare take the AP Physics 1 Exam in May. This credit counts as a student's physics course for graduation. After this course, students may take AP Physics 2, AP Physics C (calculus-based physics), another AP science course or other science elective.

PR: Biology, Chemistry, Algebra I, Geometry, and Algebra II. (Algebra II may be taken concurrently.) SEM: 2 CR: 1

Texas History Day

Texas History Day is part of the National History Day program, and provides opportunities for students in grades six through twelve to develop their knowledge of history, critical thinking, analytical skills, and creativity with competitive events on a district, regional, state, and national level.

AP Physics 2 (11-12)

This course may be taken after AP Physics 1. This course builds on the topics of AP Physics 1 and includes thermodynamics, fluids, electrostatics, DC and RC circuits, magnetism and electromagnetic induction, waves and optics, plus quantum, atomic and nuclear physics. This course includes the lab science practices designated by the College Board. Students prepare to take the AP Physics 2 Exam in May. This course does not count as a student's physics course for graduation.

PR: Biology, Chemistry, AP Physics 1, Algebra I, Geometry, Algebra II, Precalculus. (Precalculus may be taken concurrently.) SEM: 2 CR: 1

AP Physics C (11-12)

This rigorous second physics course is most often taken by students preparing for higher education in the physical sciences, engineering or electronics. Investigations and problem solving will apply calculus and technology aligned with the College Board guidelines. Topics include mechanics and electricity/magnetism for which there are separate AP exams. Students will prepare to take one or both of these exams in May.

PR: Biology, Chemistry, AP Physics 1; Algebra I, Geometry, Algebra II, Precalculus, Calculus. Calculus may be taken concurrently. SEM: 2 CR: 1

Social Studies

It is recommended that students take World Geography in 9th grade, World History in 10th, United States History in 11th, and Government/Economics in 12th grade.

Core Courses

World Geography Studies (9-12)

This course examines people, places, and environments at local, regional, national, and international levels. Students will study the influence of geography on events of the past and present; the characteristics of major land forms, climates, and ecosystems; and the political, economic, and social processes that shape cultural patterns of regions.

PR: None SEM: 2 CR: 1

Pre-AP World Geography (9-12)

This course provides an enriched world geography program with a greater emphasis on logical reasoning, higher order thinking skills, and problem solving. All topics and credits given for World Geography above apply to this course. Most students will have completed eighth grade Pre-AP U.S. History prior to enrolling in World Geography Honors.

PR: None SEM: 2 CR: 1

World History Studies (9-12)

This course emphasizes the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world.

PR: None SEM: 2 CR: 1

Pre-AP World History (10-12)

This course is much like the AP World History course. Course content will be similar to the College Board requirements, but will follow the District's guidelines. This course may be taken in place of the regular World History course.

PR: None SEM: 2 CR: 1

United States Government (12)

This course focuses on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created.

PR: None SEM: 1 CR: 1/2

United States History Studies Since Reconstruction (9-12)

This course is the second year of a two-year sequential study begun in the 8th grade. It includes historical content focusing on the political, economic, and social events and issues of the period from 1877 to the present.

PR: None SEM: 2 CR: 1

Economics with Emphasis on the Free Enterprise System and Its Benefits (12)

This course focuses on the basic principles concerning production, consumption, distribution of goods and services in the United States and a comparison with those in other countries around the world. Students will examine the rights and responsibilities of consumers and businesses in a free enterprise system.

PR: None SEM: 1 CR: 1/2

Social Studies Electives

International Relations Studies Honors (11-12)

This course introduces students to contemporary foreign and domestic affairs which affect the lives of all Americans. Each student uses an atlas and is furnished a news magazine. Class discussion, research, news media, and lectures on current international relations/situations are included each day. The class updates the previous day's international events.

PR: Core Courses SEM: 2 CR: 1

Issues Involving Critical Thinking in the Social Studies (11-12)

This course will teach students to develop the concepts, skills, and processes necessary to become critical thinkers through the study of relevant current political, social, economic, and cultural issues as projected through the various forms of public media. Special attention will be focused on the impact television has on the formulation of people's attitudes, values, and perceptions of complex issues.

PR: Core Courses SEM: 1 CR: 1/2

Psychology (11-12)

This course is designed to allow students to consider the development of the individual and the personality. The course focuses on such topics as theories of human development, personality, motivation, and learning. The aim is to help students become more effective in their careers and in their personal lives.

PR: Core Courses SEM: 1 CR: 1/2

Sociology (11-12)

This course is designed for students who desire a better understanding of themselves through a study of society. Students examine topics such as the history and systems of sociology, cultural and social norms, social institutions, and mass communication through the study of dynamics and models of individual and group relationships.

PR: Core Courses SEM: 1 CR: 1/2

Street Law (11-12)

This course focuses primarily on the criminal justice system -- crimes, investigations, the arrest and arraignment phase, the trial, the differences in the juvenile justice system. Guest speakers -- policemen, private investigators, and judges -- introduce the law and the legal system in the United States.

PR: Core Courses SEM: 1 CR: 1/2

World Area Studies: Global Economy (11-12)

This course concentrates on the theory and practice of international trade and finance. Its focus is on the following: development economics; world trade equilibrium; commercial policy with specific concentration on trade agreements; exchange rates and their risk on international lending markets; and macroeconomics linkage between countries.

PR: Core Courses SEM: 1 CR: 1/2

A Study in Comparative Religions Honors (12)

A Study in Comparative Religions is a senior honors social studies elective. It offers students an opportunity to compare five major world religions-Judaism, Hinduism, Christianity, Buddhism, and Islam. The course emphasizes scholarly research and historical inquiry that will assist students to become global citizens.

PR: None SEM: 1 CR: 1/2

Advanced Placement Elective Courses

AP United States Government and Politics (11-12)

This course will give students an analytical perspective on government and politics in the United States. It includes the study of the various institutions, groups, beliefs and ideas that constitute U.S. politics as well as the general concepts used to interpret U.S. politics, and the analysis of specific examples. This course may be taken in place of the regular Government course. Students may earn college credit through the College Board AP Examination which is offered in May of each year. The fee for the AP exam is the responsibility of the student.

PR: None SEM: 1 CR: 1/2

AP Human Geography (9-10)

AP Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Students may earn college credit through the College Board AP Examination which is offered in May of each year. The fee for the AP exam is the responsibility of the student. **This course replaces the requirement to take World Geography to complete graduation requirements.**

PR: None SEM: 2 CR: 1

AP Human Geography (11-12)

AP Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Students may earn college credit through the College Board AP Examination which is offered in May of each year. The fee for the AP exam is the responsibility of the student. **This course replaces the requirement to take World Geography to complete graduation requirements.**

PR: None SEM: 1 CR: 1/2

AP Macroeconomics (11-12)

This course provides a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. PR: None

SEM: 1 CR: 1/2

AP Microeconomics (11-12)

This course provides a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

PR: None SEM: 1 CR: 1/2

AP Psychology (11-12)

This course includes the history of psychology and studies in research methods and statistical analysis, human growth and development, learning and memory, intellectual abilities and testing, motivation and emotion, and psychological disturbances and therapies. Students may earn college credit through the College Board AP Examination which is offered in May of each year. The fee for the AP exam is the responsibility of the student.

PR: Core Courses SEM: 1 CR: 1/2

AP European History (11-12)

This course introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. The goals of AP European History are to develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. Students may earn college credit through the College Board AP Examination which is offered in May of each year. The fee for the exam is the responsibility of the student.

PR: Core Courses SEM: 2 CR: 1

AP United States History (11-12)

This advanced course in American history explores ideas, concepts, interpretation, and movements in American history from the early settlement of the Americas to the present. Broad themes of the course include the creation and evolution of political institutions, the role of America in the world, the development of the American economy, and the way in which the American people have lived. This course may be taken in place of the United States History. Students may earn college credit through the College Board AP Examination which is offered in May of each year. The fee for the AP exam is the responsibility of the student.

PR: None SEM: 2 CR: 1

AP World History (10-12)

The purpose of this course is to develop greater understanding of the evolution of global processes and contact in interaction with different types of human societies. Focused primarily on the past thousand years of the global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Specific themes provide further organization to the course. This course may be taken in place of the regular World History course. Students may earn college credit through the College Board AP Examination, which is offered in May of each year. The fee for the AP exam is the responsibility of the student.

PR: None SEM: 2 CR: 1

International Languages French, German, Spanish, Latin, American Sign Language (ASL)

The International Languages offered in Northside ISD are French, German, Latin, Spanish, and ASL (offered at Marshall HS only). Since the approach to the teaching of all modern languages is similar, the following descriptions are applicable to each level of each language. Latin is a classical language and uses a reading approach in its curriculum. ASL is a performance language; students will develop their signing skills in various everyday situations. The five Cs of Communication, Cultures, Connections, Comparisons, and Communities are covered in all of the International Languages Courses as part of the Texas Essential Knowledge and Skills for Languages Other Than English (TEKS for LOTE) and the Northside ISD International Languages Standards.

Level I (French, German, Spanish) (9-11)

This course focuses on developing speaking and listening comprehension skills. Students are exposed to basic reading and writing skills. Students are introduced to the people, their customs, and other aspects of their culture. Students have the opportunity to work in pairs and small groups to role play real-life situations using the language.

PR: None SEM: 2 CR: 1

Please Note:

Students will have the opportunity to enroll in several levels of language classes from I - V and may take regular, Pre-AP, and/or Advanced Placement classes. With the opportunity to begin language study in middle school, students may continue the same language in the advanced levels or they are encouraged to begin the study of another international language whenever possible.

Level 1 Spanish for Spanish Speakers (9-11)

This course is especially designed for students who can understand Spanish, but cannot speak it or speak it very little. Students DO NOT have to be fluent nor speak perfect Spanish to take this class. This course provides the students an opportunity to refine and expand the language skills they already possess. Students will have opportunities to engage in simulated real-life situations using an enriched curriculum exposing them to their Hispanic Culture, Customs, Heritage, and History.

PR: Language survey and placement test. SEM: 2 CR: 1

Level 2 Regular (French, German, Spanish) (9-12)

This course continues to focus on opportunities for students to expand their speaking and listening comprehension skills in addition to developing their writing and reading comprehension skills. Students continue to study the culture, the people and their customs. Students will continue to role play and perform dialogues/skits on various every day situations and topics using the language.

PR: 70 in Level 1 or 80 or better SEM: 2 CR: 1
on the Credit by Exam.

Level 2 Spanish for Spanish Speakers (9-12)

This course is for students who understand and speak some Spanish at this basic level. It offers students opportunities to expand their knowledge of Spanish using special materials and activities designed for Spanish speakers. Students will continue to develop and refine their Spanish skills in speaking, listening, reading, and writing through an enriched curriculum concentrating on Hispanic Culture, Customs, Heritage, and History.

PR: 70 in Spanish/Spanish Speakers SEM: 2 CR: 1
or 80 or better on the Credit by Exam.
Language Survey and Placement Test.

Level 2 Pre-AP (French, German, Spanish, Spanish for Spanish Speakers) (9-12)

This course exceeds the Level 2 requirements by including many independent activities requiring performance in the language. The students will continue to refine the four skills by being exposed to an enriched and accelerated curriculum.

PR: 90 or better in Level 1 or SEM: 2 CR: 1
90 or better in the Credit-by-Exam

Level 3 - Regular (French, German, Spanish, Spanish for Spanish Speakers) (9-12)

Students continue to work towards proficiency in speaking and listening comprehension. Students continue to expand their reading comprehension and writing skills. Culture topics are integrated throughout the curriculum.

PR: 70 in Level 2 or 80 or better on SEM: 2 CR: 1
the Credit by Exam.

Level 3 Pre-AP (French, German, Spanish, Spanish for Spanish Speakers) (9-12)

Students continue to work towards proficiency in speaking and listening comprehension. The study of some condensed literary works will incorporate the development of reading comprehension and writing skills. Culture topics are integrated throughout the curriculum. Students will do independent, pair, and group work to allow for more creativity and the use of higher order thinking skills.

PR: 80 or better in Level 2 Pre-AP SEM: 2 CR: 1
or 90 or better in Level 2 Regular
or 90 or better on the Credit by Exam.

Level 4 AP (AP Language) (Spanish, French, German) (9-12)

This course will integrate the curriculum prepared by the College Board and Northside curriculum in order to prepare students for the Advanced Placement Language exam. Group and independent activities will be employed in order for students to use the target language intensively in all aspects of the class. Students who take the Advanced Placement exam may receive several hours of college credit depending on their scores.

