

Northern Nevada's Premier Career and Technical High School



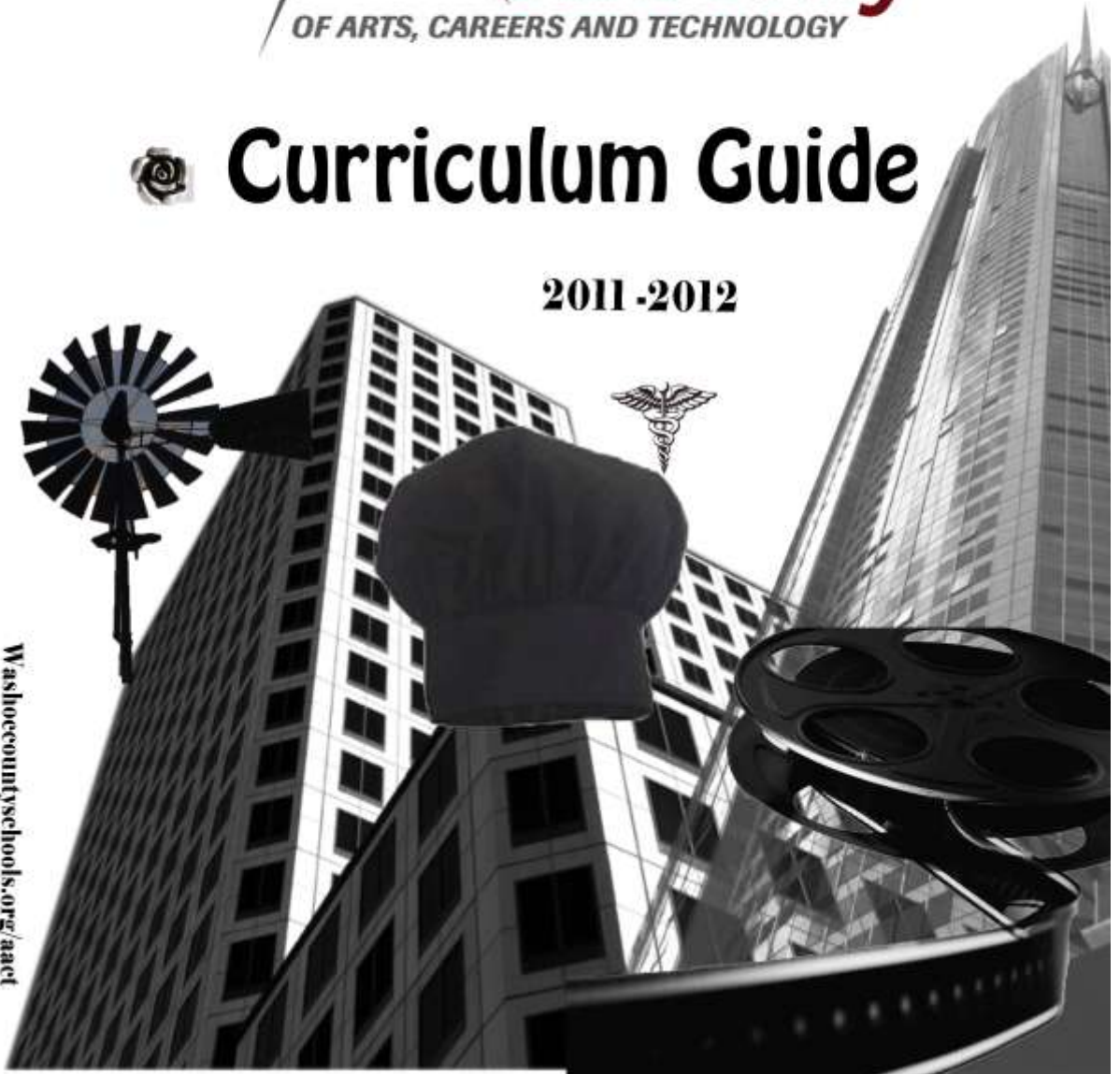
380 Edison Way
Reno, Nevada 89502
775-327-3920



 **Curriculum Guide**

2011-2012

Washoocountyschools.org/aact



ACADEMY OF ARTS, CAREERS & TECHNOLOGY REGISTRATION GUIDE

This handbook contains general information about policies and procedures regarding course offerings. In addition it contains a description of each course that is offered at the Academy of Arts, Careers and Technology or by alternative or occupational programs across the district. **Courses that appear in this booklet may be cancelled due to insufficient enrollment or insufficient teacher allocation.** These courses are listed within specific academic areas or programs. Questions should be directed to your counselor.

Please be sure to note pre-requisites and fees for courses in which you are interested.

Information and registration materials are mailed to each student during the summer and throughout the school year. Please notify the school immediately if you have a change of address.

Counseling Department

Counseling department services included educational advisement, planning, and development, college and career counseling, confidential personal/social counseling, and academic skill development.

