CHS New Course Proposals & Course Changes

2027-28

CENTENNIAL
SCHOOL DISTRICT 12

CONNECTING. ACHIEVING. PREPARING.

New Courses & Course Changes

- Business Ed.:
  - Business Interactive Media & AI Technology
  - Career Investigation & Business Technology (course change)
  - AP Business with Personal Finance
- Math:
  - CIS Calculus 1 & 2
  - Math; Math Support
  - Math Requirements - sequence change

New Courses & Course Changes

- Science
  - Intro to College Physics 2A & 2B
- Social Studies (course changes)
  - Move CIS American Democracy, CIS Psychology, CN Macro-Economics to hybrid courses
  - Add 10th grade to Psychology
- Tech. Ed.
  - Woods 1 – “girls only”

Business Ed.: Business Interactive Media & AI Technology

- This revamped course shifts from basic HTML and CSS to modern industry standards by introducing JavaScript as an essential baseline for functional, interactive websites.
- Web Design assimilates into this course alongside contemporary AI-assisted development practices to equip students with real-world skills for building modern applications.
- Target Audience: 9 – 12 students / 75 students / 2 sections
- Estimated Cost: as determined by T&L

Business Ed.: Career Investigation & Business Technology

- By combining Keyboarding and Word Processing with Career and Business Tech, this consolidated course eliminates redundancy to optimize student schedules and departmental resources.
- The streamlined approach creates vital room in the curriculum for modern, high-demand workplace skills.
- Target Audience: 9-12 grades / 70 students / 2 sections
- Estimated Cost: as determined by T&L

Business Ed.: AP Business with Personal Finance

- This course explores key disciplines including entrepreneurship, marketing, finance, accounting, management, strategy, and personal finance.
- Students build core business skills to qualify for college credit, placement, and real-world success.
- Target Student: 10-12 grades / 30 – 100 students / 1 to 3 sections
- Estimated Cost: as determined by T&L

Math: CIS Calculus 1 & 2

- Reinstate CIS Calculus 1&2
- Year long course
- 4 UofM credits
- Due to a retirement and teacher qualifications, we moved to AP Calculus AB 1 & 2 for the 2026-27 school year.
- Target Student: 11-12

Math; Math Support

- This two semester course replaces Intermediate Algebra Concepts 1A &1B.
- This course is designed to prepare students to enter the high school math sequence with the building blocks to succeed.
- Target Student: 9th grade / 20 to 40 students
- Estimated costs: as determined by T&L

Math: Sequence Change

- Geometry
  - moves from 10th grade to 9th grade
  - Honors Geometry is eliminated
- Intermediate Algebra 1 & 2
  - moves from 9th grade to 10 grade
  - Intermediate Algebra Concepts 1A & 1B is eliminated
  - Honors Intermediate Algebra will be brought forward for the 2028-29 school year

Science: Intro to College Physics 2A & 2B

- This algebra-based, writing-intensive course explores introductory physics concepts in fluids, waves, and electricity while refining efficiency and elegance in complex problem-solving.
- Building on PHYS 1101W, students will develop high-level technical writing and communication skills through detailed lab report analysis.

Science: Intro to College Physics 2A & 2B

- Target Audience: 12th grade / Prerequisite CIS Intro to College Physics 1A and 1B
- Sections: 1 year long section (2 semester sections)
- Estimated Cost: as determined by T&L

Social Studies: Course Changes

- Add hybrid to:
  - CIS American Democracy
  - CIS Psychology
  - CN Macro-Economics
- Add 10th grade to:
  - Psychology

Woods 1 – “Girls only”

- Same curriculum as “Wood 1 – Introduction”
- This course expands student access to woodworking, blending essential safety and tool training with practical design principles. Through hands-on projects including an end table, pens, and cutting boards, students build key technical, time management, and teamwork skills.
- Target Audience: 9 – 12 grades (Girls Only)
- Sections & Cost: 1 section / as determined by T&L

DISCUSSION
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