PR: 80 or better in 3 Pre-AP or 90 or better in 3 Regular or 90 or better on the Credit by Exam. SEM: 2 CR: 1

Level 5 AP (AP Literature) (Spanish) (9-12)

This course will integrate the curriculum prepared by the College Board and Northside curriculum in order to prepare students for the Advanced Placement Literature exam. Several authors and their works will be discussed and analyzed. Group and independent activities will be employed in order for students to use Spanish intensively in all aspects of the class. Students who take the Advanced Placement exam may receive several hours of college credit depending on their scores.

PR: 80 or better in 4 AP SEM: 2 CR: 1

Spanish for Communications (Spanish 5H - Communications Arts H.S.)

This course will concentrate on Spanish Communication skills used in different media. This course is designed to satisfy the needs of the students who wish to pursue specific work to improve and/or increase their ability to listen, speak, read and write the Spanish language; to prepare the students to write and produce a periodical in the Spanish language and to use technology to produce and distribute a periodical to the community via the web. Students will read and analyze a variety of works in the Spanish language to improve their writing skills.

PR: 75 or better in Spanish 4 AP SEM: 2 CR: 1

Latin 1 (9-11)

This course offers the students the ability to read Latin phrases and sentences. Vocabulary and grammatical structures are introduced within the context of the readings. Students are exposed to Roman history and culture.

PR: None SEM: 2 CR: 1

Latin 2 (9-12)

This course offers the students the opportunity to continue developing their reading skills in Latin while at the same time increasing their knowledge of grammatical structures. Additional vocabulary is learned within the context of the readings. There is more in-depth study of Roman culture and history.

PR: 70 in level 1 or 85 or better on Latin 1 Credit by Exam. SEM: 2 CR: 1

Latin 2 Pre-AP (9-12)

The Latin 2 Honors course follows the same material as the Latin 2 regular. The curriculum is enhanced with additional projects and in-depth studies of the material covered.

PR: 80 in Latin 1 or 90 or better SEM: 2 CR: 1
on Latin I Credit by Exam.

Latin 3 Pre-AP (10-12)

This course emphasizes more difficult aspects of grammar with an expansion of vocabulary. The study of Latin prose and poetry will be integrated with related topics of culture and civilization. Reading and writing skills will be emphasized.

PR: 80 in level 2 OR SEM: 2 CR: 1
90 on the Credit by Exam.

Latin 4 AP (11-12)

This course will continue an emphasis on difficult aspects of grammar with expanded vocabulary. The study of Latin poetry and prose will be integrated with related topics of culture and civilization. Students will read, translate, and interpret primary sources of a variety of Latin poets.

PR: 80 in level 3 or SEM: 2 CR: 1
90 on the Credit by Exam.

American Sign Language ASL 1 – OFFERED AT MARSHALL HS ONLY

This course is an introductory course of the study of the receptive and expressive aspect of signs, non-manual communication, and grammatical features of ASL in everyday situations and other meaningful contexts. Students will learn basic introductions, greetings, describe people in general, and talk about family members. In addition, students will gain an understanding of using facial expressions, manual signs, and classifiers to convey meanings in ASL using perceptive and signing skills.

PRE: None SEM: 2 CR: 1

American Sign Language ASL 2 - OFFERED AT MARSHALL HS ONLY

This course builds on the language skills acquired in ASL 1. Students will develop their signing skills in various everyday situations and further explore cultural perspectives of the deaf community. The Curriculum emphasizes subjects learned in ASL 1 and further enhances student's signing skills and fluidity. "Speed reading" on finger spelled words as well and signed statements are utilized within each of the units in this course. Signing and perceptive skills are mastered and taken to a new level.

PRE: 70 in Level 1 SEM: 2 CR: 1

American Sign Language ASL 3 - OFFERED AT MARSHALL HS ONLY

This course continues the emphasis on communication established in levels 1 and 2. Students will learn structures and vocabulary necessary to interact socially and communicate in daily living situations. This level of signing is highly rigorous and focuses more on the use on non-manual markers and classifiers, rather than the use of manual signs. Students will learn to imply and sign essential ASL skills through elaborate conversations involving and using their signing and perceptive skills.

PRE: 70 in Level 2 SEM: 2 CR: 1

American Sign Language ASL 4 - OFFERED AT MARSHALL HS ONLY

This course extends beyond the ASL III program for students to communicate at an intermediate level. Students use knowledge of the language, including grammar and culture to socialize and communicate. The use of Classifiers and Non-Manual Markers are further elaborated and incorporated into ASL syntax and grammatical structures.

PRE: 70 in Level 3 SEM: 2 CR: 1

Physical Education**Athletics (Physical Education Substitute) (9-12)**

Numerous athletic programs under UIL affiliation are offered for students in the high schools. Students who participate in these UIL sports may earn a maximum of 4 units in P.E. credit in these courses. Since these athletic teams compete with other 6A schools, students must try out for the teams by demonstrating strong ability in the skills needed for field performance.

PR: Tryout

Adapted Physical Education (9-12)

A student will be assigned to an adapted physical education program if the student has a significant limitation in the psychomotor domain which requires an individualized program and intensive interaction with an adapted physical education specialist. Examples of physical conditions include muscular dystrophy, cerebral palsy, and severe orthopedic and visual impairments.

PR: Adapted PE Coordinator approval SEM: 1-2 CR: 1/2-1

Foundations of Personal Fitness (9-12)

The basic purpose of this course is to motivate students to strive for personal lifetime fitness. The concept of wellness is the cornerstone of this course. A textbook is provided and students complete personal fitness worksheets for direct application of the concepts that are taught. This course is not required for students entering 9th grade in 2010 or after. (Check with your counselor for course offerings)

PR: None SEM: 1 CR: 1/2

Physical Education (9-12)**Team or Individual Sports**

Students enrolled in this course learn sport skills in team and individual sports. Team sport may include traditional sports such as basketball and volleyball, as well as less traditional sports such as lacrosse and team handball. Individual sports may include tennis, golf, and Frisbee golf.

PR: None SEM: 1 CR: 1/2-1

Aerobics Activities

(Check with your counselor for course offering)

Students enrolled in this course are expected to design personal fitness programs that use aerobics activities as a foundation for a physically-active lifestyle. Students learn a level of competency in two or more aerobic activities that may include aerobic dance, jogging, power walking, recreational dance, and step aerobics.

PR: None SEM: 1 CR: 1/2-1

Adventure/Outdoor Education

(Check with your counselor for course offering)

Students enrolled in this course are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Students learn a level of competency in two or more outdoor education activities such as backpacking, camping, hiking, and orienteering.

PR: None SEM: 1 CR: 1/2-1

P.E. SUBSTITUTES

Physical Education Credit is substituted for selected school activities, including:

- Marching Band
- Athletics
- Pep Squad
- ROTC

Principles of Dance I-II (9-12) - (PE Credit)

Principles of Dance I is designed to introduce students to various mediums of dance, including ballet, modern dance, tap, jazz, musical theatre, and world dance forms. Emphasis is on the development of technical and mind/body coordination skills, physical strength, and creativity. Instruction focuses on training the student to combine and coordinate all the elements of dance performance when set to music. Each course will enhance student confidence, poise, collaborative skills through solo and ensemble performances. Dance students will have multiple opportunities to perform in campus dance recitals, city/state venues, and musicals. No prior dance training is required to enroll in Principles of Dance Level I.

PR: None SEM: 2 CR: 1 - PE

Health Education

Health Education (9-12)

This course is designed to ensure that students acquire the health information and skills necessary to become healthy adults. The major areas of study are: emotional, mental, and physical health; the ill effects of alcohol, drugs, and tobacco on the body and environment; first aid; the prevention of accidents; AIDS education; and diseases. Students will also receive training in cardiopulmonary resuscitation (CPR) leading to certification from the American Heart Association. PR: None SEM: 1 CR: 1/2

Spirit Teams

Pep Squad (9-12), Cheer, Dance & Drill Teams (10-12)

Performance Ensemble I-IV (9-12)

All ten comprehensive high schools provide spirit organizations whose major functions are to serve as spirit, service, and performing groups for their schools. Students must meet eligibility requirements to participate. No prior experience is required to enroll in Pep Squad. Students must tryout for Cheer, Dance & Drill Teams. Participation includes attendance at all designated activities, summer camp, practices, competitions, clinics, and enrollment in the required class. The required class involves a physical education and / or fine arts equivalent curriculum that includes fitness, leadership skills, beginning to advanced cheer and dance skills, etc.

PR: Pep Squad - None

PR: Cheer, Dance/Drill Tryout - Tryout

SEM: 2 CR: 1 Fine Arts and/or 1 PE

Fine Arts

Art

Art I (9-12)

High School Art I is Concept-based. Curriculum units include drawing, painting, printmaking, three dimensional art, fiber, digital art and media, and compositions of mixed media. Students work toward mastery level in originality and creativity. No prior art experience is required to be eligible for this course.

PR: None SEM: 2 CR: 1

Art II (9-12)

High School Art II is Concept-based and is designed to build on the experience of the Curriculum units of Art I. Assignments and student problem solving are more complex in drawing, painting, printmaking, three dimensional art, fiber, digital art and media, and compositions of mixed media. Artists, artist styles, and periods of art history become a focus, as does extensive creativity, imagery, individualization, and gallery display.

PR: Art I/Student Portfolio SEM: 2 CR: 1

Art III (10-11)

High School Art III is Concept-based and provides for opportunities in creative expression on a more advanced level than those of Art I and Art II. Emphasis continues to be placed on understanding and recognition of artists, artist styles, and periods of art history. The significance and value of created art is accentuated along with extended creativity and portfolio development.

PR: Art II/Student Portfolio SEM: 2 CR: 1

Art IV (11-12)

High School Art IV is Concept-based and is an advanced course designed to expand on the experiences and skills developed in Art I, Art II, and Art III. Rigorous assignments and student problem solving are individualized to accommodate students' desires to further explore media and ideas of their own choice. Student portfolios and gallery experiences are developed extensively.

PR: Art III/Student Portfolio SEM: 2 CR: 1

Art III, Drawing (10-12)

High School Art III Drawing is Concept-based and is designed to build on the experiences of the Curriculum units of previous art courses. Assignments and student problem solving are more complex with concentration in drawing, drawing types, drawing techniques, and the various drawing media. Drawing as used by artists, as used in artist styles, and as observed in periods of art history become a focus. Extensive creativity, imagery, individualization, and gallery display in the drawing media are the expectations.

PR: Art II SEM: 2 CR: 1

Art III, Painting (10-12)

High School Art III Painting is Concept-based and is designed to build on the experiences of the Curriculum units of previous art courses. Assignments and student problem solving are more complex with concentration in painting, painting styles, painting techniques and the various paint media. Painting artists, painting artist styles, and periods of art history involved with painting become a focus. Extensive creativity, imagery, individualization, and gallery display in the painting media are the expectations.

PR: Art II SEM: 2 CR: 1

Art III, Sculpture (10-12)

High School Art III Sculpture is Concept-based and is designed to build on the experiences of the Curriculum units of previous art courses. Assignments and student problem solving are more complex with concentration in sculpture, sculpture types, sculpture techniques and the various sculpture media. Sculpture artists, sculpture artist styles, and periods of art history involved with sculpture become a focus. Extensive creativity, imagery, individualization, and gallery display in the sculpture media are the expectations.

PR: Art II SEM: 2 CR: 1

Art III, Ceramics (10-12)

High School Art III Ceramics is Concept-based and is designed to build on the experiences of the Curriculum units of previous art courses. Assignments and student problem solving are more complex with concentration in ceramics, ceramics types, ceramic building methods-including wheel throwing, glazing techniques and the various clay and glaze media. Ceramic artists, ceramic artist styles and purposes, and periods of art history involved with ceramics become a focus. Extensive creativity, imagery, individualization, and gallery display in the ceramic media are the expectations.

PR: Art II SEM: 2 CR: 1

Art III, Digital Art and Media (10-12)

High School Art III Digital Art and Media is Concept-based and is designed to build on the experiences of the Curriculum units of previous art courses. Assignments and student problem solving are more complex with concentration in digital art and media, digital art and media types, digital art and media creation methods, and digital art and media various software usage. Digital art and media artists, digital art and media artist styles, and periods of art history involved with digital art and media become a focus. Extensive creativity, imagery, individualization, and gallery display in digital art and media are the expectations.

