

2017-18 NGHS Course List ** Any course with an * is two parts and you will need to register for both parts******

English Literature/Composition

230620030	10 th Lit/Comp
239620050	10 th Lit/Comp Collab
230620010	10 th Lit/Comp Adv
232620010	10 th Lit/Comp Gifted
230620088	10 th Lit/ Comp STEM
230510030	11 th American Lit
239510050	11 th American Lit Collab
230510010	11 th American Lit Adv
232510010	11 th American Lit Gifted
230510088	11 th American Lit STEM
230510011 & 230530011	AP English Language(11 th Grade)*
230520030	12 th British Lit/Comp
239520050	12 th British Lit/Comp Collab
230520010	12 th British Lit/Comp Adv
230520011 & 230650011	AP English Literature(12 th Grade)*

English Electives

230310030	Writer's Workshop
230420030	Oral and Written Communication
230320030	Journalism News/Mag I
230330030	Journalism News/Mag II
230350030	Journalism News/Mag III
230360030	Journalism News/Mag IV
230320046 & 230330046	Yearbook I & II*(instructor approval)
230350046 & 230360046	Yearbook III & IV*(instructor approval)

Mathematics

270998011 & 270991011	Geometry Yearlong*
279998011 & 279991011	Geometry Yearlong Collab*
270991030	Geometry Semester
270992030	Algebra II
270999011 & 270992011	Algebra II Yearlong*
279999011 & 279992011	Algebra II Yearlong Collab*
270995010	Accel. Geometry B/Alg II
270995088	Accel. Geometry B/Alg II STEM
270974030	Pre-Calculus Semester
270977010	Accel. Pre-Calculus
270977080	Accel. Pre-Calculus STEM
270850030	Mathematical Decision Making
270890030	Math College Readiness
270740010	AP Statistics
270720011 & 270730011	AP Calculus*

Science

400110030	Physical Science
409110050	Physical Science Collab
400510030	Chemistry
400510010	Chemistry Adv
400640030	Earth Systems
409640050	Earth Systems Collab
400810030	Physics
400810010	Physics Adv

Science Electives

260730010	Anatomy and Physiology (Adv Level)
400930030	Forensic Science
409930050	Forensic Science Collab
260611030	Environmental Science- <i>new this year</i>
269611050	Environmental Science- <i>new this year</i>
260710010	Zoology
260620010	AP Environmental Science
260130011 & 260140011	AP Biology*
400520011 & 400530011	AP Chemistry*
400831011 & 400832011	AP Physics*

Social Studies

450570030	American Government
459570050	American Gov't Collab
450570010	American Gov't Adv
450830030	World History
459830050	World History Collab
450830010	World History Adv
450830011 & 450840011	AP European History*
450810030	US History
459810050	US History Collab
450810010	US History Adv
450810011 & 450820011	AP US History*
450610030	Economics
459610050	Economics Collab
450630010	AP Microeconomics

Social Studies Electives

450120030	Current Issues
450140010	Humanities (Adv. level course)
450150030	Psychology
450890010	Modern Mil. His./Vietnam War (Adv. Level)
450160010	AP Psychology
450520010	AP Political Science/Government
450770010	AP Human Geography

Test Prep

350660030	Test Prep
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World Languages

600710030	Spanish I
600720030	Spanish II
600730010	Spanish III
600740010	Spanish IV
600760011 & 600770011	AP Spanish*
600110030	French I
600120030	French II
600130010	French III
600140010	French IV
600160011 & 600170011	AP French*

Fine ArtsVisual Arts I is the prerequisite for all Art classes.**

500211030	Visual Arts I
500212030	Visual Arts II**

500411030	Pottery I**
500412030	Pottery II
500611030	Sculpture**
500612030	Sculpture II
500311030	Drawing**
500312030	Drawing II
500321030	Painting I**
500322030	Painting II
500313011 & 500811011	AP Art-Drawing Portfolio* **
500213011 & 500813011	AP 2-D Design* **
500711030	Photography I**
500712030	Photography II
530361030 & 530363030	Beg. Band (Woodwind) I & II*
530362030 & 530363030	Beg. Band (Brass/Percussion) I & II*
530371030 & 530372030	Symphonic Band I & II*
530373030 & 530374030	Symphonic Band III & IV*
530381030 & 530761030	Adv. Band and Inst. Ensemble I*
530382030 & 530762030	Adv. Band and Inst. Ensemble II*
530383030 & 530763030	Adv. Band and Inst. Ensemble III*
530384030 & 530764030	Adv. Band and Ist. Ensemble IV
530210030	Music Theory
530220030	Music Theory II
530230010	AP Music Theory
540241030	Beg. Women's Chorus I
540242030	Beg. Women's Chorus II
540251030 & 540261030	Int. and Adv. Women's Chorus I *
540252030 & 540262030	Int. and Adv. Women's Chorus II*
540253030 & 540263030	Int. and Adv. Women's Chorus III*
540281030	Men's Chorus I
540282030	Men's Chorus II
540283030	Men's Chorus III
540284030	Men's Chorus IV
540211030	Beg Mixed Chorus I
540212030	Beg Mixed Chorus II
540213030	Beg Mixed Chorus III
540214030	Beg Mixed Chorus IV(<i>cont'd on back</i>)
540221030	Intermediate Mixed Chorus I
540222030	Intermediate Mixed Chorus II
540223030	Intermediate Mixed Chorus III
540224030	Intermediate Mixed Chorus IV
520210030	Drama/Fundamentals I
520220030	Drama/Fundamentals II
520230030	Drama/Fundamentals III
520240030	Drama/Fundamentals IV
520410030	Theatre Arts/Technical Theatre
Business Management and Administration Pathway	
074410030	Business and Technology
074413030	Intro to Business and Technology
074510030	Business Communications

