

ONLY FOR 9TH GRADERS ENTERING IN 2021-2022 AND AFTER

Find your Passion, Build your Future- The Wildcat Way

~ Denotes courses graded on a 5 point scale for CHS only- not TOPS

> Denotes courses weighted on a 5 point scale for CHS and TOPS

+ Denotes courses that will achieve Diploma Plus

Central High School is committed to our wildcats finding their passion and building their future through our Diploma Plus initiative. All of our graduates will leave CHS with a high school diploma *plus* a high-wage and high-demand statewide, industry-based credential; and/or college credit through dual enrollment courses, CLEP exams, and/or AP credit. Courses with + next to it are courses that will achieve Diploma Plus.

Note for Senior Athletes

- Must be enrolled in 2 whole credits each semester (4 half credit courses or two 1 credit DE courses); athletic PE counts
- Must have 2.5 GPA from previous year to be eligible

AP CAPSTONE- for 11th and 12th graders

- Beginning with class of 2022, students can graduate with two possible AP Capstone designations:
 - AP Capstone Certificate: 3+ on AP Seminar 11th grade, 3+ AP Research 12th grade
 - AP Capstone Diploma: 3+ on AP Seminar 11th grade, 3+ AP Research 12th grade, AND 4 other AP exams with 3 + score

CORE COURSES

Math- TOPS 2			
9th Grade	10th Grade	11th Grade	12th Grade
- Algebra I - Integrated Algebra I & Technical Math	- Math Essentials - Geometry	- Business Math - Algebra II	- Financial Literacy - Algebra III

Math- TOPS 4			
9th Grade	10th Grade	11th Grade	12th Grade
- Algebra I - Algebra I H ~ - Geometry - Geometry H ~	- Geometry - Geometry H ~ - Algebra II - Algebra II H ~	- Algebra II - Algebra II H ~ - Advanced Math DE (MATH 161&162) > + ¹	- Algebra III - Advanced Math- Pre Calculus - Advanced Math DE > + ¹ - AP Calculus I AB > + - AP Calculus II BC >+

Math- TOPS 4 Accelerated			
9th Grade	10th Grade	11th Grade	12th Grade
Geometry Geometry H ~	Algebra II Algebra II H ~	- Advanced Math- Pre Calculus + - Advanced Math DE > + ¹	AP Calculus I AB > + AP Calculus II BC >+

1. DE Requirements: ACT: 19 composite, 18 in English, 19 in Math; C + in Alg; overall 2.5 GPA

English- TOPS 2

9th Grade	10th Grade	11th Grade	12th Grade
English I	English II	English III	Business English

English- TOPS 4

9th Grade	10th Grade	11th Grade	12th Grade
English I English I Honors ~	English II English II Honors ~	English III English III AP > +	- English IV - Eng IV 1013 DE > + & Eng IV 1023 DE > + ¹ - Eng IV 1023 DE > + & Eng IV 2303 DE > + ²

1. DE Requirements: 18 on English ACT; 2.5 overall GPA; C or better in 1013

2. DE Requirements: 26 on English ACT or 3+ on AP Lang; C or better in 1023

Science- TOPS 2

9th Grade	10th Grade	11th Grade	12th Grade
Physical Science	Biology I	*None required Chemistry	*None required Environmental Science AP > + Biology II AP > +

Science- TOPS 4 Standard

9th Grade	10th Grade	11th Grade	12th Grade
Physical Science	Biology I	Chemistry	Environmental Science AP > +

Science- TOPS 4 Accelerated

9th Grade	10th Grade	11th Grade	12th Grade
Biology I H ~	Environmental Science AP > + Chemistry I DE > + - ACT: 19 composite, 19 Math, 18 English; 2.5 overall GPA; must have 11 credits	Chemistry I DE > + Chemistry II DE > + - C or better in Chem I DE	Environmental Science AP > + AP Physics > +

Social Studies- TOPS 2

9th Grade	10th Grade	11th Grade	12th Grade
none	Civics	US History	none

Social Studies- TOPS 4

9th Grade	10th Grade	11th Grade	12th Grade
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World Geography Human Geography AP > + Gifted Human Geography AP > +	Civics AP Government > + Gifted AP Government > +	US History US History AP > + Gifted US History AP > +	World History Western Civilization DE > + - ACT: 19 composite, 18 English, 19 Math; 2.5 overall GPA Gifted European History AP > +
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CAREER PATHWAYS

Pre-Engineering/STEM- 4 required courses below= Silver Seal; additional 4 electives= Gold Seal			
9th Grade	10th Grade	11th Grade	12th Grade
Intro to Engineering	Robotics	Intro to Computational Thinking	Engineering Design & Development

Additional Engineering Electives

AP Computer Science Principles ~ +
AP Computer Science A ~ +
AP Calculus I AB > +
AP Calculus II BC > +