PR: Art II SEM: 2 CR: 1

Art IV, Drawing (11-12)

High School Art IV Drawing is Concept-based and is designed to build on the experiences of the Curriculum units of Art III Drawing. Assignments and student problem solving are extremely complex requiring considerable concentration to achieve the high level of competency expected. Expanding both depth and breadth in drawing, drawing types, drawing techniques, and various drawing media is a portfolio requirement. Drawing as used by artists, as used in artist styles, and as observed in periods of art history become a springboard for personal inspiration for more extensive creativity, imagery, and individualization. Frequent gallery displays in the various drawing media are required.

PR: Art III, Drawing II SEM: 2 CR: 1

Art IV, Painting (11-12)

High School Art IV Painting is Concept-based and is designed to build on the experiences of the Curriculum units of Art III Painting. Assignments and student problem solving are extremely complex requiring considerable concentration to achieve the high level of competency expected. Expanding both depth and breadth in painting, painting styles, painting techniques and the various paint media is a portfolio requirement. Painting artists, painting artist styles, and periods of art history involved with painting become a springboard for personal inspiration for more extensive creativity, imagery, and individualization. Frequent gallery displays in the various painting media are required...

PR: Art III, Painting II SEM: 2 CR: 1

Art IV, Sculpture (11-12)

High School Art IV Sculpture is Concept-based and is designed to build on the experiences of the Curriculum units of Art III Sculpture. Assignments and student problem solving are extremely complex requiring considerable concentration to achieve the high level of competency expected. Expanding both depth and breadth in sculpture, sculpture types, sculpture techniques and the various sculpture media is a portfolio requirement. Sculpture artists, sculpture artist styles, and periods of art history involved with sculpture become a springboard for personal inspiration for more extensive creativity, imagery, and individualization. Frequent gallery displays showcasing various sculpture are required.

PR: Art III, Sculpture II SEM: 2 CR: 1

Art IV, Ceramics (11-12)

High School Art IV Ceramics is Concept-based and is designed to build on the experiences of the Curriculum units of Art III Ceramics. Assignments and student problem solving are extremely complex requiring considerable concentration to achieve the high level of competency expected. Expanding both depth and breadth in ceramics, ceramics types, ceramic building methods-including wheel throwing, glazing techniques and the various clay and glaze media is a portfolio requirement. Ceramic artists, ceramic artist styles and purposes, and periods of art history involved with ceramics become a springboard for personal inspiration for more extensive creativity, imagery, and individualization. Frequent gallery displays showcasing various ceramics are required.

PR: Art III, Ceramics II

SEM: 2 CR: 1

Art IV, Digital Art and Media (11-12)

High School Art IV Digital Art and Media is Concept-based and is designed to build on the experiences of the Curriculum units of Art III Digital Art and Media. Assignments and student problem solving are extremely complex requiring considerable concentration to achieve the high level of competency expected. Expanding both depth and breadth in digital art and media, digital art and media types, digital art and media creation methods, and digital art and media various software usage is a portfolio requirement. Digital art and media artists, digital art and media artist styles, and periods of art history involved with digital art and media become a springboard for personal inspiration for more extensive creativity, imagery, and individualization. Frequent gallery displays showcasing various digital art and media are required.

PR: Art III, Digital Art and Media

SEM: 2 CR: 1

Advanced Placement

Art History AP (10-12)

AP Art History challenges students to an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. Students examine and critically analyze major forms of artistic expression. AP Art History provides students an independent track of study that is rigorous and academically challenging. Students complete course with the AP Art History exam. Course availability depends upon teacher certification in AP Art History

PR: Core/Art/Student Portfolio/Student Interest

SEM: 2 CR: 1

Art Drawing Portfolio AP (10-12)

AP Portfolio, Studio Art Drawing enables students to develop in-depth personal styles and themes in original creation of drawing artworks. Portfolio students address three components within a basic three-section structure: Quality Section, Concentration Section, and Breadth Section. Students are required to show competence in high levels of commitment and rigor throughout the created body of artwork. Students complete course with submission of digital AP portfolio in Studio Art Drawing. Course availability depends upon teacher certification.

PR: Art/Student Portfolio/Student Interest

SEM: 2 CR: 1

Art 2-D Portfolio AP (10-12)

AP Portfolio, 2-D Design enables students to develop in-depth personal styles and themes in original creation of 2-D Design artworks. Portfolio students address three components within a basic three-section structure: Quality Section, Concentration Section, and Breadth Section. Students are required to show competence in high levels of commitment and rigor throughout the created body of artwork. Students complete course with submission of digital AP portfolio in 2-D Design. Course availability depends upon teacher certification.

PR: Art/Student Portfolio/Student Interest

SEM: 2 CR: 1

Art 3-D Portfolio AP (10-12)

AP Portfolio, 3-D Design enables students to develop in-depth personal styles and themes in original creation of 3-D Design artworks. Portfolio students address three components within a basic three-section structure: Quality Section, Concentration Section, and Breadth Section. Students are required to show competence in high levels of commitment and rigor throughout the created body of artwork. Students complete course with submission of digital AP portfolio in 3-D Design. Course availability depends upon teacher certification.

PR: Art/Student Portfolio/Student Interest

SEM: 2 CR: 1

Dual Credit

Art Appreciation D (9-12) – OFFERED AT WARREN HS & STEVENS HS ONLY

Students take Dual Credit Art Appreciation on their high school campus. Dual Credit Art Appreciation students work in various art media to explore the purposes and processes in the visual arts including evaluation of multiple selected works. Content is college level and college paced. Students are required to show competence in high levels of commitment and rigor throughout the year of study.

PR: Student Interest

SEM: 2 CR: 1

Band

Prep Band I-IV (9-12)

This course is designed for students who are learning to play a band instrument for the first time OR for students that are in the early stages of learning to play an instrument. Little or no prior experience is required for this course. Campus band director will assess student skill ability for this class. Basic music fundamentals include tone, rhythm, and technique development. Students are eligible to participate in campus concert performances and UIL performance assessments and will perform music literature from various music genres. Enrollment in this course constitutes some agreement to fulfill all curricular, co-curricular, and extra-curricular requirements.

PR: Audition/Rubric

SEM: 2 CR: 1

Concert Band I-IV (9-12)

This course is designed to build upon student skills for playing a band instrument acquired from previous courses of study. Increased performance skills will include increased music notation, technical ability, music expression, and increased precision regarding basic fundamentals for performance. All genres of music will be performed. This course includes development of skills applied to indoor concerts as well as the fall seasonal marching band performances. Minimum of 4 hours weekly outside the school day are required for rehearsals to adequately address performance requirements for the course. UIL performance assessments and student eligibility for Texas All-State Ensembles are included in this course work. Scholarship opportunities are available. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extra-curricular requirements.

PR: Audition/Rubric

SEM: 2 CR: 1

Symphonic Band I-IV (9-12)

This course is designed for students to develop a mastery level for playing a band instrument acquired from previous courses of study. Students will acquire advanced skills needed to perform very complex music literature. Students will develop strong leadership skills, evoke high levels of expression, and perform literature of all genres and ensemble instrumentation. This course includes development of skills applied to indoor concerts as well as the fall seasonal marching band performances. Minimum of 4 hours weekly outside the school day are required for rehearsals to adequately address performance requirements for the course. UIL performance assessments and student eligibility for Texas All-State Ensembles are included in this course work. Scholarship opportunities are numerous. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extra-curricular requirements.

PR: Audition/Rubric

SEM: 2 CR: 1

Jazz Band I-IV (9-12)

This course is designed as an enrichment opportunity for students to apply instrumental music skills to the jazz medium. Students will study jazz history, learn to improvise, and perform jazz literature of all styles. With the exception of rhythm section instruments required for the jazz course (piano, bass, rhythm guitar, and trapset), all students must be a concurrent member of the Prep, Concert, or Symphonic Band. Sound music fundamentals are a pre-requisite for success in this course. Texas All-State Ensembles and large scholarship opportunities are included in this course work. Students will perform extensively in public venues. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extra-curricular requirements.

PR: Audition/Rubric

SEM: 2 CR: 1

Instrumental Ensemble I-IV (9-12)

This series of courses are designed for students interested in developing extensive detailed performance applications on a specific music instrument. Students work independently at their own pace, in small ensemble settings of unique instrumentation (i.e. brass choirs, woodwind choirs, etc) and apply skills developed in concert, recital, and other various performance venues. Student audio portfolios are created, university audition recitals are developed, and audition preparations for Texas all-state are all part of the curriculum. In addition, students desiring to learn to play more than one instrument can be enrolled in this class for individualized instruction. Each course builds upon the student's skill level developed in previous courses of study.

PR: Audition/Rubric

SEM: 2 CR: 1

Guitar I-IV (9-12)

This series of courses are designed for students interested in learning to play guitar. Each course builds upon skills learned in the previous course(s) of study. No prior experience is required for this course. Course is available only on those campuses where a certified instructor is assigned. Campus music instructor will assess student skill ability for each class. Basic music fundamentals include music notation, rhythm, counting, and guitar performance applications. Students will study and rehearse music of all styles. Opportunity for concert performances is included with each course. Enrollment in this course constitutes some agreement to fulfill all curricular, co-curricular, and extra-curricular requirements.

PR: Audition/Rubric

SEM: 2 CR: 1

See page 2 of the catalog for opportunities to earn college credit.

Choir

Choir I-IV Treble (9-12)

This course develops skills in proper vocal production and music reading. Students learn to improve their singing voice, sight-reading and ensemble skills through performance participation. Choral literature will include all genres of vocal music written for the treble voice. Each level of this course, will build on the foundation of the previous course. Students will develop in confidence and collaborative skills through performance opportunities in solo, small and larger vocal ensembles. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements.

PR: Audition/Rubric

SEM: 2 CR: 1

Choir I-IV Advanced Treble (9-12)

This course develops the most advanced treble musicians and gives students the opportunity to improve their skills in vocal production, sight-reading, and ensemble participation. Choral literature will include secular and sacred music from all times and periods of music in the treble range. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements.

PR: Audition/Rubric

SEM: 2 CR: 1

Choir I-IV Tenor Bass (9-12)

This course develops skills in proper vocal production and music reading. Students learn to improve their singing voice, sight-reading, and ensemble skills through performance participation. Choral literature will include all genres of vocal music written for their tenor bass voice range. Each level of this course, will build on the foundation of the previous course. Students will develop confidence and collaborative skills through performance opportunities in solo, small and large vocal ensembles. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements.

PR: Audition/Rubric

SEM: 2 CR: 1

Choir I-IV Mixed (9-12)

This course develops the most advanced choral musicians and gives students the opportunity to improve their skills in vocal production, sight-reading, and ensemble participation. Choral literature will include secular and sacred music from all times and periods of music for all vocal ranges. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular and extracurricular requirements.

PR: Auditions/Rubric

SEM: 2 CR: 1

Vocal Ensembles I-IV (9-12)

This course develops additional skills of advanced students with strong music fundamentals. Students will explore non-traditional ensemble techniques and literature of all styles. Size and composition of each group is designed to meet the requirements of the music being studied. Ensembles will consist of madrigals, vocal jazz, show choirs and other contemporary music genres.

PR: Concurrent enrollment in choir/Audition/Rubric

SEM: 2 CR: 1

Credit Recovery/Advancement Opportunities

There are several options for students to recover credits due to failure or to advance in credits.

Northside ISD offers the following:

- Summer School
- Correspondence courses
- Credit by Exam
- Credit Retrieval
- Online courses

For more information and to plan your credit recovery or advancement, speak to your high school counselor.

Dance

Principles of Dance I, II, III, IV (9-12)

Principles of Dance I is designed to introduce students to various mediums of dance, including ballet, modern dance, tap, jazz, musical theatre, and world dance forms. Emphasis is on the development of technical and mind/body coordination skills, physical strength, and creativity. Instruction focuses on training the student to combine and coordinate all the elements of dance performance when set to music. Principles of Dance I is a general dance survey course and forms the foundation for Principles of Dance II, III, IV. Each level of dance instruction builds on the foundation of knowledge and skills established at prior levels. Each course will enhance student confidence, poise, collaborative skills through solo and ensemble performances. Dance students will have multiple opportunities to perform in campus dance recitals, city/state venues, and musicals. Level numbers represent achievement levels, not student grade level. No prior dance training is required to enroll in Principles of Dance Level I.

