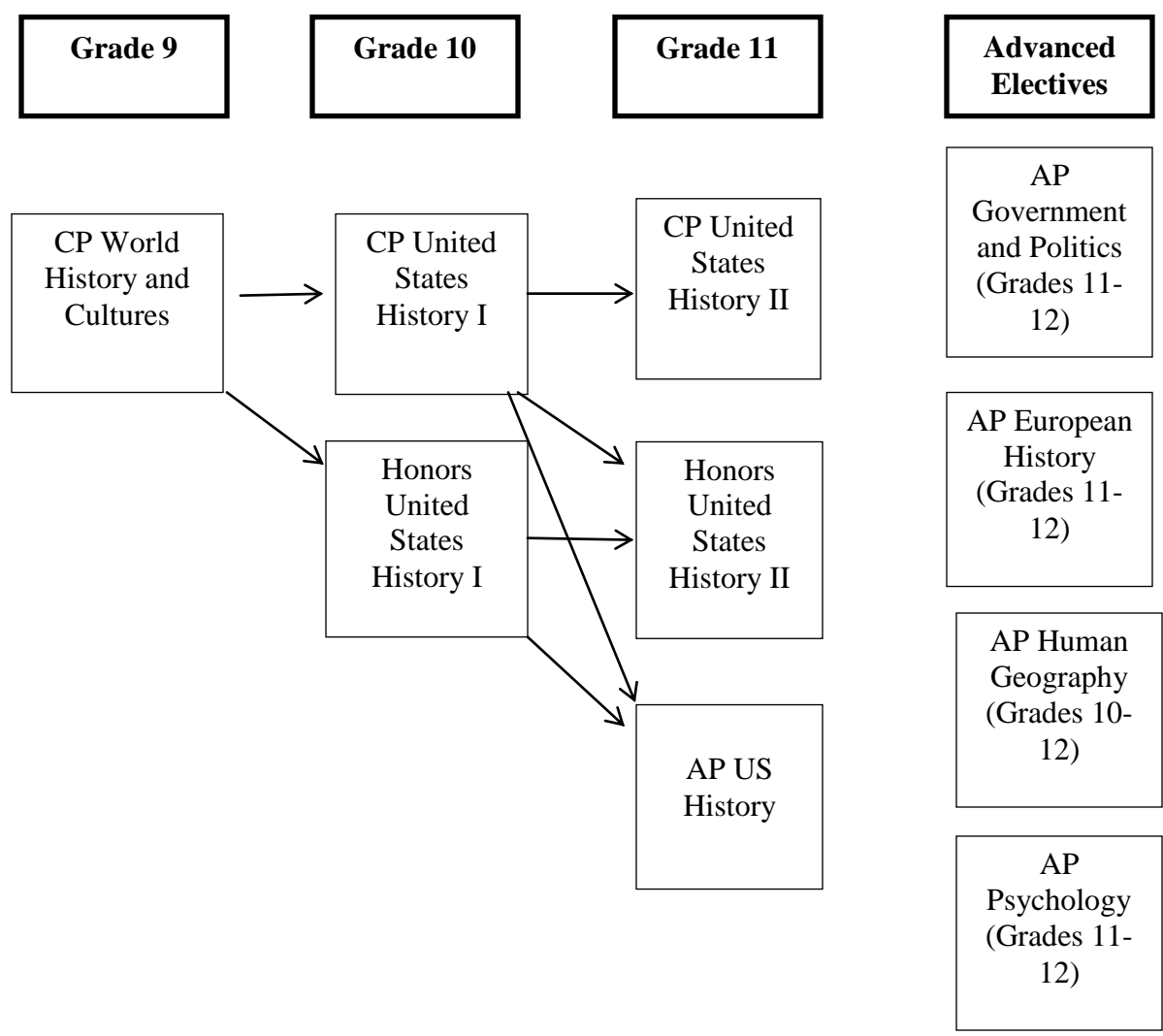


SOCIAL STUDIES

3 years of Social Studies are required for graduation. These courses include World History, US History I and US History II. AP courses have prerequisite requirements. Further details/requirements are in the NBTHS Online Course Guide at [NBTHS Course Guide](#)



Students are required to take World History, US History I and II to graduate.

Social Studies elective courses can be found on the next page.

Social Studies Electives

-----Full Year Courses (5 credits)-----

Human Behavior

(Intro. to psychology covers theories, development of abnormal behavior, elements of personality, cognitive development, perception and social psych)

Grades 10-12



AP Psychology

(Systematic scientific study of behavioral and mental processes of human being and animals)

Grades 11-12

Check Prerequisite Requirements

Sociology

(Study of groups in society incl. social structure, interactions, social change, class, race and ethnic relations)

Grades 10-12

AP Government and Politics

(Analytical perspective and exploration of US government and politics)

Grades 11-12

Check Prerequisite Requirements

Tomorrow's Teachers

(Students interested in a career in education. Study issues in Education as well as Educational Psychology)

Grade 12

(Prerequisite: Application Packet & Faculty Interview)

AP European History

(Western European history from Renaissance to present, topics includes art, literature, philosophy, music etc.)

Grade 12

Check Prerequisite Requirements

American Law

(Students examine the role of law and American society, the processes, limits and procedures of the law)

Grades 9-12

AP Human Geography

Study of effects of human population on our planet, geographic models, data, maps etc.)