MAKING AN APPOINTMENT

Any student may make an appointment to meet with their counselor by stopping by the Counseling Office. Our counselor will meet with the student as soon as possible. Any student may also drop-in before and after school, or during lunch to meet with their counselor.

You can contact a counselor by phone (327-3920) and request the appropriate counselor.

COUNSELOR

Bryan Hakanson

WCSD HIGH SCHOOL POLICIES AND PROCEDURES

The following selected regulations and requirements are common to all of the public high schools in the Washoe County School District. This is an important, but not exhaustive, list. Other district regulations may apply and individual schools may have additional policies and procedures that are in effect on certain campuses.

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THE GATEWAY CURRICULUM (ADMINISTRATIVE REGULATION 6511)

Gateway is a default course of study in which all students will automatically be enrolled in:

1. 4 years of math
2. 3 years of science
3. 6 courses as seniors

Exceptions

Per Administrative Regulations 6511, students may be granted exceptions on a limited, case-by-case basis. Exceptions may be granted under the following conditions:

1. A special education student exempted via the IEP process.
2. A student is directly receiving ESL services (and for whom it is determined that it would be educationally inappropriate to complete the Gateway Course of Study).
3. A student who has transferred into a WCSSD high school as a junior or senior and cannot earn the fourth mathematics or third science credit during the school year in his/her remaining school years before graduation. Determination of whether a student can earn the fourth mathematics and/or third science credit will be made jointly in a conference with the student, parent, counselor, and principal or curriculum assistant principal within 10 days of enrollment.
4. A student exempted through the formal opt-out procedure as established by the Office of Secondary Education.

PLEASE NOTE: No student is automatically exempted; every case should be considered on an individual basis.

HIGH SCHOOL GRADUATION REQUIREMENTS

(ADMINISTRATIVE REGULATION 5127)

The REQUIRED COURSES are as follows:

English	4 credits
Mathematics	3 credits
Science	2 credits
World History/World Geography	1 credit
US History	1 credit
American Government	1 credit
Arts/Humanities/Occupational Ed.	1 credit
PE/HSROTC or approved equivalency	2 credits
Health or approved equivalency	.5 credit
Computer Literacy	<u>.5 credit</u>
TOTAL	16 credits required courses
Electives	<u>6.5 credits</u> elective courses
GRAND TOTAL	22.5 credits to graduate

In addition to the minimum 22.5 credits earned, all students must receive a passing score on all required sections of the Nevada High School Proficiency Exam.

TYPES OF DIPLOMAS

In order to graduate from a Washoe County high school, a student must earn a minimum of 22.5 credits including certain requirements and a variety of electives. In addition, each student must have passed all required sections of the Nevada High School Proficiency Examination (NHSPE). One of the following will be issued to qualifying students:

STANDARD DIPLOMA: This student will have completed a minimum of 22.5 credits with all requirements met and will have passed all required sections of the NHSPE. See “Graduation Requirements.”

ADVANCED DIPLOMA: This student will have completed a minimum of 24 credits, including all requirements for a standard diploma plus one additional credit of science (total 3 credits) and one additional credit of math (total 4 credits) with a minimum of 3.25 GPA (no rounding) including all credits applicable toward graduation, and will have passed all required sections of the NHSPE.

HONORS DIPLOMA: The Honors Program is designed to enhance academic preparation and challenge students through more rigorous course work. An honors course offers material that is intellectually stimulating and challenges students beyond the scope of regular classroom work; assumes a mastery of the basics required for further study in a given area; emphasizes the quality of work over the quantity of work; provides depth and divergence through the study of ideas, themes, and problems; integrates knowledge across disciplines; demands use of higher order thinking skills including abstract reasoning, analysis, synthesis, and evaluation; requires flexibility in thinking and the use of divergent viewpoints; requires a proven student work ethic and full engagement in learning as an experience in its own right; requires excellence in the use of oral, written, and research skills; and promotes the use of a variety of in-depth performance tasks and assessment tools.

This student will have completed a minimum of 24 credits (20 required and 4 elective) including at least eight (8) qualified honors level classes, and will have passed all required sections of the NHSPE, a minimum 3.40 GPA, weighted (no rounding), and no course failures during the last two years, unless the course is repeated to remove the "F" from the transcript. This diploma is designed to reward students who take and succeed in the most challenging academic program that the high school has to offer. See “Honors Diploma Requirements” for specific required courses. NOTE: Students who earn an Honors Diploma automatically qualify for an Advanced Diploma.

ADJUSTED DIPLOMA: This student must be certified as a Special Education student. The student must have completed a minimum of 22.5 credits, but may not have completed all of the requirements for a Standard Diploma and/or may not have passed all required sections of the NHSPE. The student’s IEP will specify the conditions under which he/she will receive an Adjusted Diploma. A student who accepts an Adjusted Diploma may work toward a Standard Diploma until his/her 22nd birthday.