PR for Level I: None

SEM: 2 CR: 1

Ballet I-IV (9-12) – OFFERED AT BRANDEIS HS ONLY

This course will develop self-discipline and healthy bodies while applying ballet etiquette and dance safety. Students recognize major ballet works, styles, and ballet artists in history. Students will learn how to execute ballet technique, use ballet vocabulary, and perform barre exercises and center combinations. Students will present and evaluate classical and contemporary ballet performances and will explore technology and applications to ballet and movement. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements.

PR: Audition

SEM: 2 CR: 1

Modern Dance I-IV (9-12) – OFFERED AT BRENNAN HS ONLY

This course will develop the students' ability to recognize major modern/contemporary dance works, styles, and dance artists in history. Students will execute modern/contemporary dance technique, use modern/contemporary vocabulary, and perform memorized movement exercises, combinations, and created movement sequences or studies. Students will apply modern/contemporary dance etiquette and dance safety and will explore technology applications for modern/contemporary dance movement. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements.

PR: Audition

SEM: 2 CR: 1

Jazz Dance I-IV (9-12) – OFFERED AT STEVENS HS ONLY

This course will develop the students' ability to recognize major jazz dance works, styles, and dance artists in history. Students will execute jazz dance technique, use jazz dance vocabulary, and perform memorized movement exercises, combinations, and created movement sequences or studies. Students will apply jazz dance etiquette and dance safety and will explore technology applications for jazz dance movement. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements.

PR: Audition

SEM: 2 CR: 1

Mariachi

Mariachi I-IV Prep (9-12)

This course is designed for students who want to learn to play an instrument used in mariachi. Little or no prior experience is required for this course. Instruments taught in this class include guitar, vihuela, and guitarron. Trumpet, violin, and vocal students that are beginners are encouraged to enroll in a prep band or choir class to learn the basic music fundamentals. Campus orchestra director will assess student skill ability. Basic music fundamentals include music reading, rhythm, and technique development needed for each instrument. Stage presence, student confidence, and performance preparation are emphasized. Students are eligible to participate in some campus concert venues. Music of all mariachi genres is explored. Enrollment in this course constitutes some agreement to fulfill all curricular, co-curricular, and extra-curricular requirements.

PR: Audition/Rubric

SEM: 2 CR: 1

Mariachi I-IV Intermediate (9-12)

This course is designed for students to build upon the mariachi fundamentals learned previously and to develop further performance techniques used in mariachi literature. Students will increase technical, musical, and expressive elements needed to perform more challenging literature in a variety of mariachi styles. Guitar, vihuela, guitarron, trumpet, violin, and vocal students rehearse collaboratively with increased public performances to be included. Some sectional rehearsal time is required outside the school day. The history of mariachi and connections to Folkloric Music are explored more extensively. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extra-curricular requirements.

PR: Audition/Rubric

SEM: 2 CR: 1

Mariachi I-IV Advanced (9-12)

This course is designed for students that want to develop a mastery level of performance ability in mariachi. Students will apply advanced technical, musical, and lyrical applications to challenging mariachi literature of all styles. Guitar, vihuela, guitarron, trumpet, violin, and vocal students rehearse collaboratively with heavy emphasis on public performances. Extensive collaboration with Folkloric Music and Dance are explored. A minimum of 2 hours per week of time is required outside the school day for sectionals, rehearsals, and public performances. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extra-curricular requirements.

PR: Audition/Rubric

SEM: 2 CR: 1

Orchestra

Orchestra I-IV Prep (9-12)

This course is designed for students who are learning to play a string instrument (violin, viola, cello, bass) for the first time OR for students that are in the early stages of learning to play an instrument. Little or no prior experience is required for this course. Campus orchestra director will assess student skill ability for this class. Basic music fundamentals include tone, rhythm, and technique development. Students are eligible to participate in campus concert performances and UIL performance assessments and will perform music literature from various music genres. Enrollment in this course constitutes some agreement to fulfill all curricular, co-curricular, and extra-curricular requirements.

PR: Audition/Rubric

SEM: 2 CR: 1

Orchestra I-IV Concert (9-12)

This course is designed to build upon student skills for playing a string instrument acquired from previous courses of study. Increased performance skills will include increased music notation, technical ability, music expression, and increased precision regarding basic fundamentals for performance. All genres of music will be performed. Performance opportunities are numerous and varied. The course will require some rehearsal time outside of the school day to prepare for various concerts. UIL performance assessments and student eligibility for Texas All-State Ensembles are included in this course work. Students are eligible for selection to perform in campus full orchestra ensembles. Scholarship opportunities are available. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extra-curricular requirements.

PR: Audition/Rubric

SEM: 2 CR: 1

Orchestra I-IV Symphonic (9-12)

This course is designed for students to develop a mastery level for playing a string instrument acquired from previous courses of study. Students will acquire advanced skills needed to perform very complex music literature. Students will develop strong leadership skills, evoke high levels of expression, and perform literature of all genres and ensemble instrumentation. The course will require some rehearsal time outside of the school day to prepare for various concerts. UIL performance assessments and student eligibility for Texas All-State Ensembles are included in this course work. Students are eligible for selection to perform in campus full orchestra ensemble concerts. Scholarship opportunities are numerous. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extra-curricular requirements.

PR: Audition/Rubric

SEM: 2 CR: 1

Band, Choir, Orchestra

Music Appreciation I/ IA / IB (9-12)

This course is designed for students interested in studying the history of music, major time periods in which music developed as an art form, and the composers that impacted music literature of the world. Students will listen to, identify, and analyze major music compositions and trace the impact of such compositions through the development of world cultures. Students will also connect the creation and evolution of music instrument construction to various cultures around the world. No prior music knowledge is required to enroll in this course.

PR: NONE

SEM: 2 CR: 1

Music Theory I / II / AP (9-12)

This series of courses are designed for students interested in developing music notation writing skills and composition skills. Students will develop an understanding of basic music theory construction of melodic and harmonic lines of music as well as chord construction. Each course builds upon skills developed in previous courses. Students analyze and compose lines of music. Piano keyboard skills are used for theory applications. Applied Music Theory is offered on campuses where a certified AP Music Theory Instructor is available. Students completing Music Theory I are eligible for AP Music Theory OR music instructors can recommend students with strong music backgrounds for AP Music Theory without completion of prior Music Theory courses. Student compositions are performed by various ensembles. Scholarship awards are available for recognized compositions. Students are eligible to acquire college credit through the College Board AP Music Theory Exam process.

PR: Teacher Recommendation/Rubric

SEM: 2 CR: 1

Theatre

Theatre Arts I (9-12)

Theatre Arts I is offered to students who are new to high school theatre. Theatre Arts I students will learn an appreciation for Theatre as an art form while examining both the acting and technical aspects of theatre. The interdependence of theatrical elements, the collaborative process, and creative problem solving skills will be employed as students begin to identify the impact of theatre on contemporary society, relate historical and cultural influences on theatre, appreciate theatre as a reflection of life, give and receive constructive criticism, and identify career opportunities in the Theatrical Arts.

PR: None

SEM: 2 CR: 1

Theatre Arts II (10-12)

Theatre Arts II is offered to students who have successfully completed Theatre Arts I and want to continue to build upon the skills learned in that course. Through the demonstration of the ability to analyze scripts for technical and character building elements, students will identify as a creative part of an ensemble and collaborative production team. In order to evaluate the use of artistic elements in a production, Theatre Arts II students are required to participate in a theatrical production. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements.

PR: Theatre Arts I

SEM: 2 CR: 1

Theatre Arts III (11-12)

Theatre Arts III is a continuation of study from Theatre Arts II. Students will explore advanced techniques in safely employing vocal, physical, and emotional expression and will evaluate the effects of creative expression on an audience. Through activities such as writing effective dialogue, casting and directing duet scenes, and integrating other areas of art or media into performances, students will demonstrate responsibility and artistic discipline. Students enrolled in Theatre Arts III are required to participate in a theatrical production. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements.

PR: Theatre Arts II

SEM: 2 CR: 1

Theatre Arts IV (12)

Theatre Arts IV is the culmination of the study of Theatre Arts in high school. Students will continue to build upon the skills acquired in Theatre Arts I-III. In Theatre Arts IV students will apply expertise in voice, movement, emotional expression, character development, and script analysis. Students will demonstrate responsibility and artistic discipline through the activity of casting and directing a short play. Students will evaluate a selected career in Theatre Arts and develop a resume and portfolio of theatrical experience. Theatre IV students are required to participate in a theatrical production. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements.

PR: Theatre Arts III

SEM: 2 CR: 1

Technical Theatre I (9-12)

Technical Theatre I is a course for students new to Technical Theatre. Students will be introduced to the safe use of scenery, lighting, costumes, sound, makeup, and props to effectively enhance theatrical productions. Through the design process, students will gain an appreciation for Theatrical Design as an art form and will recognize themselves as a creative part of a production team. Technical Theatre I students will learn to evaluate live theatre recognize the impact of live theatre on contemporary society. Technical Theatre I is a project based course that will require students to practice the safe use of shop tools and materials.

PR: None

SEM: 2 CR: 1

Technical Theatre II (10-12)

Technical Theatre II is offered to students who have successfully completed Technical Theatre I and want to continue to build upon the skills learned in that course. Students will learn the principles of design, principles of composition, and color theory as they begin to analyze dramatic scripts and apply the design process. Advanced techniques in the building of scenery, costumes, and props and the execution of lighting and sound will be examined. Students will gain an appreciation for world cultures and their contributions to Theatre Arts. Career opportunities in Technical Theatre will be explored while students begin to prepared resumes and portfolios of their theatrical design experiences. Technical Theatre II is a project based course that will require students to practice the safe use of shop tools and materials.

PR: Technical Theatre I

SEM: 2 CR: 1

Technical Theatre III (11-12)

Technical Theatre III is a continuation of study from Technical Theatre II. Students will explore advanced techniques in scenery construction, costume construction, makeup application, lighting design, sound design, and theatrical marketing. Students will demonstrate the design process by working as a member of a collaborative design team in designing technical elements for theatrical productions. Technical Theatre III is a project based course that will require students to practice the safe use of shop tools and materials.

PR: Technical Theatre II

SEM: 2 CR: 1

Technical Theatre IV (12)

Technical Theatre IV is the culmination of the study of Technical Theatre Arts in high school. Students will enhance the skills obtained in Technical Theatre I-III. Technical Theatre IV students will model the design process by designing the technical elements for a theatrical production. Students will demonstrate leadership skills by supervising the creation of their artistic designs in scenery, costumes, lighting, and sound giving students an appreciation for the full production process. Students will focus on a specific career in Technical Theatre and complete a resume and portfolio of their theatrical design experiences. Technical Theatre IV is a project based course that will require students to practice the safe use of shop tools and materials.

PR: Technical Theatre III

SEM: 2 CR: 1

Theatre Production I-IV (9-12)

Theatre Production provides students with practical hands-on experiences in acting and stagecraft through the preparation and public performances of plays. This curricular laboratory for the exploration, development, and synthesis of all the elements of theatre supplements other theatre and technical theatre courses by providing opportunities for the integration and implementation of ideas, skills, and techniques acquired in those classes. This course requires a commitment of time outside the academic school day. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements. This course is offered at some NISD high schools.

PR: Audition

SEM: 2 CR: 1

Musical Theatre I-IV (9-12) – OFFERED AT TAFT HS ONLY

Musical Theatre will expose students to a wide range of onstage performance disciplines, including acting performance, vocal performance, and dance performance. Students will receive comprehensive and rigorous instruction in varied styles of musical theatre, with special attention to the top principles of stage movement, vocal technique, choreography, acting, and characterization. Musical Theatre students are required to participate in theatrical productions. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements.

PR: None

SEM: 2 CR: 1

Summer Fine Arts Camps in Band, Choir, Orchestra, Theatre, and Visual Arts may be available throughout the district.

Contact your campus Fine Arts instructors for detailed information.

Theatre III, (11-12)

Theater Arts III students will continue the study of theater with greater emphasis, on the historical evolution and cultural contributions of Theater, production styles, and performance. Students study basic components of production and apply them through performance. Increased attention is focused toward refined student creativity, poise, confidence, and individuality. Production work required. Enrollment in the course constitutes agreement to fulfill all curricular, co-curricular, and extra-curricular requirements.

