**Pathways and Plans of Study**

In order for students to meet their post-secondary and workforce goals, students are encouraged to choose a pathway and a plan of study to help guide them through the appropriate course sequences in each subject. All students (sixth through twelfth grade) in District 49 have Pathway Plan (also known as ICAP). Through the College in Colorado website, students can access information concerning careers, interests, post-secondary options, military, industry, certifications, concurrent enrollment, test prep, etc. and update their Pathway Plan (ICAP) to meet their individual needs. Advisors, teachers, counselors, teacher leaders, and administrators can advise and support students through their individual plans.

**Examples of Pathways and Plans of Study:**

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| **Sand Creek High School Diploma** | | | | |
| **9th Grade** | **10th Grade** | **Mastery** | **11th Grade** | **12th Grade** |
| English I | English II | SAT 470+, ACT 18+, AP 2+, CE C+ | English III | English IV |
| Algebra 1 | Geometry | SAT 500+, ACT 19+, AP 2+, CE C+ | Algebra II | Elective |
| Biology | Chemistry | C or higher on Final Exam + Passing Course | Science Elective | Elective/Online Course/CE |
| Civics/PFL Economics | World History | Capstone Project | US History | American Government |
| Foreign Language I or Practical Art | Foreign Language II or Practical Art | Industry Certification | Elective/Online Course/CE | Elective, Internship |
| Fine Art Elective | Fine Art Elective | Credits obtained per Pathway Requirements | Elective, Job Shadow, or Internship | Elective |
| Intro to PE/ Health or Other Elective | PE/ Health of Other Elective | ICAP Indicators |  |  |
| Technology Elective | Elective |  |  |  |

