

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

Pre-Calculus/Trigonometry

AP Calculus AB

Geometry

Personal Finance Math S1

Advanced Algebra

Business Math S2

***4 credits of ENGLISH**

Language Arts 9, 10, 11, 12

Creative Writing (11th/12th only)

AP Lang (11th grade)

Honors Language Arts 9, 10

Journalism (1 semester) 11th/12th only

Technical Writing (1 semester) 11th/12th only

Film as Literature (11th and 12th only)

***1 credit of PHYSICAL EDUCATION**

Life Activities (required 9th course, must take prior to other gym classes)

Movement & Activities (YOGA)

Physical Training

***.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)

Anatomy/Physiology (11th-12th)

Environmental Science (11th or 12th)

AP Biology/ (11th or 12th) rotating years with AP Chemistry

Marine Biology (11th-12th)

***1 credit of PHYSICAL SCIENCE**

Physical Science (10th)

Earth Science (10th, 11th or 12th)

Physics (11th or 12th)

Chemistry (10th-12th (Taken Advanced Algebra or concurrently enrolled)

AP Chemistry (11th, 12th) rotating years with AP Biology

Forensic Science (1 semester)

***3 credits of SOCIAL STUDIES**

Alaska History (required 9th course, 1 semester long) Geography (1 semester)

World History 10th

U.S. History 11th

Government 12th

AP World History 10th

AP U.S. History 11th

Optional SOCIAL STUDIES ELECTIVES

Psychology

Sociology

***3 CREATIVE/PRACTICAL ART CREDITS REQUIRED**

***.5 CREATIVE ARTS/GRAPHIC & PERFORMING ARTS**

Beginning Ceramics

Drawing & Design

Sculpture

Mixed Choir

Symphonic Band (Audition)

Instrumental Ensemble (Drumline)

Intermediate Ceramics

Intermediate Art (has prerequisite) Advanced Art (has prerequisite)

Drama 1, 2

Guitar 1, 2

Graphics (take Drawing first)

Advanced Ceramics

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

Welding 1, 2, 3, 4

Construction 1, 2, 3, 4

Foods and Nutrition 1/2

Software Design

CAD/CAM I/II

Intro to Career Pathways

Culinary Arts 1, 2 (**must have Foods 1 and 2 prior**)

Officiating Team Activities

Yearbook (Year long course)

***4.5 credits of GENERAL ELECTIVES:**

WORLD LANGUAGE (GENERAL ELECTIVE)

Spanish 1

Spanish II

Advanced Spanish