PR: Theatre Arts II

SEM: 2 CR: 1

Theatre IV, Theatre Arts IV (12)

Theater Arts IV students will do advanced work in playwriting, casting, acting, directing, and set design, and will continue the study of theater with greater emphasis on the historical evolution and cultural contributions of theater, production styles, and performance. Students study basic components of production, and apply them through performance. The full complement of acting/directing skills afforded prepares students for extensive advanced theatre study. Production work required. Enrollment in the course constitutes agreement to fulfill all curricular, co-curricular, and extra-curricular requirements.

PR: Theatre Arts III

SEM: 2 CR: 1

Theatre I-IV, Theatre Production I-IV (9-12)

Theater Production provides practical hands-on experiences in acting and stagecraft through the preparation and public performances of plays. This curricular laboratory for the exploration, development, and synthesis of all the elements of theatre supplements other theatre and technical theatre courses that concentrate on theories, information and techniques by providing for the integration and implementation of those ideas and skills. This course requires a commitment of time outside the academic school day and a contract or agreement is expected. Course offered at some NISD High Schools.

PR: Audition

SEM: 2 CR: 1

JROTC

Aerospace Science 1 (9-12)

(AS-100) A Journey into Aviation History is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history. **(LE-100) Traditions, Wellness and Foundations of Citizenship** introduces students to history, organization, mission, traditions, goals, and objectives of JROTC for all services. It introduces key military customs and courtesies, how to project a positive attitude, and examines the principles of ethical and moral behavior. It provides strategies for effective note taking and study skills for academic success.

PR: None

Aerospace Science 2 (10-12)

Option 1 - (AS-200) The Science of Flight: A Gateway to New Horizons focuses on how airplanes fly, how weather conditions affect flight, flight and the human body, and flight navigation. The course is designed to complement materials taught in math, physics, and other science-related courses and is aligned with the National Science Education Standards, the Math Standards and Expectations, and ISTE National Educational Technology Standards for Students. **Option 2 - (AS-220) Cultural Studies: An Introduction to Global Awareness** introduces students to the world's cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region. **(LE-200) Communication, Awareness, and Leadership** stresses communications skills and cadet corps activities. Information is provided on communicating effectively, understanding groups and teams, preparing for leadership, solving conflicts and problems, and personal development.

PR: Aerospace Science 1

Aerospace Science 3 (10-12)

(AS-300) Exploring Space: The High Frontier is a study of the space environment from the earliest days of interest in astronomy and early ideas of the heavens, through the Renaissance, and on into modern astronomy. It provides an in-depth study of the Earth, Sun, stars, Moon, and solar system, including the terrestrial and the outer planets. It investigates the importance of entering space and discusses manned and unmanned space flights, focusing on concepts surrounding spaceflight, space vehicles, launch systems, and space missions. **(LE-300) Life Skills and Career Opportunities** is designed to prepare students for life after high school in the high-tech, globally oriented, and diverse workplace of the 21st century. Students learn how to become a more confident financial planner and to save, invest, and spend money wisely, as well as how to avoid the credit trap. Students learn about real-life issues such as understanding contracts, leases, warranties, legal notices, personal bills, practical and money-saving for grocery shopping, apartment selection and life with roommates. Students learn how to apply for vocational or technical school, community college, or a college/university.

PR: Aerospace Science 1

Aerospace Science 4 (12)

Option 1 - (AS-400) Management of the Cadet Corps allows students to manage the entire corps during their fourth year in the Air Force Junior ROTC program. This hands-on experience affords students the opportunity to put theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, controlling, and decision-making are done by students. Students put into practice their communication, decision-making, personal-interaction, managerial, and organizational skills. **(LE-400) Principles of Management** exposes students to the fundamentals of management and provides them with necessary skills needed to put into practice what they have learned during their time in AFJROTC.

PR: Aerospace Science 1

Option 2 - (AS-410) Survival provides training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival. Survival also presents "good to know" information that would be useful in any situation.

PR: Aerospace Science 1

Option 3- (AS-500) Aviation Honors Ground School is the foundation for students interested in receiving a private pilot's license. The material covered is an advanced, more in-depth study of aerospace topics. When the course is completed students should be prepared to take and pass the Federal Aviation Administration (FAA) written examination.

PR: Aerospace Science 200, The Science of Flight: A Gateway to New Horizons

(LE-500) Drill and Ceremonies provides an in-depth introduction to drill and ceremonies. The course concentrates on the elements of military drill, and describes individual and group precision movements, procedures for saluting, drill, ceremonies, reviews, parades and development of the command voice.

PR: None

The Wellness Program is the Aerospace Science Physical Fitness Course (PE credit is given to AFJROTC students). The program focuses on individual base line improvement with the goal of achieving a national standard as calculated with age and gender.

PR: None

Sequencing of Air Force Junior ROTC courses may not be the same at all campuses. Please consult the campus Air Force Junior ROTC syllabus for the proper sequence of courses.

Naval Science 1 (9-12)

The first year of Naval Science focuses on military drill, military etiquette, naval customs and traditions, and physical fitness. Leadership and communication skills, Sea Power and the role of naval forces in history are also covered. The first year student will also be exposed to the sport of air rifle shooting with emphases on safety.

PR: None

SEM: 2 CR: 1

Naval Science 2 (10-12)

The Naval Science 2 curriculum builds on the leadership and military drill foundations established in Naval Science-1. Academics include Maritime Military History and Sciences to include geography, oceanography, meteorology, astronomy, and physical science. Cadets will also be given opportunities for hands-on leadership experience.

PR: NS-1 or equivalent

SEM: 2 CR: 1

Naval Science 3 (11-12)

Naval Science 3 is all about leadership development. These are the cadets who will be running our Corps the next year. Cadets are placed in leadership roles and are given the opportunity to be "in charge." They are expected to take the initiative, lead by example, and demonstrate they are ready to accept additional responsibility. Physical fitness and military drill is also emphasized. The college admission process and the importance of continuing education after high school are stressed.

PR: NS-2 or equivalent

SEM: 2 CR: 1

Naval Science 4 (12)

This is the year cadets are "in charge". They are placed in leadership positions from the commander, supply, administration and operations and are held accountable. This is the graduation exercise for leadership. Cadets learn first hand what it takes to be a manager and a leader. They also command our drill teams, air rifle teams, physical fitness and academic teams.

PR: NS-3 or equivalent

SEM: 2 CR: 1

Naval Science: Drill Team/Rifle Team (9-12)

For Drill Team/Air Rifle Team Members Only. SEM: 2 CR:0

Technology Applications

Digital Design & Media Production (9-12)

Students will demonstrate creative thinking, develop innovative strategies, and use communication tools in order to work effectively with others as well as independently. Students will gather information electronically, which will allow for problem solving and making informed decisions regarding media projects. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. They will demonstrate a thorough understanding of digital design principles that is transferable to other disciplines. The technology applications curriculum has six strands based on National Educational Technology Standards for Students and performance indicators developed by the International Society for Technology in Education: creativity and innovation; communication and collaboration; research and information fluency; critical thinking, problem solving, and decision making; digital citizenship; and technology operations and concepts. SEM: 2 CR: 1

Digital Video & Audio Design (11-12)

Students will create video products for a variety of purposes and audiences. A variety of development tools and compression techniques will be used. Topics of study include: composition, lighting, audio, camera techniques, storyboarding, script writing, production, contracting, and scheduling, linear

and non-linear editing, control and time coded tracks, transitions, audio levels, background music, special sound effects, character generators, fonts, colors, and principles of compositions to create graphic images. The technology applications curriculum has six strands based on National Educational Technology Standards for Students and performance indicators developed by the International Society for Technology in Education: creativity and innovation; communication and collaboration; research and information fluency; critical thinking, problem solving, and decision making; digital citizenship; and technology operations and concepts. SEM: 2 CR: 1

JROTC CLASSES

Air Force: Brandeis, Brennan, Clark, Holmes, Jay, O'Connor, Taft / Communications Arts, Warren, and Stevens.
Naval Science: Marshall only

Web Design (9-12)

Students will create interactive Web sites for authentic customers, using specific authoring tools and established design principles. A variety of Web development tools will be used. Topics of study include: the structure and functionality of WWW sites, design elements, graphics and animation, HTML, WYSIWYG editors, and JavaScript. The technology applications curriculum has six strands based on National Educational Technology Standards for Students and performance indicators developed by the International Society for Technology in Education: creativity and innovation; communication and collaboration; research and information fluency; critical thinking, problem solving, and decision making; digital citizenship; and technology operations and concepts. SEM: 2 CR: 1

Digital Art & Animation (9-12)

Students will create graphics, animation, lettering, and other digital images for use in products such as web designs, videos, and diverse forms of electronic & print media. A variety of development tools will be used. Topics of study include graphic design, advertising, web design, animation, corporate communications, illustration, character development, script writing, storyboarding, directing, producing, inking, project management, editing, and the magazine, television, film, and game industries. The technology applications curriculum has six strands based on National Educational Technology Standards for Students and performance indicators developed by the International Society for Technology in Education: creativity and innovation; communication and collaboration; research and information fluency; critical thinking, problem solving, and decision making; digital citizenship; and technology operations and concepts. This course satisfies fine arts graduation requirement. SEM: 2 CR: 1

Web Design Online (10-12)

This two-semester Technology Applications course is 100% online. The online course contains the same content as the traditional Web Design course, but students will access the course from a computer at home outside of the regular school day. Generally, a student will devote a minimum of five hours per week on coursework. Student qualifies for success in this online course include: strong reading and writing skills, ability to make decisions and solve problems creatively, responsible and self-directed, possess honesty and integrity, excel at time management and possess exemplary organizational skills. The technology applications curriculum has six strands based on National Educational Technology Standards for Students and performance indicators developed by the International Society for Technology in Education: creativity and innovation; communication and collaboration; research and information fluency; critical thinking, problem solving, and decision making; digital citizenship; and technology operations and concepts. SEM: 2 CR: 1

Fundamentals of Computer Science Pre AP (9-12)

Fundamentals of Computer Science Dual (11-12)

College credit course-Northwest Vista College

Introductory Computer Science course, introduces students to programming concepts through object oriented programming, data analysis, computational artifacts, and html. The technology applications curriculum has six strands based on National Education Technology Standards: Creativity and Innovation, Communication and Collaboration, Research & Information Fluency, Critical thinking, Problem Solving & Decision Making, Digital Citizenship, and Technology Operations & Concepts. PR: None SEM:2 CR: 1

Computer Science 1 PreAP (9-12)

Basic computer programming course allowing students the opportunity to design, implement, and present meaningful programs through a variety of media. Students will use data analysis to assess, analyze, and evaluate information needed to solve problems. Students will create display interfaces, develop, test, and debug programs. PR: Algebra 1 SEM: 2 CR: 1

Computer Science 2 AP (10-12)

Computer Science 2 DC ((11-12)

College credit course-Northwest Vista College

Extends student knowledge from CS1, by presenting additional opportunities to utilize data analysis to create computer interfaces, using algorithms, multiclass programs, class hierarchy, in various interfaces. Students will have opportunity to earn college credit through Advanced Placement exam administered by College Board, or Dual Credit (Juniors/Seniors) through agreement with NW Vista for COSC 1337

PR: Algebra 1 AND

SEM: 2 CR: 1

CS1 OR Fundamentals

Computer Science 3 H/DC (11-12)

CS3 H/DC: Extends student knowledge from the previous years of study. Students produce independent projects through in depth study of selected topics based on Computer Science coursework, student interest, hardware and software resources. (Pending Northwest Vista Approval)

PR: Computer Science 2

SEM: 2 CR: 1

Special Education Employability Continuum

Career Investigations A/B (9-11)

Career Investigations A/B are locally-developed courses offered for local credit to students receiving special education services. Topics focus on job skills, training skills, social skills needed for employability and independent living. This course could include a Student-Run Business in a Work Center. The course provides an introduction to the world of work in order to facilitate successful transition planning.

Career Preparation (10-12)

Career Preparation is a locally-developed course offered for local credit to students receiving special education services with a focus on applying employment-related skills in training activities. Topics include productive work habits and attitudes, process of career planning and employment, and the effects of change in the work place. The educational setting for this course is the classroom, the campus community and/or training sites in the community. The course is designed to prepare students for competitive employment and independent living.

Personal Marketing Co-op (11-12)

Personal Marketing Co-op is a locally-developed course offered for local credit to students receiving special education services. Classroom-based instruction focuses on developing personal management skills related to obtaining and maintaining competitive employment, independent living, personal money management, and transitioning from school to work. Work-site performance is monitored by school staff. The course is designed to hone skills of students for competitive employment and independent living.