Grades 10-12

Check Prerequisite Requirements

-----Semester Courses (2.5 credits)-----

Women's Studies

(Intro. to impact of women in society and their influence on the history of the US)

Grades 9-12

Dimensions of Prejudice, Genocide & the Holocaust

(Review of multiple genocides in history, understanding prejudice and racism, discuss atrocities)

Grades 10-12

Back to the Future

(Examines the history of 80's, 90's through today, by examining film and multi-media)

Grades 9-12

Comparative Religions

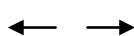
(Exploration of history and culture of world religions, founders of religions, beliefs, rituals and symbolism)

Grades 9-12

America's Military History

(United States military and the short-term/long term social, political, economic, and geographic effects of our nation's wars on our society)

Grades 9-12



Denotes course pairing

Further details/requirements are in the NBTHS Online Course

Guide at [NBTHS Course Guide](#)

SCIENCE

3 years of Science are required for graduation. All courses after the third year are considered elective but must be recommended by your current teacher.
 All students must take and pass Biology, Chemistry or Physics, and a third year of lab science.

Grade 9

Grade 10

Grade 11

Grade 12

CP Physics



CP Chemistry



CP Biology



CP Environmental Sci.
 Anatomy & Physiology
 Comparative Zoology
 Honors Biotechnology &
 Forensics
 Engineering Electives
 **AP Courses with teacher
 recommendations &
 prerequisites met.

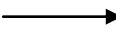
Honors
Physics



Honors
Chemistry



Honors
Biology



AP Chemistry
 AP Biology
 AP Physics C (completion/duel
 enrollment AP Calculus)
 AP Physics 1
 Anatomy & Physiology
 Comparative Zoology
 Honors Biotechnology & Forensics
 CP Environmental Sci.
 Engineering Electives

Honors
Chemistry



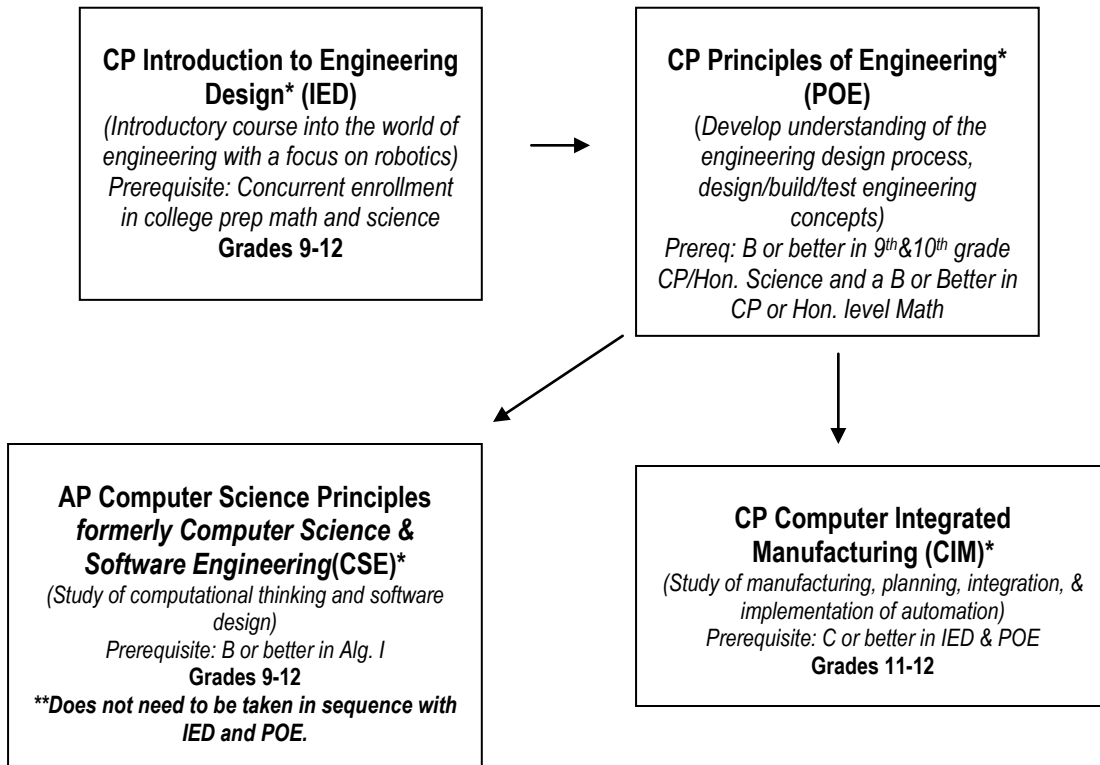
Honors
Biology



AP Chemistry
 AP Biology
 AP Physics 1
 AP Physics C
 (completion/duel enrollment
 AP Calculus)
 Honors Biotechnology &
 Forensics
 CP Environmental Sci.
 Engineering Electives



Science Electives



-----Semester Courses (2.5 credits)-----

Anatomy & Physiology
(Anatomical terminology, biochemistry, cells, tissues etc. Course is for students interested in healthcare field)
Grades 11-12

