ACADEMY OF ARTS, CAREERS AND TECHNOLOGY

380 Edison Way, Reno, NV 89502   327-3920

Academy of Arts, Careers and Technology (AACT) is the premier high school in Washoe County School District for advanced Career and Technical Education programs. Students can either attend on a full or part-time basis. Programs are open to all WCSD students who are interested in receiving hands-on training and realistic experiences in the careers of tomorrow. The Academy prepares student to be college and career ready!

The courses and academies at AACT are linked with the career and technical programs at Truckee Meadows Community College through the Tech Prep program. This program allows high school students to get a "jump start" on a college degree by earning college credits for high school coursework completed with a grade of "B" or better.

Please see your counselor for a full description of the course, prerequisites, and lab fees.

CAREER TECH PART TIME COURSES

Baking & Pastry II (9503-9306) & Lab (9307-9308): The Commercial Baking program is offered for second year culinary students providing instruction on commercial baked goods production for students who wish to pursue a career in the commercial baking industry. By operating a pastry and coffee service in the school, students will be introduced to equipment, methods, techniques, and terminology common to quantity bakeries. Prerequisites: Food 1-2, or Culinary 1-2 or ServeSafe Certification**. Credits: 1 per semester

Culinary II (9317-9318) & Lab (9319-9320): This program is offered to second year culinary students providing instruction for commercial food production for students who wish to pursue a career in the commercial food industry. Students learn through operating an on-site restaurant open to the public. Prerequisites: Passing Grade in Algebra 1. Food 1-2, or Culinary 1-2, or ServeSafe Certification**. Credits: 1 per semester

Drafting & Design II (9807-9808) & Lab: Students will utilize a computer laboratory for the development and generation of computer enhanced drawings and graphics. This includes the use of computer software for drafting, design, modeling, automated manufacturing, digitizers, color plotters and printers, and software that supports mechanical and architectural drafting. Prerequisites: "C" or better in Drafting or CADD 1-2, or ability to demonstrate drafting fundamentals. Credits: 1 per semester

Animation 2(9603-9604) & Lab (9605-9606): 3D Computer Graphics & Digital Media is a foundation course that introduces computer systems and applications as they relate to 3D graphic communications for digital media. This course encompasses technical and creative design visualization, along with hands-on skill development, career exploration, and project-based content creation. It involves students with computer based applications utilized in the computer graphics and design visualization industries. Prerequisites: Computer Art, or Photoshop & Illustrator experience and ability to read college level text (manuals). Credits: 1 per semester

Video Production 2 (9655-9656) & Lab (9657-9658) : This course focuses primarily on film-making with continued development, study, and practice in multi-platform journalism. Video Production continues study and application of material from Video Production 1 and introduces new and advanced concepts/techniques in the fields of Broadcasting, Videography, and Digital Photography, and the application and incorporation of these disciplines within the multimedia and cross-platform

communications industries. **Pre-requisites**: Digital Video or Video Production course or equivalent, AND instructor approval. Credits: 1 per semester

Early Childhood Education III (9391-9392)& Lab (9393-9394): This program is for students who are interested in working with children as child care providers, teachers, parents, recreation leaders or child related health care professionals. The course will consist of individual and group study combined with laboratory experience. An "on-site" preschool program and placement in community childcare centers will provide the practical application of the theories studied. Students will be given the opportunity to develop entry-level skills in child guidance and early childhood education. Prerequisites: "C" or better in Child & Human Development 1-2 or CPR certification*, or teacher approval. Credits: 1 per semester

Entrepreneurship (9211-9212) & Lab (9213-9214) : This course covers banking, business principles, creating and implementing a business plan, and commercial/consumer credit. Management, business finance, investing, and practicing business in a global economy are topics that will be covered. Students will create a business plan related to a product or service of their choice. Students will gain knowledge about the criteria used to grant credit by financial institutions through classroom instruction and an internship through United Federal Credit Union. Students will be trained as employees in the United Federal Credit Union on our campus. Prerequisites: "C" or better in computer literacy. Credits: 1 per semester

Graphic Communications & Production 1 (9625-9626) & 2 (9627-9628): Students will learn to operate screen-printing equipment, offset printing presses, and advanced state-of-the-art desktop publishing systems. They will perform layout and design functions and reproduce multicolored projects including T-shirts, stickers, and embroidered sweaters. Prerequisites: Introductory art class. Credits: 1.5 per semester. Class located on Foster Drive by Reno High School.

Health Occupations I (9509-9510) & II (9511-9512): This course covers health care topics, anatomy and physiology, and medical terminology. Basic nursing skills will be taught. Health care careers will be emphasized and directly observed during the on-site hospital job shadowing opportunities. Prerequisites: "C" or better in Biology, CPR & First Aide certification*, and must have own transportation to the hospital job shadowing. Credits: 1 per semester

Medical Assistant (9519-9520) & Lab (9521-9522): This program is offered to students interested in attaining academic and clinical training in a variety of medical areas. In this course students will study the following: human anatomy, physiology and pathology; medical terminology; laboratory techniques; clinical and diagnostic procedures; pharmacology; medical administration; first aid; office practices; patient relations; medical law and ethics; keyboarding and computer applications; recordkeeping and accounting; and coding and insurance processing. Students will participate in job showing opportunities in medical offices. Prerequisites: "C" or better in Biology, CPR & First Aide certification*, and must have own transportation to the job shadowing offices. Credits: 1 per semester

Sports Medicine I (9529-9530) & II (9531-9532): This is an activity-based experience. The course will cover the related fields of athletic training, physical therapy, pre-medicine, and EMT-Basic. Students learn the basics of athletic training: prevention, evaluation, management rehabilitation, and basic First Aid/CPR or sports injuries. EMS includes training and certification in American Heart Association Health Care Provider CPR. Prerequisites: "B" or better in Biology, CPR & First Aide certification*. (Anatomy & Physiology is recommended) Credits: 1 per semester

Welding Technology III (9733-9734 & 9735-9736): The third year of the Welding Program allows students the opportunity to further their individual welding skills in all process areas. Students will work towards meeting the competencies as set forth by the American Welding Society through the Entry Level I training program. Achieving certification in the SMAW, GMAW, FCAW and GTAW will be a primary focus for students.. Prerequisites: Successful completion of Welding Technology 1-2 and 3-4 **and** Instructor approval. Credits: 1 per semester

Project Ready: For students receiving Special Education Services, this course is designed to enhance basic job readiness and employability skills with hands-on experience. Students will learn daily living, personal, social, and occupational skills necessary to achieve their highest levels of economic, personal and social fulfillment. Student are off campus most of the time working in local businesses and exploring career opportunities. Prerequisites: Case manager placement. Credits: 3 per semester

Full Time Students at AACT

We also accept students full-time 9- 12 grade. Our students graduate from The Academy with a standard high school diploma or, if qualified, an Advanced or Honors Diploma. For an application or more information about the Academy of Arts, Careers and Technology high school, please call **327-3920 or go to our website: washoecountyschools.org/aact**

Certifications

* If the class requires CPR and First Aid, the student can take this at Red Cross, REMSA or over the summer at the Academy of Arts, Careers and Technology.

** If the class requires ServeSafe a class will be taught by Chef Wright through Talon Consulting this summer. Call 848-8305 to register.