Third Session-Quarter 3
2026-27 Course Descriptions

Intro to Advertising, Art, and Design : H8211
This course explores the commercial art field. Students will be introduced to advertising approaches, color and design theory, marketing, web page layout, symbols, and logo design. Students will produce visual art using graphic design software.

Business Basics : H8731
Do you have a Big Idea? Learn what it takes to take a concept to a product. We will cover business planning, problem solving, management, and operations through project-based learning.

Career and College Prep (Mentorship for Young Men) : **H8121**
This course is focused on supporting young men with mentorship, development, career planning, and college preparation. The following pillars will be the specific goals students will achieve over the course of study: conflict resolution, teen legal rights, financial management for teens, mass media discipline, healthy nutrition habits, along with several other basic topics for preparing young men for success.

Intro to Carpentry : **H8579**
This course is a hands-on, project-based course that is designed to provide entry-level skills across multiple fields and technical disciplines. Students will practice a culture of safety while learning how to use different tools associated with construction, architecture, and engineering.

Introduction to Civil Engineering : H2031CTE
This course introduces students to civil engineering. Students will learn why civil engineering makes possible the roof over your head, the bridges you drive on, and the water you drink. Alaska's highways, railroads, airports, and even sewage systems exist thanks to civil engineers. Students will utilize mathematics and conceptual thinking to engage in hands-on projects designed to teach civil engineering design, construction, and maintenance of the built environment.

Introduction to Collision Repair : H8214
Students will be introduced to auto body collision repair procedures including shop safety, estimating, damage analysis, metal straightening, body filler application and sanding using modern techniques, materials and tools. Students will also practice paint preparation and painting techniques including surface preparation, priming, sanding, masking, paint mixing and spray gun use. Basic reading, math and comprehension skills will be employed while writing estimates, reading paint and repair manuals, measuring and mixing paint.

Culinary & FCCLA (Family Career & Community Leaders of America): Cook, Create, Lead, & Compete! : H8316
Cook, Create, Lead & Compete! Explore the culinary world through hands-on cooking while building leadership, communication, teamwork, problem-solving, organization, and confidence. Choose what interests you—Baking & Pastry, Cake Decorating, Food & Nutrition, Sports Nutrition, Healthy Cooking, Culinary Competition, Food Innovation, or your own culinary passion project. Get involved with FCCLA, a national Career and Technical Student Organization (CTSO), and experience culinary competitions, creative food challenges, team projects, and leadership opportunities. Learn new skills, find your culinary passion, compete, and become a leader—in the kitchen and beyond!

Culinary and Hospitality Foundations : H8514
This course explores opportunities in the culinary and hospitality industries. Students develop hospitality, service, and career-ready practices while mastering the safety and sanitation requirements of the industry. Students will develop fundamental kitchen safety skills and learn the foundations of cooking and nutrition. Certifications: Food Handlers Card

Introduction Early Childhood Education : H8580
This course introduces students to the foundations of childhood development and early learning. Students will get hands-on experience working in a preschool classroom. Students will plan and implement lessons for preschool students. In addition to learning about child development and how to support the early teaching of 4–5-year-olds, students will learn about careers and education and the pathways available for a Child Development Associate Credential (CDA), associate and bachelor's degrees in early childhood education leading to teacher certification offered at UAA.

Introduction to Electronics : H8530
This course explores careers and develops skills in the field of electronics and telecommunication. Students will explore the tasks and tools that electronics and telecommunications installers need to know. Students will learn about the education/knowledge that supports workers in the field of electronics and telecommunications (trade unions, FCC).

Emergency Trauma Tech (ETT) : H8949
The course is designed for students planning careers in emergency services careers such as firefighting, search and rescue, guiding, emergency medical technology, and positions that involve working at remote sites where urban EMS systems may not be available. The course is about 25% lecture and discussion, and 75% hands-on in which students practice patient assessment and treatment techniques on each other. Counts as a .5 Life Science credit.

Exploring Mathematics: Finding Connections to Everyday Life : H7070
This course explores how mathematics is used beyond the classroom to understand and solve real-world problems. Through hands-on activities, projects, and practical applications, students will discover how mathematics connects to fields such as science, engineering, art, business, and everyday life**.** Students will investigate mathematical ideas by doing rather than simply learning formulas. They may analyze data, design and build models, explore patterns, solve problems faced by engineers and businesses, and use mathematics to understand phenomena in the natural world. The goal of the course is to help students see why mathematics matters, develop problem-solving and critical-thinking skills, and recognize mathematics as a powerful tool for understanding and interacting with the world around them.
Counts as .5 credit of Math Elective credit.

Intro to Film, Audio, and Video Production : H8858
This course explores the skills and knowledge needed to launch a successful career in film, video content creation, or television. Students will use the same equipment as industry professionals to produce, create, and edit videos and movies.

Gamifying Tolkien's The Hobbit: H0455
In this course, students will engage with Tolkien's classic story *The Hobbit* in a way unlike ever before. Working together as a classroom community, students will *experience* the novel as an interactive, tabletop role-playing game. Students will work together in a collaborative, interactive learning environment to create and explore characters, make meaningful choices, and overcome increasingly difficult challenges as a team. Throughout the course, students will also engage in close readings of select passages from *The Hobbit*, as well as conduct character and literary analysis and practice creative writing. No previous role-playing experience is necessary! Students only need to arrive ready to embark on a unique learning adventure they won't soon forget. Counts as a .5 English Elective credit.

Health Occupations : H8113
This foundational course is an introduction to the many careers in the field of health care and health services. Students will develop an understanding of basic body systems, human anatomy, and disease prevention. During the course, students will have the opportunity to receive the following certifications: Heart saver CPR, Basic First Aid, and Food Handler's Card. Counts as a .5 Science Elective credit.

Introduction to Horticulture Science : H8979
This hands-on course introduces students to the fundamentals of horticulture, hydroponics, landscaping, and landscape design. Students interested in careers in farming, landscaping, landscape architecture, or those simply excited about homesteading will gain valuable knowledge and practical experience.

Rural Criminal Justice : H8220
This course covers the three major components of the criminal justice system: law enforcement, law, and corrections. In addition to a survey of the criminal justice system, students will focus on rural policing. Students will also hear from professionals working in various fields in criminal justice. Counts as .5 credit of SS Elective for APS, not for graduation.

Intro to Welding : H8465
This course introduces students to the variety of career pathways in the Welding Industry. Students will learn and practice Welding and construction site safety practices. Topics covered include Introduction to welding equipment, welding tools, metals and metals used to weld, and using the equipment to perform basic welds.