Business Electives

064150030 Legal Environment of Business
 074260030 Financial Literacy

Nutrition and Food Science Pathway

204161030 Food, Nutrition & Wellness
 204140030 Food for Life
 204181030 Food Science

Family and Consumer Science Electives

205281030 Early Childhood Education I
 204240030 Early Childhood Education II
 204410030 Foundations of Interior Design
 204450030 Fundamentals of Fashion

JROTC Pathway

280110030 AFJROTC I-Aviation History
 280120030 AFJROTC II-Science of Flight
 280160030 AFJROTC VI-Mgt of Cadet Corp (*Instr. Approval*)

Health and PE

170110030 & 360510030 Health & Personal Fit(1 semester)*
 170140030 Drivers Ed (*Must have Learner's Permit*)
 360530030 Aerobic Dance
 360630030 Adv. Aerobic Dance

360110030 General P. E. I
 360120030 General P. E. II
 360130030 General P. E. III
 360140030 General P. E. IV
 360540030 Weight Training
 360640030 Adv. Weight Training
 360560030 Body Sculpting
 360660030 Adv. Body Sculpting
 360150030 Principles of Athletic Training

CEC Courses

CEC WORK ETHIC POLICY FOR ATTENDANCE: Visit <http://www.centraleducationalcenter.net/> and select "Team Members and Parents" to find the link under "Related Topics".

English

230610033 9th Lit Comp
 230620033 10th Lit Comp
 230510033 11th American Lit Comp
 230520033 12th English Lit Comp
 230520010 Adv. 12th English Lit Comp

Math

270990033 Algebra I Sem
 270991033 Geometry Sem
 270992033 Algebra II
 270850033 Mathematical Decision Making

Applied Science *Counts as Science Credit

*400110033 Physical Science
 *014610033 General Horticulture
 *034110033 Natural Resource Mgt
 *024410033 Plant Science & Bio-Technology
 *400923033 STEM Research Internship

Social Studies

450830033 World History
 450810033 United States History
 450610033 Economics

Audio/Video

104181033 Audio, Video, Technology and Film I
 104191033 Audio, Video, Technology and Film II

Aviation

474600033 Fundamentals of Aerospace
 474880033 Flight Operations I(Aviation Nav/Comm)
 474890033 Flight Operations II(Aviation Meteorology)
 474651033 Unmanned Aerial Systems

Business

064143033 International Business
 064161033 Entrepreneurship
 084740033 Marketing Principles

Computer Science

114210033 Beginning Programming- JAVA
 114220033 Advanced Programming

114310033 Web Page Design
 114280033 3D Animation

Construction

464450033 Fund of Construction
 464460033 Intro to Building
 464500033 Carpentry
 464510033 Residential Carpentry

Drafting

485410033 Engineering Drawing I
 485420033 Engineering Drawing II
 484450033 Architectural Drawing & Design I
 484460033 Architectural Drawing & Design II

Engineering

214710033 Pre Engineering I
 214720033 Pre Engineering II
 214450033 Robotics I
 214610033 Robotics II

Graphic Design and Print Production

484610033 Intro to Graphics and Design (level 1)
 484620033 Graphic Design and Production (level2)
 484690033 Graphic Output Processes (Comm. Pathway 3)
 484280033 Adv. Graphic Design (Design Pathway 3)

Medical/Firefighting *Transportation required

255210033 Intro to Healthcare Science
 *254400033 App to Healthcare Science
 *254000033 First Responder

Music and Arts

530741033 String Techniques
 520410033 Introduction to the Business of the Arts
 520490033 Essentials of Sound Recording I
 520491033 Essential of Sound Recording II

Teacher Pipeline-Application Required

134110033 Examining the Teaching Profession*
 134120033 Contemporary Issues in Education*
 134130033 Teaching Practicum*

Work Based Learning-Application Required

077114011 1st block Fall Semester
 077114012 2nd block Fall Semester
 077114013 3rd block Fall Semester
 077114014 4th block Fall Semester
 077114031 1st block Spring Semester
 077114032 2nd block Spring Semester
 077114033 3rd block Spring Semester
 077114034 4th block Spring Semester

WGTC Certificate Classes

All classes are minimum of 2 blocks

470800433 & 470810433 Air Conditioning Repair
(2 blocks, all year-total 4 blocks)
 474710433 & 474760433 Automotive Engine Repair I & II
(2 blocks, 1 semester)
 474770433 & 474790433 Automotive Engine Repair III & IV
(2 blocks, 1 semester)
 124440433 & 124460433 Basic Cosmetology *(2 blocks, 1 sem)*
 124480433 & 124490433 Adv. Cosmetology *(2 blocks, 1 sem)*
 434500433 & 434330433 Criminal Justice *(2 blocks, 1 sem)*
 205321433 & 205331433 Culinary Arts
(2 blocks, all year-total 4 blocks)
 255630433 Nurse Aide- **must be 17 years old**
(2 blocks, 1 semester)
 254800433 & 254800434 Basic Dental Asst. *(2 blocks, 1 sem)*
 254830433 & 254830434 Adv. Dental Asst *(2 blocks, 1 sem)*
 115180433 & 115260433 Game Development Programming
(2 blocks, all year-total 4 blocks)
 485530433 Basic Gas Metal Arc *(2 blocks, 1 sem)*
 485540433 Basic Shield Arc *(2 blocks, 1 sem)*
 485550433 Basic Flat Shield *(2 blocks, 1 sem)*
 485570433 Pipe Welding *(2 blocks, 1 sem)*
 485580433 Basic Tungsten Arc *(2 blocks, 1 sem)*