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| **Advanced Academics** | | | | |
|  | AP & CE courses are recommended Options | | |  |
| **9th Grade** | **10th Grade** | **Mastery** | **11th Grade** | **12th Grade** |
| English I (H) | English II (H) | SAT 470+, ACT 18+,  AP 2+, CE C+ | AP or CE | AP or CE |
| Algebra 1 or Higher | Geometry or Higher | SAT 500+, ACT 19+,  AP 2+, CE C+ | AP Statistics, AP Calculus, or CE | AP Statistics, AP Calculus, or CE |
| Biology (H) | Chemistry (H) | C or higher on Final Exam + Passing Course  Capstone Project | AP Chemistry, AP Biology, or CE | AP Chemistry, AP Biology, or CE |
| Civics/Geography (H) | World History (H) | Industry Certification | AP US History or CE | AP Government or CE |
| Foreign Language I | Foreign Language II | Credits obtained per Pathway Requirements | Foreign Language III | Foreign Language IV |
| Fine Art Elective | Fine Art Elective | ICAP Indicators | CE or other Elective | CE or other Elective |
| Intro to PE/ Health or Other Elective | PE/ Health or Other Elective |  |  |  |
| Technology Elective | Elective |  | Elective | Elective |
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| **AMPED - PLTW** | | | | |
|  | AP & CE courses are recommended Options | | |  |
| **9th Grade** | **10th Grade** | **Mastery** | **11th Grade** | **12th Grade** |
| English I or English I (H) | English II or English (H) | SAT 470+, ACT 18+, AP 2+, CE C+ | English III, AP or CE | English IV, AP, or CE |
| Algebra 1 or Higher | Geometry or Higher | SAT 500+, ACT 19+,  AP 2+, CE C+ | Algebra II or Higher | Pre-Calculus or higher |
| Biology or Biology (H) | Chemistry or Chemistry (H) | C or higher on Final Exam + Passing Course  Capstone Project | Science Elective | Elective/Online Course/CE |
| Civics/Geography or Civics(H)/Geography(H) | World History or World History (H) | Industry Certification | US History or AP US History | American Government or AP Government |
| Foreign Language I | Foreign Language II | Credits obtained per Pathway Requirements | Elective/Online Course/CE |  |
| Fine Art Elective | Fine Art Elective | ICAP Indicators | Elective, Job Shadow or Internship | Elective or CE |
| Intro to PE/ Health or Other Elective | PE/ Health of Other Elective |  | Elective | ADD |
| IED | POE |  | EDD |  |
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| **AMPED - ART** | | | | | | |
|  | AP & CE courses are recommended Options | | | | |  |
| **9th Grade** | **10th Grade** | | **Mastery** | | **11th Grade** | **12th Grade** |
| English I or English I (H) | English II or English II (H) | | SAT 470+, ACT 18+, AP 2+, CE C+ | | English III, AP or CE | English IV, AP or CE |
| Algebra 1 | Geometry | | SAT 500+, ACT 19+, AP 2+, CE C+ | | Algebra II |  |
| Biology or Biology (H) | Chemistry or Chemistry (H) | | C or higher on Final Exam + Passing Course  Capstone Project | | Science Elective | Elective/Online Course/CE |
| Civics/Geography or Civics(H)/Geography(H) | World History or World History (H) | | Industry Certification | | US History or AP US History | American Government or AP Government |
| Foreign Language I or Practical Art | Foreign Language II or Practical Art | | Credits obtained per Pathway Requirements | | Elective/Online Course/CE | Elective or CE |
| Intro 2D/Intro 3D | Visual Arts Electives | | ICAP Indicators | | Elective, Job Shadow or Internship | Visual Arts Electives (Area of Pathway Focus) |
| Intro to PE/ Health or Other Elective | PE/ Health of Other Elective | |  | | Visual Arts Electives (Area of Pathway Focus) |  |
| Technology Elective | Elective | |  | |  |  |
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| **Business - Associates or Bachelors** | | | | | | |
| **9th Grade** | **10th Grade** | | **Mastery** | | **11th Grade** | **12th Grade** |
| English I or English I (H) | English II or English II (H) | | SAT 470+, ACT 18+, IB 4+, AP 2+, CE C+ | | English III, AP, CE or Elective | English IV, AP, CE or Elective |
| Math | Math | | SAT 500+, ACT 19+, IB 4+, AP 2+, CE C+ | | Math | Math, MAT 107 or MAT121 |
| Science | Science | | C or higher on Final Exam + Passing Course  Capstone Project | | Science | Science |
| Civics/Geography or Civics(H)/Geography(H) | World History or World History (H) | | Industry Certification | | US History or AP US History | American Government or AP Government |
| Intro to Bus/Intro to Communication | Accounting I/Principles of Marketing/Econ | | Credits obtained per Pathway Requirements | | Job Shadow or Internship/PFL/ACE | Job Shadow or Internship/PFL/ACE |
| Career Exploration | Business Communications/Business Lab | | ICAP Indicators | | COM 115/Business Lab | None; COM 115/Business Lab |
| Intro to PE/Health or other Elective | Elective | |  | | BUS 115 | None; BUS 115 |
| Elective | Elective | |  | |  |  |

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| **Business - Career** | | | | |
| **9th Grade** | **10th Grade** | **Mastery** | **11th Grade** | **12th Grade** |
| English I or English I (H) | English II or English II (H) | SAT 470+, ACT 18+, AP 2+, CE C+ | English III, Technical Writing or COM 115 | None; Technical Writing/Com II5 |
| Math | Math | SAT 500+, ACT 19+, AP 2+, CE C+ | Business Math, MAT 103, 107, or 112 | None; Business Math, MAT 103, 107, 0r 112 |
| Science | Science | C or higher on Final Exam + Passing Course  Capstone Project | Science |  |
| Civics/Geography or Civics(H)/Geography(H) | World History or World History (H) | Industry Certification | US History or AP US History | American Government or AP Government |
| Business Basics/Intro to Business or Intro to Communication | Intro to Finance/Principles of Marketing | Credits obtained per Pathway Requirements | Job Shadow or Internship/PFL/ACE | Job Shadow or Internship/PFL/ACE |
| Career Exploration | Business Communications/Business Lab | ICAP Indicators | COM 115/Business Lab | None; COM 115/Business Lab |
| Intro to PE/Health or other Elective | Elective |  | BUS 115 | None; BUS 115 |
| Elective | Elective |  |  |  |