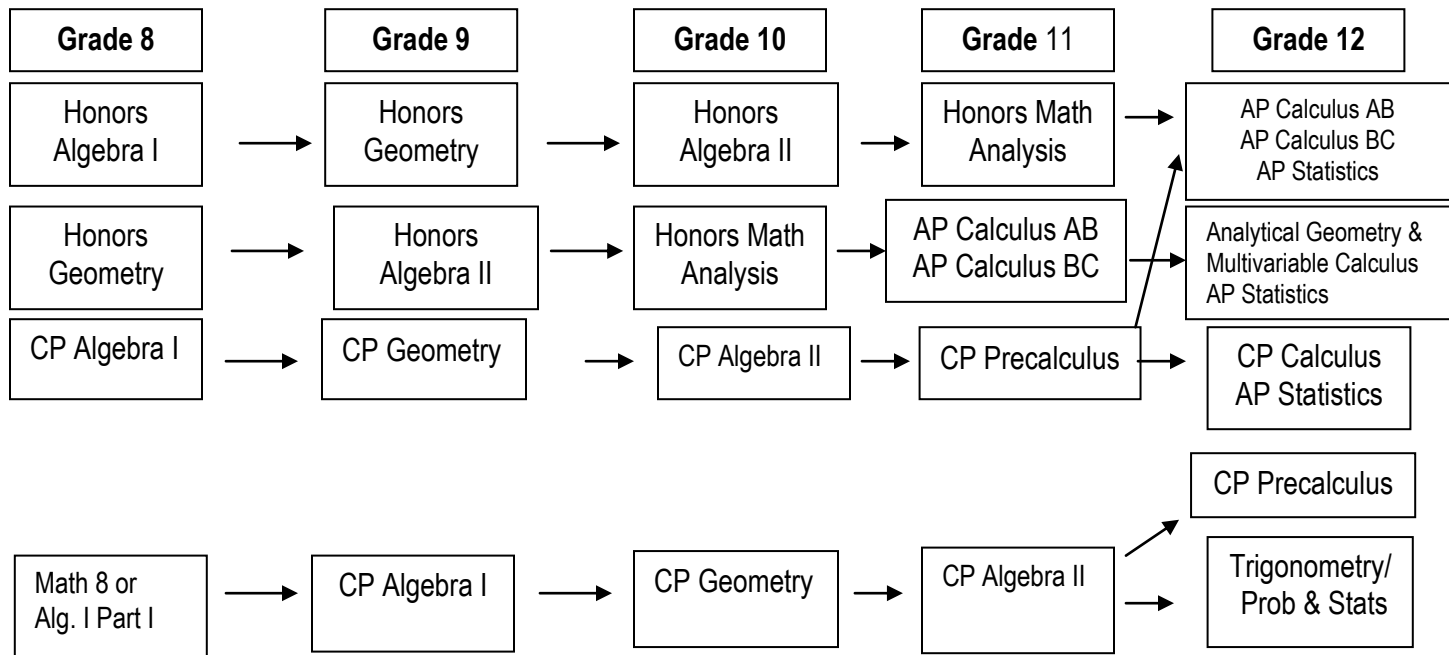
Comparative Zoology
(Study of vertebrates and invertebrates, evolution and diversity, morphology with dissections done in a lab experience)
Grades 11-12

Medical Technology
(Career paths and topics in allied health, hematology and clinical microbiology. Course is for students interested in healthcare field)
Grades 11-12

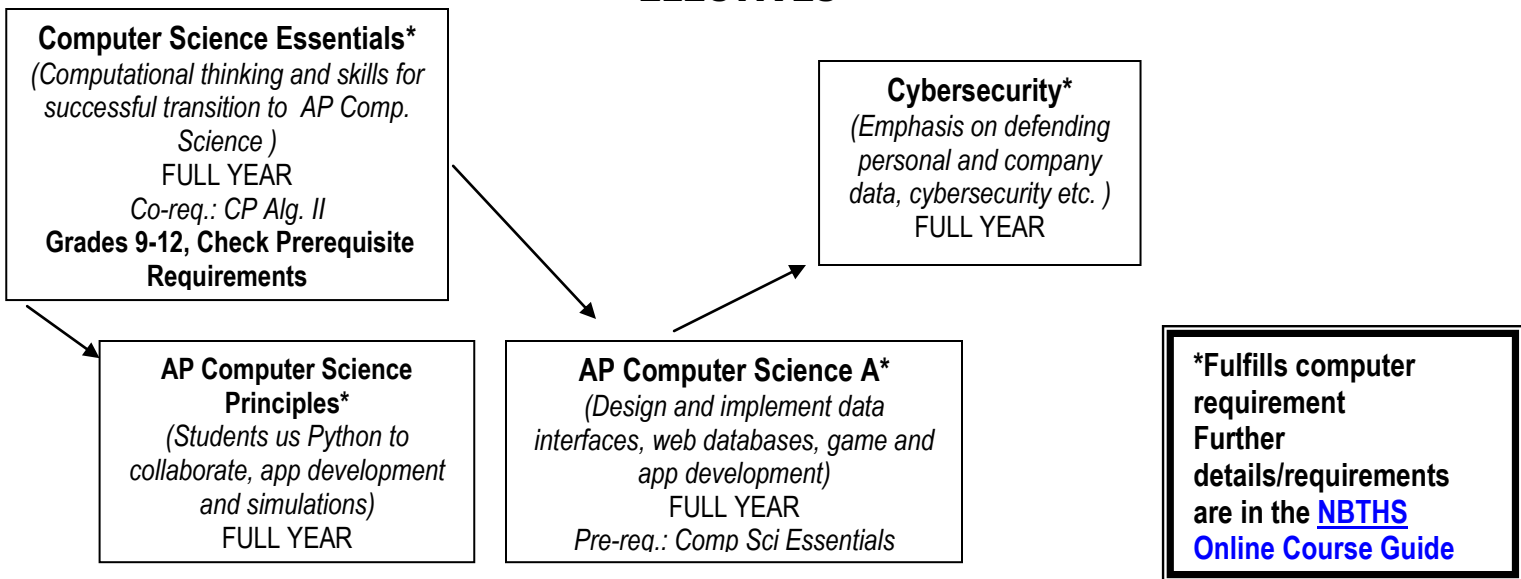
***Fulfills computer requirement**
Further details/requirements are in the NBTHS Online Course Guide at [NBTHS Course Guide](#)

