

ONLY FOR CURRENT 9TH, 10TH, AND 11TH GRADERS

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 or English IV

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

Science- TOPS 4 Accelerated			
9th Grade	10th Grade	11th Grade	12th Grade
Biology I H ~	Biology II 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 > + Physics AP +

Social Studies- TOPS 2			
9th Grade	10th Grade	11th Grade	12th Grade
None required World Geography	Civics	US History	None required World History

Social Studies- TOPS 4			
9th Grade	10th Grade	11th Grade	12th Grade
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 > +

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 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 Environmental Science > +
Biology II AP > +

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

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

Hospitality Electives

Accounting I
Chemistry
Customer Service & Personal Finance

Geometry
Health Science
1 Foreign Language

Principles of Marketing (10th & 11th)

Health Sciences- Nursing

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

Health Sciences- Dental

9th Grade	10th Grade	11th Grade	12th Grade
Quest 4 Success Health Science	Medical Terminology	Dental Assistant (2 credits) +	Choose from below or universals

Health Sciences- Emergency Services

9th Grade	10th Grade	11th Grade	12th Grade
Quest 4 Success Health Science	Medical Terminology	First Responder +	Choose from below or universals

Health Sciences Electives

Chemistry
Food Science
Geometry

Medical Terminology DE +
Psychology
Sports Med I, II

Sports Med III

Manufacturing- Welder

9th Grade	10th Grade	11th Grade	12th Grade
Quest 4 Success & Workplace Safety	AWS Tack Welding	AWS Welding I (2 credits) +	AWS Welding II (2 credits) +

Manufacturing- Pipefitter

9th Grade	10th Grade	11th Grade	12th Grade
Quest 4 Success & Workplace Safety	NCCER Pipefitter I +	NCCER Pipefitter II +	Choose from below or universals

Manufacturing- Electrician

9th Grade	10th Grade	11th Grade	12th Grade
Quest 4 Success & Workplace Safety	Electrician I +	Electrician II +	Union Apprenticeship

Manufacturing Electives

Automotive Technician DE +

Geometry

Chemistry

INFORMATION TECHNOLOGY

IT- Multimedia Productions			
9th Grade	10th Grade	11th Grade	12th Grade
Quest 4 Success Interactive Media	Digital Storytelling I + Graphic Design I + Wildcat Scoop I- News & Production Photography I + Web Design I +	Digital Storytelling II + Graphic Design II + Wildcat Scoop II- News & Production Photography/Yearbook II Web Design II	Digital Storytelling III Photography III

IT- Help Desk			
9th Grade	10th Grade	11th Grade	12th Grade
Quest 4 Success Interactive Media	Computer Architecture	CompTIA IT Fundamentals +	Choose from below or universals

Information Technology Electives

AP Computer Science Principles ~ +
AP Studio Art > +
Art I, II

Chemistry
Electrician I, II +
Geometry

Music & Technology
Talented Art I, II >
Talented Theatre I-IV

ELECTIVES

Universal Electives

Accounting I
CTE Internship- seniors only
Customer Service 0.5
Entrepreneur I, II +
First Responder +
Personal Finance 0.5
Principles of Business
Principles of Marketing
Quest 4 Success
Workplace Safety

AP Electives +

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

PE/Health/ROTC

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

General Electives

Future Educators I, II
JAG I-IV
Sports Med I, II, III

Foreign Languages

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

Visual Arts

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

Performing Arts

Intro to Drama
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 >

CLEP Courses +

Accounting I
Advanced Math
English IV
French I, II
Principles of Marketing
Psychology
Sociology
Spanish I, II
US History