Career & Technology Education Courses

Agriculture Science

Sandra Day O'Connor

- Agriculture Business
- Animal Science
- Agriculture Mechanics
- Horticulture

Principles of Agriculture, Food, & Natural Resources (9-10)

Students develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations in agriculture, food, and natural resources.

PR: None

SEM: 2 CR: 1

Professional Standards in Agribusiness (9-12)

Students will develop skills in leadership, communication, employer-employee relations, and problem solving as they relate to agribusiness. Students will investigate agricultural career opportunities, entry requirements, and industry expectations.

PR: Principles of Agriculture, Food, & Natural Resources

SEM: 1 CR: 1/2

Wildlife, Fisheries, and Ecology Management (10-12)

This course examines the management of game and non-game wildlife species, fish, and aquacrops and their ecological needs as related to current agricultural practices.

PR: Principles of Agriculture, Food, & Natural Resources

SEM: 2 CR: 1

Agribusiness Management and Marketing (10-12)

This course provides a foundation to agribusiness management and the free enterprise system. Instruction includes the use of economic principles such as supply and demand, budgeting, record keeping, finance, risk management, business law, marketing, and careers in agribusiness.

PR: Professional Standards in Agribusiness

SEM: 2 CR: 1

Advanced Animal Science (12)

This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Students will analyze the nature of science, systems, and models to gather information and make predictions, decisions, and solve problems in animal science.

PR: Coherent sequence in Ag cluster SEM: 2 Science CR: 1

Advanced Plant & Soil Science (12)

Students in Plant and Soil Science will conduct investigations, laboratory practices, and field exercises to develop an understanding of current plant and soil science. Students will be prepared for careers in the food and fiber industry.

PR: Coherent sequence in Ag cluster SEM: 2 Science CR: 1

Practicum in Agriculture, Food, and Natural Resources (12)

This is a capstone experience for students participating in a coherent sequence of the Agriculture, Food, and Natural Resources cluster. Students apply knowledge and skills in real world situations such as employment, independent study, internships, assistantships, mentorships, or laboratories.

PR: Coherent sequence in Ag cluster

SEM: 2 CR: 2

Career Preparation Agriculture (11-12)

Students must maintain part-time employment in an approved agriculture training station and attend school at least three hours per day.

PR: Coherent sequence in Ag cluster

SEM: 2 CR: 3

Equine Science (10-12)

Focuses on selection, nutrition, reproduction, health, and management of horses. Students will learn about career opportunities, entry requirements, and industry expectations. Suggested animals which may be included in the course of study include, but are not limited to, horses, donkeys, and mules.

PR: Wildlife, Fisheries, and Ecology Mgt.

SEM: 2 CR:1

Livestock Production (10-12)

Introduces veterinary skills and procedures used on livestock, anatomy of livestock, genetics and reproduction, and diseases that can affect all livestock animals. Animal species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry.

PR: Wildlife, Fisheries, and Ecology Mgt.

SEM: 2 CR:1

Agricultural Mechanics and Metal Technologies (10-12)

This course focuses on power, structural, and technical agricultural systems. Tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques are studied. Students will investigate career opportunities, entry requirements, industry certifications, and industry expectations.

PR: Principles of Agriculture, Food, & Natural Resources

SEM: 2 CR: 1

Agricultural Facilities Design and Fabrication (11-12)

Prepares students for careers in mechanized agriculture and technical systems, related to agricultural facilities design and fabrication. Students explore career opportunities, entry requirements, and industry expectations.

PR: Agricultural Mechanics and Metal Technologies

SEM: 2 CR: 1

Agricultural Power Systems (11-12)

Students will understand power and control systems as related to energy sources, small and large power systems, and agricultural machinery. Students will learn about career opportunities, entry requirements, industry certifications, and industry expectations.

PR: Agricultural Facilities Design & Fabrication

SEM: 2 CR: 1

Principles and Elements of Floral Design (9-12)

This course develops students' ability to identify and demonstrate the principles and techniques related to floral design and develop an understanding of the management of floral enterprises.

PR: Principles of Agriculture, Food, & Natural Resources

SEM: 2 CR: 1

Landscape Design & Turf Management (10-12)

Students will develop an understanding of horticulture systems and landscape and turf grass management techniques and practices. Students will investigate career opportunities, entry requirements, and industry expectations.

PR: Principles and Elements of Floral Design SEM: 2 CR: 1

Horticulture Science (10-12)

Students will gain an understanding of common horticultural management practices as they relate to food and ornamental plant production. Students will develop knowledge and skills regarding career opportunities in horticulture, including entry requirements, and industry expectations.

PR: Principles and Elements of Floral Design SEM: 2 CR: 1

Architecture And Construction

- Construction Management
- Construction Technology
- Architecture
- Interior Design

Principles of Architecture & Construction (9-10)

An overview of architecture, interior design, construction science, and construction technology. Technical skills introduced include safety, the use of hand tools and power tools, rigging, and reading technical drawings. Students will be expected to develop an understanding of the various educational requirements and career opportunities in this cluster.

PR: None SEM: 2 CR: 1

Architectural Design (10-12)

A focus on design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for commercial or residential architectural purposes.

PR: Principles of Architecture & Construction SEM: 2 CR: 1

Advanced Architectural Design (11-12)

Students acquire the advanced knowledge of design, design history, design techniques, and tools related to the production of drawings, renderings, and scaled models for commercial or residential architectural purposes. Students gain knowledge and skills specific to those needed to prepare for a postsecondary degree or entry into an architecture or construction related field.

PR: Architectural Design SEM: 2 CR: 2

Practicum in Architectural Design (12)

A course designed to provide technical instruction in architectural design. Safety and career opportunities are included in addition to work ethics and architectural design study. Instruction may be delivered through laboratory training, independent study, or career preparation arrangements.

PR: Advanced Architectural Design SEM: 2 CR: 2

Construction Management (10-12)

Students use design techniques and tools related to the management of architectural and engineering projects. Students will develop an understanding of the various educational requirements and career opportunities in architecture, construction science, drafting, or engineering.

PR: Principles of Architecture & Construction SEM: 2 CR: 1

Advanced Construction Management (11-12)

Students use advanced knowledge of design techniques and tools related to the management of architectural and engineering projects. Students gain knowledge and skills needed to enter the work force as carpenters or building maintenance supervisors, or prepare a foundation toward a postsecondary degree.

PR: Construction Management SEM: 2 CR: 2

Practicum in Construction Management (12)

This course provides classroom technical instruction or on-the-job training experiences. Included are safety, career opportunities, work ethics and job related study in the classroom. Instruction may be delivered through laboratory training or through career preparation delivery arrangements.

PR: Advanced Construction Mgt. or Advanced Construction Tech SEM: 2 CR: 2

Construction Technology (10-12)

Students introduced to safety, tool usage, building materials, codes and framing. Students will develop an understanding of the various educational requirements and career opportunities in construction management, architecture, or engineering.

PR: Principles of Architecture & Construction SEM: 2 CR: 1

Advanced Construction Technology (11-12)

In addition to skills learned in Construction Technology, students acquire exterior and interior finish out skills. Students gain advanced knowledge and skills specific to those needed to enter the work force as carpenters, building maintenance technicians, or supervisors or prepare for a postsecondary degree in construction management, architecture, or engineering.

PR: Construction Technology SEM: 2 CR: 2

Interior Design (10-12)

A technical course that addresses the needs of individuals by enhancing the environments in which they live and work. Students will use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, and compete in industry.

PR: Prin. of Human Services SEM: 2 CR: 1

Advanced Interior Design (11-12)

A technical laboratory course that includes the knowledge of employability characteristics, principles, processes, technologies, communication, tools, equipment, and materials related to residential and commercial interior design.

PR: Interior Design SEM: 2 CR: 1

Practicum in Interior Design (12)

This is an occupationally-specific course designed to provide classroom technical instruction. Job-specific skilled training is provided through the use of laboratory training or training plans by local training sponsors in areas compatible with identified career goals in interior design. In addition, students are expected to develop knowledge and skills in housing, furnishings, and equipment construction or housing, furnishings, and equipment management and services.

PR: Advanced Interior Design SEM: 2 CR: 2

Electrical Technology (10-12)

A course in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications. (CCA Only)

PR: Construction Technology SEM: 2 CR: 1

Advanced Electrical Technology (11-12)

Students acquire knowledge and skills in alternating current and direct current motors, conductor installation, installation of electrical services, and electric lighting installation. Students gain advanced knowledge and skills specific to those needed to enter the work force as an electrician, building maintenance technician, or supervisor, or prepare for a postsecondary degree in construction. (CCA Only)

PR: Electrical Technology SEM: 2 CR: 2

HVAC & Refrigeration Technology (10-12)

A course in safety, principles of HVAC theory, tools, codes, and installation of HVAC and refrigeration equipment. Students investigate requirements for employment and related post-secondary education. (CCA Only)

PR: Construction Technology SEM: 2 CR: 2

Advanced HVAC & Refrigeration Technology (11-12)

Course focuses on safety, electrical theory, tools, codes, installation of commercial HVAC equipment, heat pumps, trouble shooting techniques, various duct systems, and maintenance practices. Students gain knowledge and skills specific to those needed to enter the industry as HVAC and refrigeration technicians, building maintenance technicians or supervisors, or prepare for a postsecondary degree. (CCA Only)

PR: HVAC & Refrigeration Technology SEM: 2 CR: 2

Art, A/V Technology, & Communications

- Graphic Design
- Audio Visual Technology
- Fashion Design
- Animation

Principles of Arts, Audio/Video Technology, and Communications (9-10)

Students utilize state-of-the-art computer applications to develop fundamental skills in art, animation, audio/video production, graphic design, photography, and fashion design. Students identify target audiences and media to create projects and presentations utilizing the elements and principles of design, email, the Internet, and computer applications. Students develop an understanding of the various career opportunities in this cluster as well as the knowledge, skills, and educational requirements for those careers.

PR: None SEM: 1 CR: ½

Professional Communications (9-10)

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

PR: None SEM: 1 CR: ½

Animation (11-12)

Careers in animation span all aspects of motion graphics. In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the history and techniques of the animation industry.

PR: Digital & Interactive Media SEM: 2 CR: 1

Advanced Animation (11-12)

In addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to create two- and three-dimensional animations.

PR: Animation SEM: 2 CR: 2

Audio/Video Production (10-12)

Students will develop an understanding of the Arts, Audio/Video Technology, and Communications industry with a focus on pre-production, production, and post-production audio and video activities.

PR: Prin. of Arts, A/V Tech., & Communications or Principles of Information Technology SEM: 2 CR: 1

Advanced Audio/Video Production (11-12)

Students develop an advanced understanding of the Audio/Video Production industry with a focus on pre-production, production, and post-production activities. This course may be implemented in an advanced audio format or an advanced format, including both audio and video.

PR: Audio/Video Production SEM: 2 CR: 2

Practicum in A/V Production (12)

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video activities in a studio environment. This course may be implemented in an advanced audio, video, or animation format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

PR: Advanced A/V Production SEM: 2 CR: 2

Graphic Design and Illustration (10-12)

Students will be expected to develop an understanding of the advertising and visual communications industry with a focus on fundamental elements and principles of design, visual art, graphic design and illustration.

PR: Prin. of Arts, A/V Technology, & Communications or Principles of Information Technology SEM: 2 CR: 1

Advanced Graphic Design and Illustration (11-12)

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Students will develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

PR: Graphic Design and Illustration SEM: 2 CR: 2

Practicum in Graphic Design & Illustration (12)

Students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

PR: Advanced Graphic Design and Illustration or Advanced Commercial Photo SEM: 2 CR: 2

Commercial Photography (10-12)

Commercial photography skills span all aspects of the industry from setting up a shot to delivering products in a competitive market. Students will be expected to develop an understanding of the industry with a focus on creating quality photographs.

PR: Principles of Information Technology or Prin. of Arts, A/V Technology, & Communications SEM: 2 CR: 1

Advanced Commercial Photography (11-12)

Students will develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

PR: Commercial Photography SEM: 2 CR: 2

Fashion Design (10-12)

This laboratory course focuses on careers in the fashion and textile/apparel industries. Students will be exposed to the apparel production process from design concept to finished product. Course content includes apparel construction, care, and maintenance.