MATHEMATICS

3 years of Math are required for graduation. All courses after the third year are considered elective but **MUST be recommended by your current teacher. All students must take and pass a minimum of Algebra I, Geometry, and a third year.**

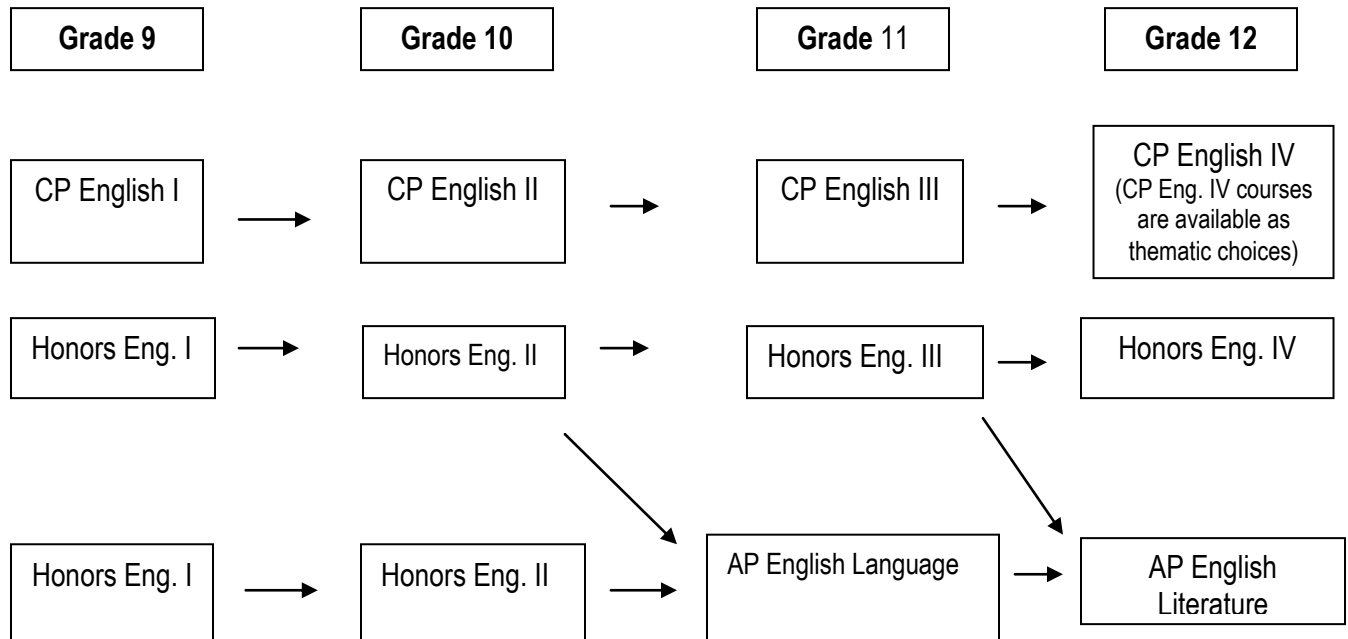


-----ELECTIVES-----



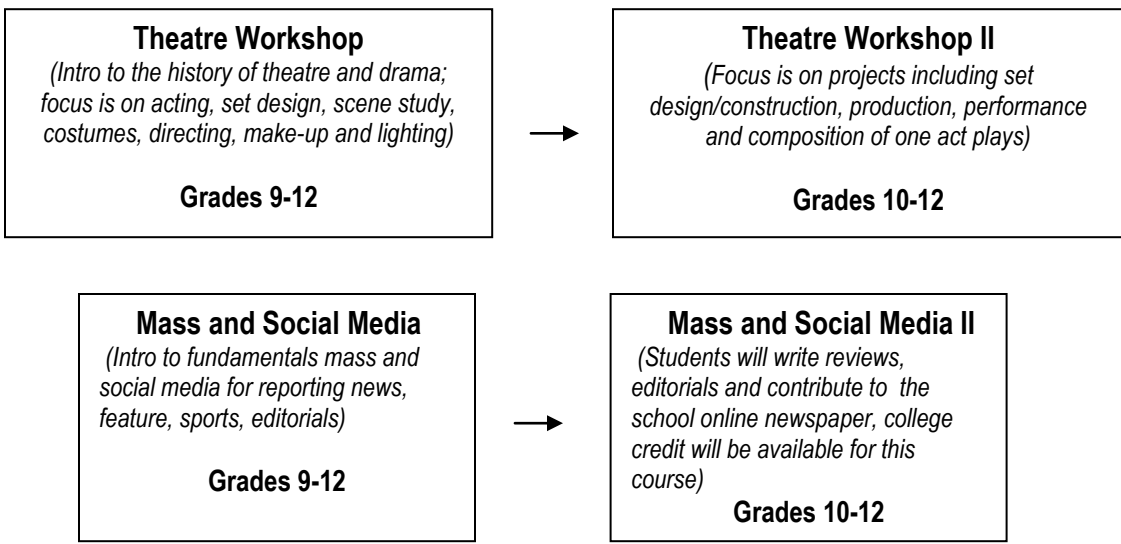
English

4 years of English are required for graduation. All students must complete the minimum requirement of English I-IV. ESL fulfills the English requirement as well.



ENGLISH ELECTIVES

-----Full Year Courses (5 credits)-----



Yearbook Journalism and Design
(Work toward production of the Daedalus; plan and design layouts, write articles, take photos, proofread completed pages)

Application only

Grades 10-12

High Stakes Writing for Post-Secondary World
(Develop highly focused writing skills to assist the student with demands of the SAT/ACT by developing a portfolio of personalized exemplars for use in college and the future)

Grades 11-12

Creative Writing
(For students who wish to develop their writing skills; expression through poems, short stories, plays, non-fiction and journals)

Grades 9-12

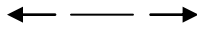
ENGLISH ELECTIVES continued

-----Semester Courses (2.5 credits)-----

Film Analysis

(Use of selected films/scenes as a vehicle for visual reflection on themes, ideas, and values as they reflect on a global society; explore connections made to music, poetry, research, writing, plays and short stories)

Grades 9-12



Basic Public Speaking

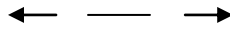
(Learn to research, compose & deliver various types of speeches)

Grades 9-12

College Expository Writing I

(Development of university and profession writing, analyze nonfiction texts and develop a thesis writing, this is a dual credit course with Middlesex County College and is equivalent to Expository Writing 121 at MCC)

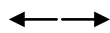
Grade 12



College Expository Writing II

(Variety of writing skills developed into inferential and critical writing pieces, requires completion of a formal research paper, this is a dual credit course with Middlesex County College and is equivalent to Expository Writing 122 at MCC)

Grade 12



Denotes course pairing

Further details/requirements available in [NBTHS Online Course Guide](#)