AP Statistics > +
Chemistry I DE > +
Chemistry II DE > +
AP Physics > +

AP Environmental Science > +
Biology II AP > +

Manufacturing & Construction			
9th Grade	10th Grade	11th Grade	12th Grade
Workplace Safety Quest 4 Success	NCCER Pipefitter I + Electrician I + AWS Tack Welding	NCCER Pipefitter II + Electrician II + AWS Welding I +	Choose from electives below or universals AWS Welding II +

Manufacturing & Construction Electives

All Engineering Courses
Automotive Technician DE
Chemistry

Environmental Science AP
Geometry
Graphic Arts I

Hospitality- Business Management			
9th Grade	10th Grade	11th Grade	12th Grade
Quest 4 Success Intro to Hospitality	Principles of Business	Entrepreneur I +	Entrepreneur II +

Business Management Electives

Graphic Arts I, II
Intro to Computational Thinking

Intro to Social Media
Medical Terminology

Multimedia Productions I, II
Sports & Entertainment Marketing

Hospitality- Culinary

Hospitality- Culinary			
9th Grade	10th Grade	11th Grade	12th Grade
Quest 4 Success Intro to Hospitality	Food Science +	ProStart I +	ProStart II +

Hospitality/Culinary Electives

Chemistry
Environmental Science AP
Graphic Arts I, II
Interactive Media
Intro to Computational Thinking

Intro to Social Media
Multimedia Productions I, II
Principles of Business
Principles of Marketing
Psychology AP

Psychology & Sociology
Publications I, II

Information Technology

Information Technology			
9th Grade	10th Grade	11th Grade	12th Grade
Quest 4 Success Interactive Media	Computer Architecture	COMP TIA+ IT Fundamentals +	Choose from below or universals

IT Electives

Any Engineering Course
AP Computer Science Principles
Geometry

Graphic Arts I, II
Multimedia Productions I, II
Publications

Wildcat Scoop I, II

Arts, Audio/Visual

Arts, Audio/Visual			
9th Grade	10th Grade	11th Grade	12th Grade
Quest 4 Success Interactive Media	Multimedia Productions I + Graphic Arts I +	Multimedia Productions II + Graphic Arts II +	

Arts and A/V Electives

AP Computer Science Principles
AP Studio Art
Art I, II
Any Band Course
Geometry

Intro to Computational Thinking
Music and Technology
Principles of Marketing
Publications I, II
Sports & Entertainment Marketing

Wildcat Scoop I, II
Talented Music I-IV >
Talented Theatre I-IV >

Health Sciences

9th Grade	10th Grade	11th Grade	12th Grade
Quest 4 Success Health Science	Medical Terminology	Certified Nursing Assistant + (2 credits) First Responder + Dental Assistant + (2 credits)	Medical Assistant + (CNA prerequisite; DB 1st semester then Internship 2nd semester)

Health Science Electives

Biology II Chemistry Environmental Science AP	Food Science Multimedia Productions I, II Psychology & Sociology	Psychology AP Sports Med I, II Sports Med III
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Law, Public Safety, Corrections

9th Grade	10th Grade	11th Grade	12th Grade
Quest 4 Success ROTC I	ROTC II	ROTC III First Responder +	ROTC IV

Law, Public Safety, Corrections Electives

Multimedia Productions I Health Science	Intro to Computational Thinking Psychology & Sociology	Psychology AP
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ELECTIVES

Universal Electives

Accounting I
CTE Internship- seniors only
Customer Service
Electrician I
Entrepreneur I, II +
Foreign Language
First Responder +
Future Educator I, II
Any Foreign Language
Future Educator I, II
Health Science
IBCA
Int. Technical Math
JROTC III, IV
Personal Finance
Principles of Business
ROTC III, IV
Quest 4 Success
Wildcat Scoop
Workplace Safety

PE/Health/ROTC

PE I, II
Athletic PE
Health (0.5 credit)
JROTC I-IV

Foreign Languages

French I, II
French III, IV Honors
Spanish I, II
Spanish for Native Speakers

AP Electives +

AP Computer Science A ~ +
AP Computer Science Principles ~ +
AP Psychology > +
AP Research > +
AP Seminar ~ +
AP Seminar Diaspora ~ +

AP Statistics > +
AP Studio Art > +

Visual Arts

Art I, II
Art I 3D, II 3D
Talented Art I-IV >

Performing Arts

Concert Band
Jazz Ensemble
Percussion Ensemble
Symphonic Band
Beginning Choir
Show Choir
Concert Choir
Guitar Class
Rock Band Class
Piano I-IV
Music Appreciation DE +

Music & Technology +
Talented Theatre I-IV >
Talented Music I-IV >

Half Credit Electives

Customer Service
Personal Finance
Sociology
Psychology