PR: Principles of Human Services SEM: 2 CR: 1

Advanced Fashion Design (11-12)

This advanced laboratory course focuses on careers in the fashion and textile/apparel industries. Students will be expected to develop an advanced understanding of fashion, with an emphasis on design and production.

PR: Fashion Design SEM: 2 CR: 2

Practicum in Fashion Design (12)

Students will be expected to develop an advanced technical understanding of the business aspects of fashion, with emphasis on promotion and retailing. Instruction may be delivered through lab based classroom experiences or career preparation opportunities.

PR: Advanced Fashion Design SEM: 2 CR: 2

Business Management & Administration Finance Marketing

- Business Management & Administration
- Finance
- Marketing, Sales & Service

Principles of Business, Marketing, & Finance (9-10)

Course focuses on economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles.

PR: None SEM: 2 CR: 1

Business Information Management I (9-12)

Students address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software. (HCHS Only)

PR: None SEM: 2 CR: 1

Business Law (10-12)

Students analyze the social responsibility of business and industry relating the legal environment, business ethics, torts, contracts, negotiable financial instruments, personal property, sales, business organizations, concept of agency and employment, and real property. Students address business applications of legal issues to make appropriate business decisions.

PR: Principles of Business, Mkt, & Finance SEM: 1 CR: ½

Global Business (10-12)

Focuses on global business applications of emerging technologies. Students develop a foundation in the economical, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs.

PR: Principles of Business, Mkt, & Finance SEM: 1 CR: ½

Business Management (11-12)

Students analyze the primary functions of management and leadership incorporating social responsibility of business and industry. Students develop a foundation in various aspects of business to become competent managers, employees, and entrepreneurs. Students integrate the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate management decisions.

PR: Business Law & Global Business SEM: 2 CR: 1

Problems and Solutions in Business (11-12)

A course in which students develop a project based on a business related topic of their choice, using scientific methods of investigation to conduct in depth research. (BCHS Only)

PR: Coherent sequence in Business SEM: 2 CR: 1

Money Matters (10-12)

Students investigate global economics with an emphasis on the free enterprise system. Students analyze financial options based on current and projected economic factors and set long-term financial goals, achievable through investment, tax planning, asset allocation, risk management, retirement planning, and estate planning.

PR: Principles of Business, Marketing, and Finance SEM: 1 CR: ½

Banking and Financial Services (10-12)

Students develop knowledge and skills in all aspects of banking to become competent consumers, employees, and entrepreneurs. Students incorporate a broad base of knowledge that includes the operations, sales, and management of banking institutions to gain a complete understanding of how banks function within society.

PR: Principles of Business, Marketing, and Finance SEM: 1 CR: ½

Accounting I (11-12)

Students utilize knowledge to engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information based on various accounting industry standards. Students formulate and interpret financial information for use in management decision making.

PR: Banking & Financial Services & Money Matters SEM: 2 CR: 1

Accounting II (12)

Provides further development of accounting principles with extensive use of technology; incorporates complete accounting cycle in relation to formation and dissolution of partnerships, characteristics of corporate organization and ownership; provides experience in initiating and maintaining an accounting system and in analyzing, interpreting and synthesizing managerial problems using accounting information. Designed for students interested in continuing at the post-secondary level or entering the workforce.

PR: Accounting I SEM: 2 CR: 1

Entrepreneurship (11-12)

Course focuses on analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. Students will learn the knowledge and principles necessary to become an entrepreneur and begin and operate a business.

PR: Retailing and E-tailing & Sports and Entertainment Marketing SEM: 2 CR: 1

Retailing and E-tailing (10-12)

Students will develop skills using the electronic media techniques necessary for a business to compete in a global economy. Students will coordinate online and off-line marketing. Students will demonstrate critical-thinking skills using decision-making models, case studies, various technologies, and business scenarios.

PR: Principles of Business, Marketing, and Finance SEM: 1 CR: ½

Sports and Entertainment Marketing (10-12)

Focuses on basic sports marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and implementation of sports and entertainment marketing plans. Students will develop promotional plans, sponsorship proposals, endorsement contracts, sports and entertainment marketing plans, and evaluation and management techniques.

PR: Principles of Business, Marketing, and Finance SEM: 1 CR: ½

Career Preparation Business & Marketing (11-12)

Students spend one hour in class each day and a minimum of 15 hours on the job each week. Some of the areas of employment include: banking, office administration, retailing.

PR: Coherent Sequence SEM: 2 CR: 3

Information Technology

- Information Technology
- Graphic Design
- Audio Visual Technology
- Computer Technician
- Computer Programming

Principles of Information Technology (9-10)

Principles of Information Technology Dual (9-12)

College credit course-Northwest Vista College

Students use emerging technologies, demonstrate ethical use of the Internet and explain issues concerning Internet security protocols. Students identify computer hardware components and demonstrate an understanding of file extensions. Students produce and format various documents with both text and graphics, input formulas and utilize preprogrammed functions in documents and tables. Students apply design and web publishing techniques.

PR: None SEM: 2 CR: 1

Computer Maintenance (10-12)

Students acquire knowledge of the principles of computer maintenance, including electrical and electronic theory, computer hardware principles, and broad level components related to the installation, diagnosis, service, and repair of computer systems.

PR: Principles of Information Technology or Electronics SEM: 2 CR: 1

Telecommunications and Networking (11-12)

Students develop knowledge of the concepts and skills related to telecommunications and data networking technologies and practices in order to apply them to personal or career development.

PR: Computer Maintenance SEM: 2 CR: 1

Computer Technician (11-12)

Focuses on computer technologies, including advanced knowledge of electrical and electronic theory, computer principles, and components related to the installation, diagnosis, service, and repair of computer-based technology systems. The course may be conducted either in a classroom setting with an instructor, with an industry mentor, or both.

PR: Telecommunications and Networking SEM: 2 CR: 2

Computer Programming (10-12)

Students acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students apply technical skills to address business applications of emerging technologies.

PR: Principles of Information Technology SEM: 2 CR: 1

Video Game Design (11-12)

The student will be provided the opportunity to design, program, and create a functional video game. The course will introduce basic programming language and skills that are essential to developing a video game. Topics covered are math, physics, design, and computer programming.

PR: Computer Programming SEM: 2 CR: 1

Advanced Computer Programming (11-12)

Students expand their knowledge and skills in structured programming techniques and concepts by addressing more complex problems and developing comprehensive programming solutions. Students apply technical skills to address business applications of emerging technologies.

PR: Video Game Design SEM: 2 CR: 1

Digital and Interactive Media (10-12)

Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve problems.

PR: Principles of Information Technology or Prin. of Arts, A/V Technology, & Communications SEM: 2 CR: 1

Research in Information Technology Solutions Dual (ITSA Yr. 1) (11)

Research in Information Technology Solutions II Dual (ITSA Yr. 2) (12) (College credit courses-St. Philip's Southwest Campus)

Information Technology and Security Academy is a two-year technical dual credit program for high school juniors and seniors. Students receive specialized instruction and training from college professors in Information Technology, Operating Systems, Networking, Information Security, and Computer Programming. In addition, students are eligible to participate in the summer internship program.

PR: Application and acceptance into ITSA SEM: 2 CR: 3 each year

Internetworking Technologies CISCO I (10-12)

Internetworking Technologies CISCO II (10-12)

A program that prepares students to take the Cisco Certified Network Administrator Certification Test. This certification will provide students with entry level positions in the Information Technology Industry. The course covers electricity/electronics, computer systems, data communications, trouble-shooting devices, and career opportunities. (BCHS only)

PR: Concepts of Engineering Technology SEM: 2 CR: 1 each year

Education & Training

Human Services

Hospitality & Tourism

- Human Services
- Cosmetology
- Culinary Arts
- Hospitality & Tourism
- Education & Training

Principles of Human Services (9-10)

Students assess the relationship between health and wellness and personal and professional achievement. Students evaluate the effects of crises, stress, and domestic violence on individuals and the family and recognize appropriate responses and management strategies. Students identify the basic needs of children as well as caregiver guidelines that promote safe and healthy child development. Students create meals according to dietary guidelines. Students create written and electronic records of client services for cosmetology, fashion design, and interior design.

PR: None SEM: 2 CR: 1

Interpersonal Studies (10-12)

Examines how the relationships between individuals and among family members significantly affect the quality of life. Students learn to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

PR: Principles of Human Services SEM: 1 CR: ½

Lifetime Nutrition and Wellness (10-12)

Students use principles of lifetime wellness and nutrition to make informed choices that promote wellness and to pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

PR: Principles of Human Services SEM: 1 CR: ½

Child Development (10-12)

This course addresses child growth and development from prenatal through school-age children. Students use skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

PR: Principles of Human Services SEM: 1 CR: ½

Child Guidance (11-12)

This course addresses child growth and guidance. Students are equipped to develop positive relationships with children and effective caregiver skills in order to promote the well-being and healthy development of children and pursue careers related to the care, guidance, and education of children.

PR: Child Development and Interpersonal Studies SEM: 2 CR: 2

Cosmetology I (10-12)

A laboratory course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. PR: Principles of Human Services

SEM: 2 CR: 3

Cosmetology II (11-12)

This course provides advanced training for employment in cosmetology careers. Instruction includes advanced training in sterilization and sanitation processes, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. PR: Cosmetology I SEM: 2 CR: 3

Instructional Practices in Education & Training (11-12)

The first year of an internship providing students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students plan and direct instruction and activities under the direction of both a teacher with knowledge of early childhood education and educators in direct instructional roles with elementary and middle school-aged students.

PR: Child Development and Interpersonal Studies SEM: 2 CR: 2

Practicum in Education and Training (12)

The second year of an internship providing advanced knowledge of child and adolescent development as well as effective teaching and training practices. Students work with elementary and middle school-aged students. Students plan and direct instruction and activities, develop and prepare instructional materials, assist with record keeping, and complete other responsibilities of educational professionals and personnel.

PR: Instr. Practices in Edu. & Training or Child Guidance SEM: 2 CR: 2

Hotel Management (10-12)

This course emphasizes the knowledge and skills needed to pursue staff and management positions available in the hotel industry. This course will focus on professional communication, leadership, management, human resources, technology, and accounting.

PR: Principles of Human Services SEM: 1 CR: ½

Restaurant Management (10-12)

This course emphasizes the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant.

PR: Principles of Human Services SEM: 1 CR: ½

Travel and Tourism Management (10-12)

This course incorporates management principles and procedures of the travel and tourism industry including destination geography, airlines, international travel, cruising, travel by rail, lodging, recreation, amusements, attractions, and resorts. Employment qualifications and opportunities are included in this course.

PR: Principles of Human Services SEM: 1 CR: ½

Culinary Arts (11-12)

Teaches the fundamentals and principles of the art of cooking, the science of baking, and management and production skills and techniques. Students can pursue appropriate industry certifications. This course may be offered as a laboratory-based or internship course.

PR: Lifetime, Nutrition and Wellness SEM: 2 CR: 2

Practicum in Culinary Arts (12)

Students learn employability skills, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Instruction may be delivered through school-based laboratory training or through work-based arrangements.

PR: Culinary Arts SEM: 2 CR: 2

Hospitality Services (11-12)

Provides students with hands-on and project-based preparation to pursue careers in hospitality related industries. Students are prepared for nationally recognized industry certifications, postsecondary education, and entry-level careers. Instruction may be delivered through laboratory training or through internships, mentoring, or job shadowing.

PR: Travel and Tourism & Hotel Mgt. SEM: 2 CR: 2

Practicum in Hospitality Services (12)

Combines classroom instruction with actual business and industry career experiences. Students are taught employability skills, job-specific skills applicable to their training plan, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students are effectively prepared for college and career success.

PR: Hospitality Services SEM: 2 CR: 2

Food Science (11-12)

A study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. Students conduct laboratory and field investigations using scientific methods.

PR: Culinary Arts SEM: 2 Science CR: 1

FCS Career Preparation (11-12)

Students spend one hour in class each day and a minimum of 15 hours on the job each week. Some of the areas of employment include: clothing and home furnishings, child care, food service, hotel and hospitality services.

PR: Coherent Sequence SEM: 2 CR: 3

HEALTH SCIENCE**Principles of Health Science (10-12)**

This course provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. Students will identify employment opportunities, technology, and safety requirements of each system.