INDUSTRIAL TECHNOLOGY

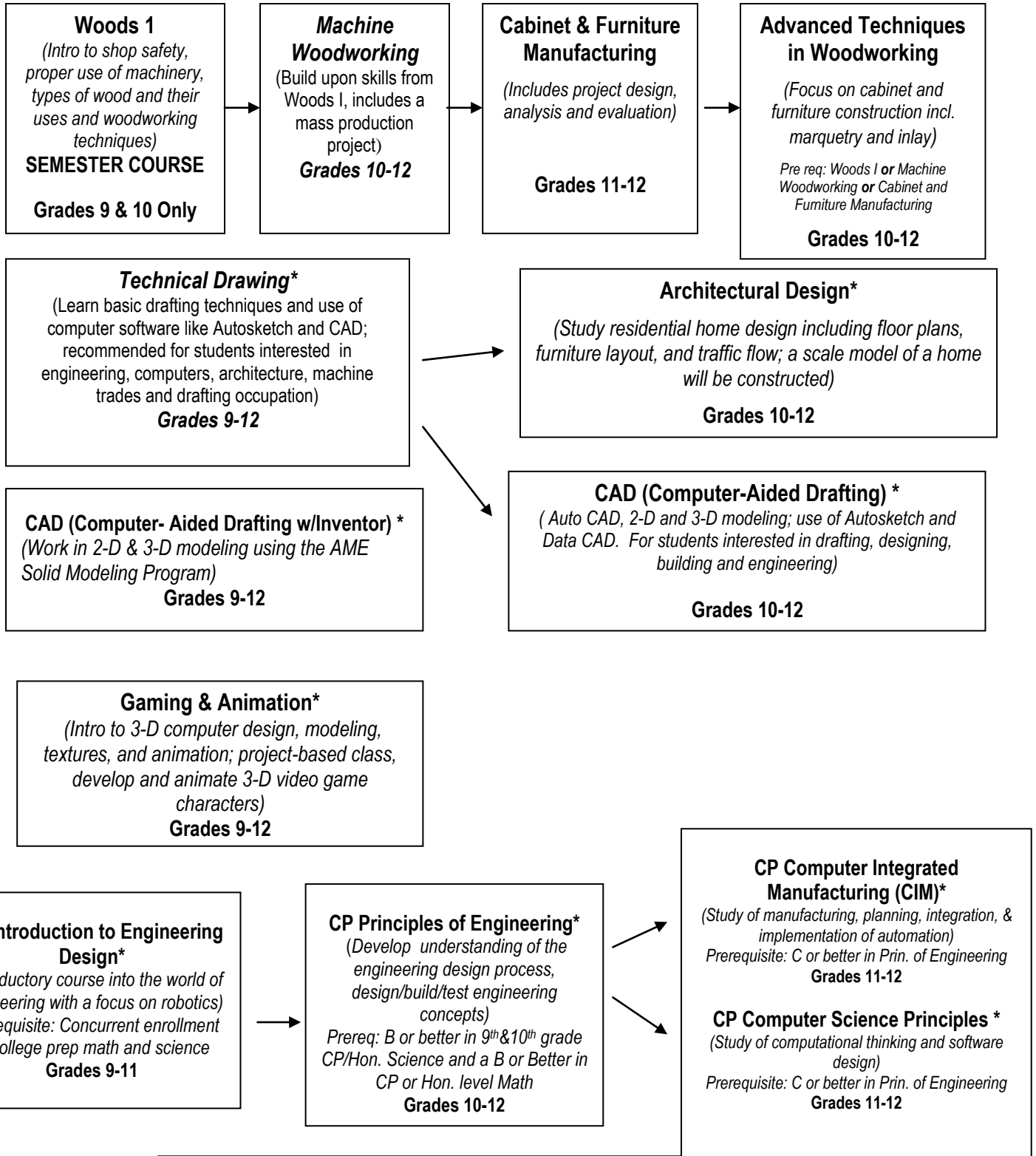
-----Full Year Courses (5 credits)-----

INTRO/LEVEL 1

LEVEL 2

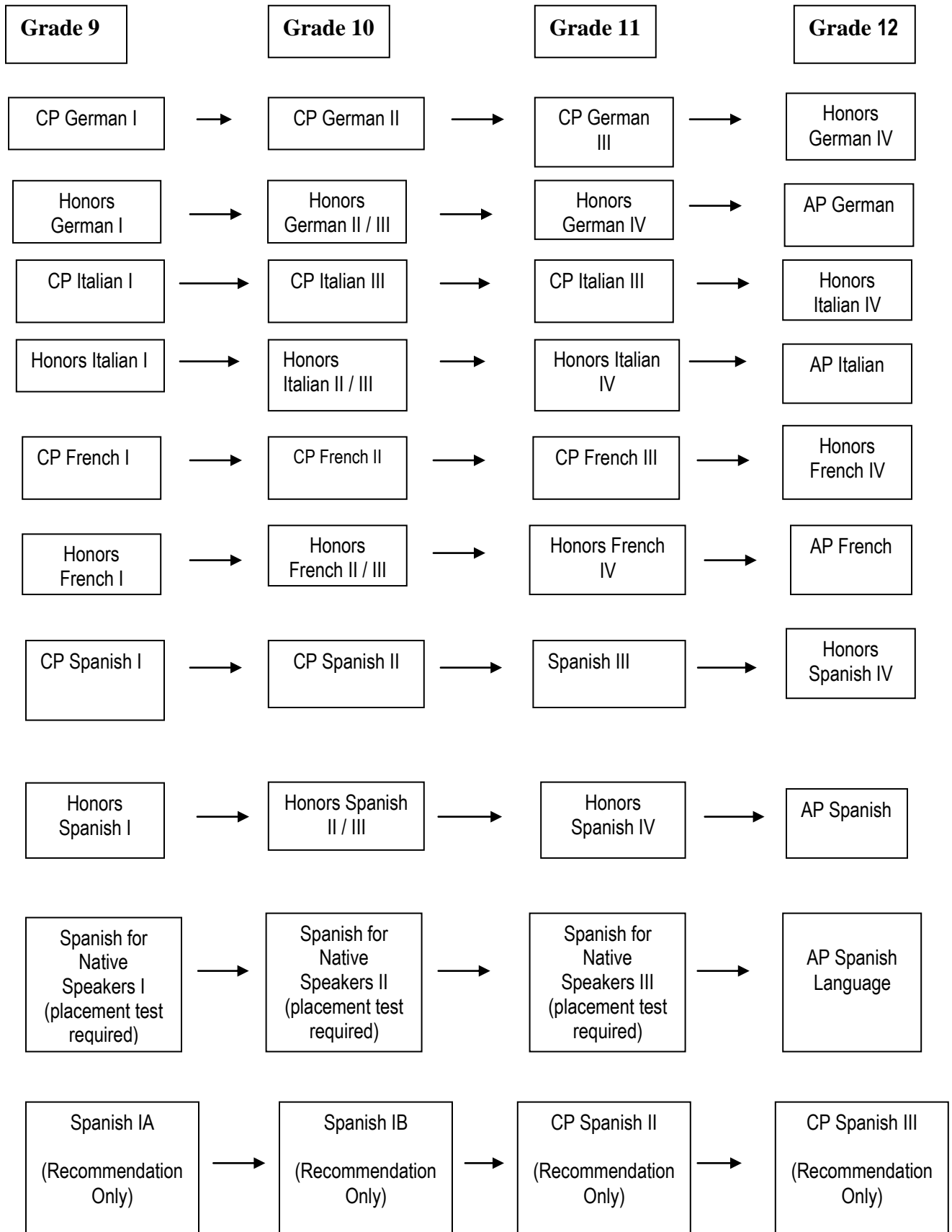
LEVEL 3

LEVEL 4



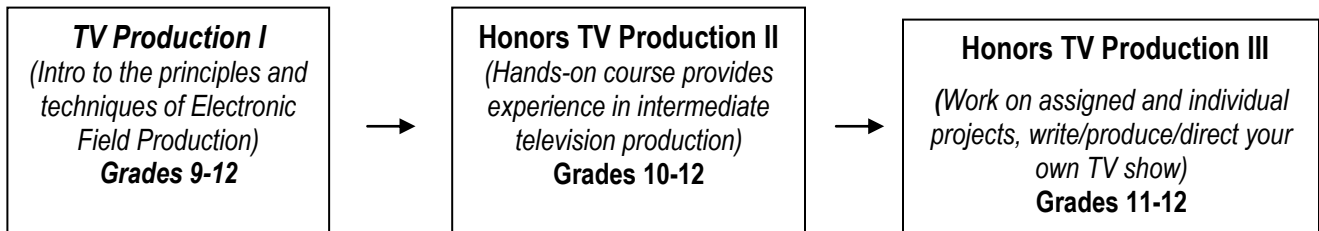
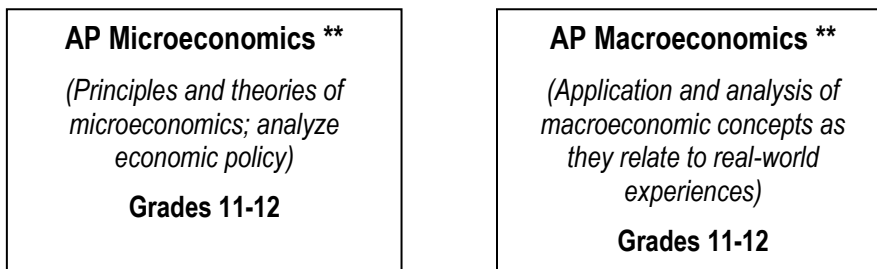
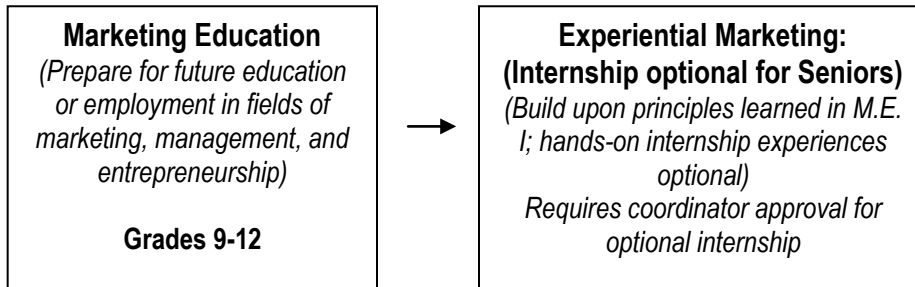
***Fulfills the computer requirement**
 Further details/requirements are in the NBTHS Online
 Course Guide at [NBTHS Course Guide](#)

WORLD LANGUAGES



BUSINESS TECHNOLOGY

-----Full Year Courses (5 credits)-----



← → Denotes course pairing

* Fulfills computer requirement

** Fulfills Financial Literacy requirement

Further details/requirements in [NBTHS Online Course Guide](#)

Continued on next page--

-----**Semester Courses (2.5 credits)**-----

Integrated Computer Apps*
