CORES & ELECTIVES

***Credits required to Graduate** **(Classes listed may not be offered due to budget cuts, student requests)**

***3 credits of MATHEMATICS (see math flow chart)**

Foundations of Algebra and Geometry
Algebra | Geometry | Advanced Algebra
Pre-Calculus/Trigonometry | Personal Finance Math S1 | Business Math S2
AP Calculus AB

***4 credits of ENGLISH**

Language Arts 9, 10, 11, 12 | Honors Language Arts 9, 10 | Film as Literature (11th and 12th only)
Creative Writing (11th/12th only) | Journalism (1 semester) 11th/12th only
AP Lang (11th grade) | Technical Writing (1 semester) 11th/12th only

***1 credit of PHYSICAL EDUCATION**

Life Activities **(required 9th course, must take prior to other gym classes)**
Movement & Activities (YOGA) | Physical Training | Individual Team Activities

***.5 credit of HEALTH**

Health (required 9th course, one semester)

***3 credit total of SCIENCE (1 credit Life/1 credit Physical/1 credit either/or):**

***1 credit of LIFE SCIENCE**

Biology (9th) | AP Biology/ (11th or 12th) rotating years with AP Chemistry
Anatomy/Physiology (11th-12th) | Marine Biology (11th-12th)
Environmental Science (11th or 12th)

***1 credit of PHYSICAL SCIENCE**

Physical Science (10th) | Chemistry (10th-12th (Taken Advanced Algebra or concurrently enrolled)
Earth Science (10th, 11th or 12th) | AP Chemistry (11th, 12th) rotating years with AP Biology
Physics (11th or 12th) | Forensic Science (1 semester)

***3 credits of SOCIAL STUDIES**

Alaska History (required 9th course, 1 semester long) Geography (1 semester)
World History 10th | AP World History 10th
U.S. History 11th | AP U.S. History 11th
Government 12th

Optional SOCIAL STUDIES ELECTIVES

Psychology | Sociology

***3 CREATIVE/PRACTICAL ART CREDITS REQUIRED**
***.5 CREATIVE ARTS/GRAPHIC & PERFORMING ARTS**

Beginning Ceramics | Intermediate Ceramics | Advanced Ceramics
Drawing & Design | Intermediate Art (has prerequisites) | Advanced Art (has prerequisites)
Sculpture | Drama 1, 2
Mixed Choir | Guitar 1, 2
Symphonic Band (Audition)
Instrumental Ensemble (Drumline)

***.5 Credit of PRACTICAL ARTS/BUSINESS**

Welding 1, 2, 3, 4 | CAD/CAM I/II | Construction 1, 2, 3, 4
Foods and Nutrition 1/2 | Culinary Arts 1, 2 (**must have Foods 1 and 2 prior)**
Software Design | Officiating Team Activities | Relationships

***4.5 credits of GENERAL ELECTIVES:**

WORLD LANGUAGE (GENERAL ELECTIVE)

Spanish 1 | Spanish II | Advanced Spanish

Updated 8/28/2026