PR: Medical Terminology SEM: 2 CR: 1

Medical Terminology (9)**Medical Terminology Dual (11-12) (College credit course-Northwest Vista College)**

This course introduces students to the structure of medical terms, medical abbreviations and acronyms. Students will achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

PR: None EM: 1 CR: ½

Health Science (11-12)

Course designed to develop health care specific knowledge and skills related to a variety of health careers. Students will have hands-on experiences by methods such as clinical rotation and career preparation learning.

PR: Principles of Health Science SEM: 2 CR: 2

Anatomy and Physiology (11-12)

Students study the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving.

PR: 3 credits of Science SEM: 2 Science CR: 1

Medical Microbiology (11-12)

Students explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases.

PR: 3 credits of Science SEM: 1 Science CR: ½

Pathophysiology (11-12)

Focuses on disease processes and how they affect humans, as well as prevention and treatment of disease. Students will differentiate between normal and abnormal physiology. Students will conduct laboratory and field investigations using scientific methods, critical thinking and scientific problem solving.

PR: 3 credits of Science SEM: 1 Science CR: ½

Practicum in Health Science (12)

A course designed to give students practical application of previously studied knowledge and skills for certification or licensure in an allied health career. Students develop advanced clinical skills necessary for employment in the health care industry or continued education in health careers.

PR: Health Science SEM: 2 CR: 2

Problems and Solutions in Pharmacology (12)

Students will study the classifications of drugs, drug actions, uses, and adverse reactions. In addition, they will study drugs in relation to treatment, care and restoration of health.

PR: Coherent sequence in Health Science SEM: 2 CR: 1

Problems & Solutions in Pharmacology Dual (11-12) (College credit course-Northwest Vista College)

PR: None SEM: 1 CR: 1

Career Preparation Health Science (11-12)

Students spend one hour in class each day and a minimum of 15 hours on the job each week. Student are employed in a health related field.

PR: Coherent Sequence SEM: 2 CR: 3

MANUFACTURING**Principles of Manufacturing (9-10)**

Students manage and market a manufacturing project. Students will create engineering drawings, use precision measuring instruments, manufacturing equipment, machines, and materials to improve an existing design or manufacture original products. Students comply with quality control standards. Students experiment with new technologies and report on innovative applications of engineering technology.

PR: None SEM: 2 CR: 1

Advanced Precision Metal Manufacturing Dual (ATMA Yr. 1) (11-12)**(College credit course-St. Philip's Southwest Campus)**

Advanced Technology & Manufacturing Academy students work with a variety of manufacturing materials such as metals, plastics, ceramics, and wood. Provides the knowledge, skills, and technologies required for employment in a globally competitive manufacturing environment. Students earn college credit for the manufacturing technology courses taught by the community college.

PR: Application and acceptance into ATMA SEM: 2 CR: 3

Flexible Manufacturing (10-12)

Flexible Manufacturing provides the knowledge, skills, and technologies required for employment in metal technology systems. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and manufacturing problems.

PR: Principles of Manufacturing SEM: 2 CR: 1

Advanced Flexible Manufacturing (11-12)

Advanced Flexible Manufacturing builds on knowledge and skills developed in Flexible Manufacturing. Students will develop advanced concepts and skills as they relate to personal and career development. This course integrates academic and technical knowledge and skills.

PR: Flexible Manufacturing SEM: 2 CR: 2

Manufacturing Engineering Dual (ATMA Yr. 2) (11-12)

(College credit course-St. Philip's Southwest Campus)

Advanced Technology & Manufacturing Academy students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems in manufacturing. Knowledge and skills in the proper application of manufacturing engineering, the design of technology, efficient manufacturing technology, and the assessment of the effects of production technology prepare students for success. Students earn college credit for the manufacturing technology courses taught by the community college.

PR: ATMA Year 1 SEM: 2 CR: 3

Practicum in Manufacturing (12)

The practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

PR: Advanced Flexible Manufacturing SEM: 2 CR: 2

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS

- Electronics
- Engineering

Concepts of Engineering and Technology (9-10)

This course provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Working on design teams, students will use multiple computer hardware and software applications to conduct research, design and create projects, and present ideas related to biotechnology, electronics, robotics, and automation. Students will use appropriate tools and demonstrate safe work habits.

PR: None SEM: 2 CR:

Career & Technology Education Student Certifications

Automotive Service Excellence (ASE)
Pharmacy Technician
ServSafe
CPR/AED
Sterile Processing & Distribution Technician
Computer Maintenance

Certified Nursing Assistant
Microsoft Office Specialist (MOS)
Registered Dental Assistant (RDA)
Adobe Certified Associate (ACA)
OSHA
National Center for Construction Education and Research (NCCER)

Cisco Certified Network Associate (CCNA)
Cosmetology
CompTIA A+

Engineering Design and Presentation (10-12)

Students will use multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes of engineering designs. Students will implement the design process to transfer advanced academic skills to component designs. Students explore entry level requirements and career opportunities in engineering, technology, and drafting.

PR: Concepts of Engineering and Technology SEM: 2 CR: 1

Advanced Engineering Design and Presentation (11-12)

This course will provide students the opportunity to master computer software applications in a variety of engineering and technical fields. This course further develops the process of engineering thought and application of the design process.

PR: Engineering Design and Presentation SEM: 2 CR: 2

Electronics (10-12)

Students demonstrate knowledge and applications of circuits, electronic measurement, and electronic implementation. Students use a variety of computer hardware and software applications to complete assignments and projects.

PR: Concepts of Engineering and Technology SEM: 2 CR: 1

Robotics and Automation (11-12)

Through implementation of the design process, students will transfer advanced academic skills to component designs in a project-based environment. Students will build prototypes or use simulation software to test their designs. Additionally, students explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

PR: Engineering Design & Presentation SEM: 2 CR: 1

Practicum in Science, Technology, Engineering & Mathematics (12)

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the science, technology, engineering, and mathematics career cluster.

PR: Robotics & Automation or Advanced Engineering Design & Presentation SEM: 2 CR: 2

TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

- Automotive
- Collision
- Alamo Area Academies

Energy, Power, and Transportation Systems (9-10)

Students will understand the interaction between various vehicle systems, the logistics used to move goods and services to consumers, and the components of transportation infrastructure. Students will understand technologies used to provide products and services in a timely manner and be able to meet the expectations of industry employers.

PR: None SEM: 2 CR: 1

Automotive Technology (10-12)

Students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices.

PR: Energy, Power & Transportation SEM: 2 CR: 1

Advanced Automotive Technology (11-12)

A continued study in the repair, maintenance, and diagnosis of vehicle systems. Students acquire advanced knowledge in the theory of operation of automotive vehicle systems and associated repair practices.

PR: Automotive Technology SEM: 2 CR: 2

Collision Repair and Refinishing (10-12)

Collision repair and refinishing services include the knowledge of the processes, technologies, and materials used in the reconstruction and alteration of vehicles.

PR: Energy, Power & Transportation SEM: 2 CR: 2

Advanced Collision Repair & Refinishing (11-12)

This course focuses on the application of advanced technical skills and practices related to collision repair and refinishing. Provides training for entry level employment in the collision repair and refinishing industry.

PR: Collision Repair and Refinishing SEM: 2 CR: 2

Practicum in Transportation, Distribution, and Logistics (12)

Course designed to give students supervised practical application of knowledge and skills in transportation, distribution, or logistics related field. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories.

PR: Advanced Automotive Technology or Advanced Collision Repair & Refinishing SEM: 2 CR: 2

Practicum in Transportation, Distribution, and Logistics II Dual (AAAA Yr. 1) (11-12) (College credit course-St. Philip's Southwest Campus)

Alamo Area Aviation Academy provides job specific training for employment in the highly technical career field of aircraft mechanic. First year instruction includes aircraft electrical, and electronic systems, service and repair of hydraulic systems, airframes, and rigging. Leads toward FAA certification.

PR: Application and acceptance into AAAA SEM: 2 CR: 3

Advanced Aircraft Technology Dual (AAAA Yr. 2) (12) (College credit course-St. Philip's Southwest Campus)

An Alamo Area Aviation Academy course designed to apply the theory of operation, repair, and maintenance of aircraft airframe, power plant, and avionics systems. Aircraft services include knowledge of the function, diagnosis, and service of the electrical, electronic, and hydraulic, pneumatic, airframe, mechanical, and power plant components of aircraft as governed by federal aviation regulations. Students in their second year of the Alamo Area Aviation Academy will select a specific track in either aircraft infrastructures or turbine technology. The students continue progress toward FAA Certification.

PR: AAAA Year 1 SEM: 2 CR: 3

LAW ENFORCEMENT AND FIRE SCIENCE

- Fire Science
- Law Enforcement

Principles of Law, Public Safety, Corrections, and Security (9-10)

Introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services.

PR: None SEM: 2 CR: 1

Principles of Law, Public Safety, Corrections, & Security Dual (11-12) (College credit course - Northwest Vista College)

PR: None SEM: 1 CR: 1

Law Enforcement I (10-12)

An overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime.

PR: Prin. of Law, Public Safety, Corr,& Security SEM: 2 CR: 1

Law Enforcement II (11-12)

Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. This course includes the ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony.

PR: Law Enforcement I SEM: 2 CR: 1

Forensic Science (12)

Students learn terminology and investigative procedures related to crime scene questioning and interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Students will use scientific methods such as fingerprint analysis, ballistics, and blood spatter analysis to collect and analyze evidence.

PR: Law Enforcement II SEM: 2 Science CR: 1

Firefighter I (10-12)

Firefighter I introduces students to firefighter safety and development. Students will analyze Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protections equipment, and the principles of fire safety.

PR: Prin. of Law, Public Safety, Corr,& Security SEM: 2 CR: 2

Firefighter II (11-12)

Firefighter II is the second in a series for students studying firefighter safety and development. Students will understand Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protections equipment, and the principles of fire safety. Students will apply standard procedures for use of fire extinguishers, ladder, fire hose, and water supply apparatus.

PR: Firefighter I SEM: 2 CR: 2

Court Systems and Practices (12)

Court Systems and Practices is an overview of the federal and state court systems. The course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation.

PR: Law Enforcement II SEM: 2 CR: 1

What's In Your Go Center?

Internet Access for Research

Career Information

*Books, Magazines, Reference Guides

Career Interest Inventories

*Bridges and Career Cruising

Military Information

*Recruiters on the campus during the year.

Videos:

*Careers, Job Search, Colleges, SAT Prep

Registration Packets:

*SAT/ACT, Prep Course (SAT), THEA

Catalogs:

*Colleges, Community Colleges, Universities

Applications:

*Admissions Applications available here.

*Texas Common Application

*Community College Application

*Applications can be downloaded from the internet.

Information on Apprenticeships

Northside Independent School District 2016-2017 Calendar



5900 Evers Road

San Antonio, Texas 78238

Internet: www.nisd.net Email: info@nisd.net

FIRST DAY OF SCHOOL: August 22, 2016 LAST DAY OF SCHOOL: June 1, 2017

FIRST SEMESTER: 88 days SECOND SEMESTER: 89 days

July

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

August

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

October

S	M	T	W	T	F	S
					1	
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

January

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

March

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April

S	M	T	W	T	F	S
					1	
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

May

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Grading Periods. Schools use 6 or 9-week grading periods. Report Cards will be sent on the last day of the next week following the end of the period.

Legend

Student Holiday/Staff Development	○
Student Holiday/Staff Work Day	◐
Teacher & Student Holiday	■
Student Holiday/Half Staff Dev/Half Work Day	●
Begin Semester	[
End Semester]
End Six Weeks	—
End Nine Weeks)
Bad Weather Makeup Day	★
Feb. 20, 2016 (1st choice); June 2 (2nd choice)	
Elem. & Middle School Early Release Day...	●
(Dates: Sept. 16, Oct. 21, Jan. 27, Feb. 24, & May 5 11:45 a.m. for ES; 12:30 p.m. for MS)	

Student Holidays

July 4	Fourth of July holiday
Sept. 5	Labor Day
Oct. 10	Columbus Day/Student Holiday
Nov. 21-22	Student Holiday/Staff Dev.
Nov. 23-25	Thanksgiving Break
Dec. 19-30	Winter Break
Jan. 16	Martin Luther King, Jr. Day
Feb. 20	Student Holiday/Staff Dev./Bad Weather Makeup Day
April 14	Easter Break
April 28	Battle of Flowers
May 29	Memorial Day
June 2	Work Day/Bad Weather Makeup Day