(Basic computer skills including Microsoft Office, internet and research)
Grades 9-12



Financial Management**
(Intro to managing money, financial records, & discussing topics such as taxes, banking, credit, careers)
Grades 9- 12

Cinema and Film
(Learn about the development of motion pictures as an art form by exploring various genres)
Grades 9-12



Radio Broadcasting
(Exploratory course that covers various aspects of radio, create music programs, interview shows, and radio commercials)
Grades 9-12

Sports & Entertainment Marketing
(Specialized course for students interested in this industry; marketing theory and practices of the industry are covered)
Grades 10-12

Business Dynamics
(Examine economic principals and explore how it applies to everyday life)
Recommended for Freshmen
Grades 9-12

Honors Accounting **
(College-level course serves as intro to double-entry accounting and covers the entire accounting cycle)
Grades 11-12

Career Exploration
(Explore and evaluate different career paths , skills, resumes, and interview preparation)
Grades 9-11

Internet & Web Design*
(HTML coding, advanced web design, home page and electronic resume creation)
Grades 10-12

Honors Economics**
(Study of economics from the viewpoint of the consumer, business owner and within in the global economy)
Grades 10-12

Honors Business Law
(Study of law and business, legal and ethical issues, functional business management, issues in workplace)
Grades 10-12

Stock Market Analysis
(Securities and investments, portfolio development, stock market simulations and investment tracking)
Grades 10-12

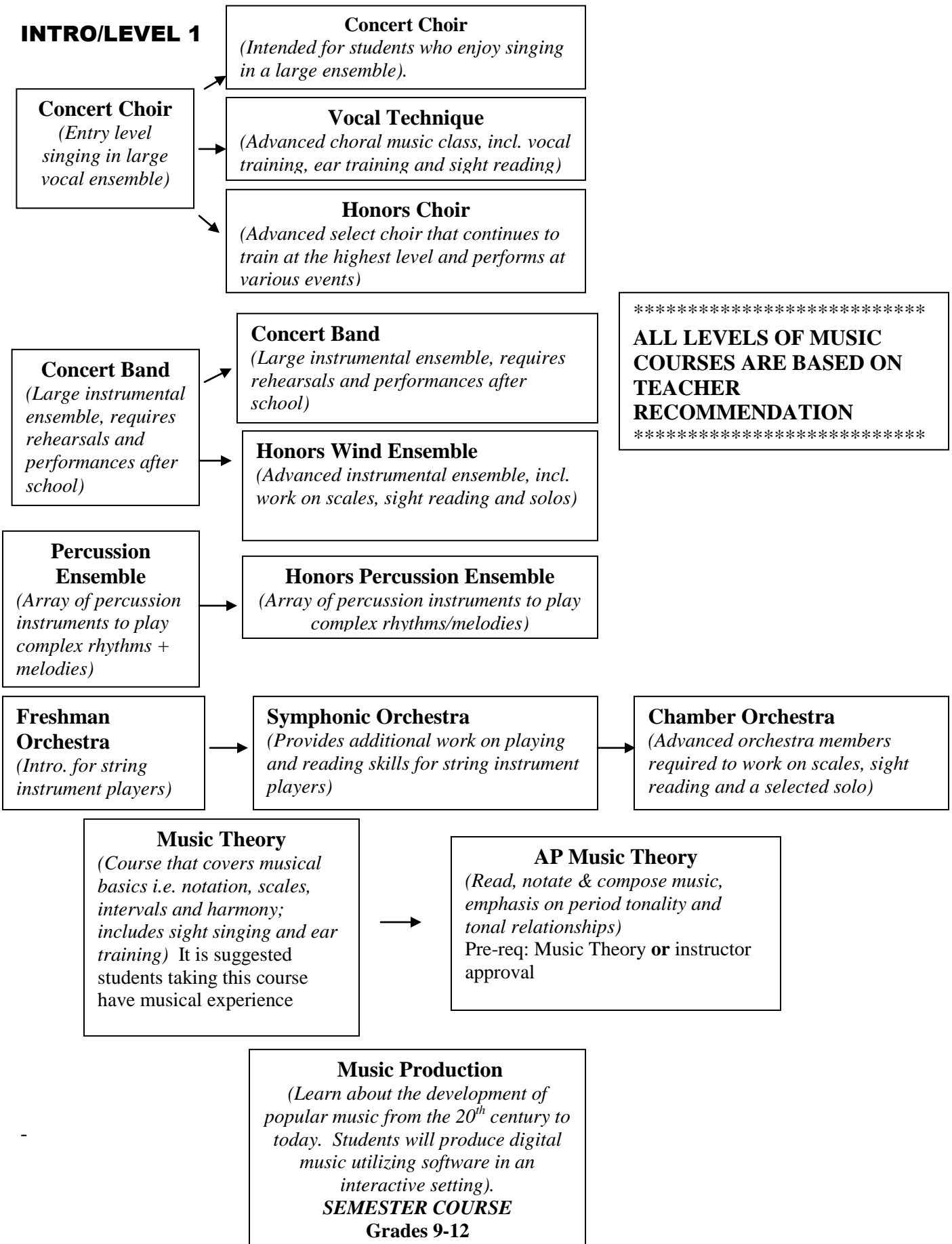
← → Denotes course pairing
 * Fulfills computer requirement
 ** Fulfills Financial Literacy requirement
 Further details/requirements in [NBTHS Online Course Guide](#)

FINE ARTS: MUSIC

-----Full Year Courses (5 credits)-----

(Unless otherwise indicated)

INTRO/LEVEL 1



FINE ARTS: ART

-----Full Year Courses (5 credits)-----

INTRO/LEVEL 1

Ceramics I
(Techniques of pottery and sculpture making)

Grades 9-12

LEVEL 2

Ceramics II
(Builds upon Ceramics I, advanced glazing and surface decorations)

Grades 10-12

LEVEL 3

Ceramics Studio
(Advanced ceramic concepts and techniques of wheel-throwing)

Grades 11-12

Painting I
(Beginner art course, basic painting techniques)

Grades 9-12

Drawing I
(Beginner art course, various drawing techniques)

Grades 9-12

Graphic Design*
(Hands on approach to advertising and design)
(If coming from Photo: Photo teacher rec. needed and student must have A or B avg. in Photo)
Grades 10-12

-----Semester Courses (2.5 credits)-----

Photography
(Intro. to use of 35mm camera and computer imaging techniques)

Grades 9-12

Photo Studio
(Advanced concepts + methods incl. special effects)

Grades 10-12

Photo Studio II
(Portfolio development, self directed projects)

Grades 11-12

Color, Composition & Calligraphy
(Introduces color and paint/ink application techniques)

Grades 9-12

Perspective Drawing
(Learn to draw in 2+3 point perspective, including drawing building interiors and exteriors)

Grades 9-12

Portraiture & Cartooning
(Learn to draw facial anatomy, proportion, and develop cartooning and animation skills)

Grades 9-12

←→ Denotes course pairing
* Fulfills computer requirement
** Fulfills Financial Literacy requirement
Further details/requirements in [NBTHS Online Course Guide](#)