CAREER & TECHNICAL EDUCATION ENDORSEMENT: A pupil who successfully completes a program of career and technical education and who otherwise satisfies the requirements for graduation from high school must be awarded a high school diploma with an endorsement indicating that the pupil successfully completed the program of career and technical education. See www.washoe.k12.nv.us/cte/ and click on CTE Endorsement for HS Diploma for a list of courses that comprise a program in your area of interest.

CERTIFICATE OF ATTENDANCE: This student will have completed all of the requirements and credits needed for a Standard Diploma but will not have passed one or more required sections of the NHSPE by the date of graduation. After completing appropriate remedial work, if the student passes the failed section(s) of the NHSPE within fifteen months following the receipt of a Certificate of Attendance, he/she may exchange the Certificate of Attendance for a Standard Diploma issued by the home high school. If the student has not passed all sections of the HSPE within the fifteen (15) month designated time period, he/she may attend the Washoe Adult Program in order to continue efforts to obtain a Washoe High School diploma.

GED: This high school does not issue an equivalency or adult diploma. For information about these programs, contact the Washoe Adult Program at 333-5020.



REQUIRED COURSES FOR GRADUATION DIPLOMAS

Required Courses	Gateway Enrollment Requirements	IB Diploma**	Honors Diploma	Adv Diploma	Millennium Scholarship Requirements	Standard
English	4	4	4	4	4	4
Math	4***	4	4	4	4	3
Science	3***	5	3	3	3	2
World History or World Geography	1	1	1	1	1	1
U. S. History	1	1	1	1	1	1
American Government	1	1	1	1	1	1
PE/HSROTC	2	2	2	2	2	2
Arts/Humanities/ Career Tech.	1	1	1	1	1	1
Computer Literacy	.5	.5	.5	.5	.5	.5
Health/HSROTC	.5	.5	.5	.5	.5	.5
World Language*		4	2.0*			
Electives	varies	varies	4	6	4.5	6.5
Total	22.5	24	24	24	22.5	22.5
# of Honors Credits		14	8			
Required GPA			3.4 weighted	3.25 weighted	3.25 weighted	
Pass all portions of proficiency exam	X	X	X	X	X	X

- * Two years of the same language
- ** International Baccalaureate Diploma requires a rigorous course of study and successful completion of a series of tests. This program is only available at Wooster. Contact the school for more information.
- *** Gateway is “enrolled in” vs. credits earned.

All diplomas require passage of all sections of the Nevada High School Proficiency Examination.

The following formula will be used for calculating weighted GPAs: The unweighted overall GPA will be figured per WCSD Administrative Regulation 5124 (4.0 grading scale; minuses dropped.) Then for each semester of an honors course that a student passes, .025 will be added to the unweighted overall GPA and .050 will be added to each semester of an IB or AP course, producing the weighted overall GPA. The list of designated honors courses (which includes all Advanced Placement and International Baccalaureate courses) recognized for the honors diploma program will be utilized in this weighting formula.

NEVADA HIGH SCHOOL PROFICIENCY EXAM

In order to graduate from a Nevada high school with a Regular, Advanced, or Honors diploma, a student must pass the math, reading, science, and writing sections of the High School Proficiency Exam (HSPE). Students will take the math, reading, and science examinations for the first time during the spring of the 10th grade year and the writing exam in the fall of the 11th grade year. Once a student has passed a section, he/she does not take that section again.

Students who do not pass one or more sections of the HSPE during the first attempt must participate in testing sessions scheduled during the fall and spring of the 11th grade year and then at various times during the 12th grade year. However, prior to all testing attempts after the junior year, students must receive a minimum of 20 hours of remediation or be enrolled in an approved course in the area(s) in which they have not passed the test.

Alternative criteria for a standard High school diploma for certain pupils who fail to pass the Science and/or Writing portions of the HSPE:

In order for students to exercise the option to attempt the Alternative Science and/or Writing Assessments they must:

- Have passed the HSPE reading and math assessments;
- Have failed the HSPE science and/or Writing assessment at least 2 times;
- Have an unweighted GPA of at least 2.75; and
- Have earned sufficient credits to be on schedule to graduate with their class.

A pupil who meets the eligibility criteria above, may demonstrate proficiency in science by submitting to the Department of Education a portfolio of work prepared by the pupil. For more information contact your school.

REQUIRED NUMBER OF CLASSES

With the Gateway Course of Study, all students are automatically enrolled in six courses each year. Only seniors whose parents consent to opt-out may take less than six but no fewer than four credits.. All students are encouraged to take advantage of the numerous educational opportunities available to them during high school.

GRADES

Letter grades of A, A-, B, B-, C, C-, D, D-, or F will be assigned in academic classes. Only a few courses are graded on a pass/fail basis and assigned an S (satisfactory) or U (unsatisfactory) grade. For the purpose of computing grade point average (GPA), minuses are dropped and S/U grades are not included. No credit is awarded for F grades. Students who do not meet the 90% attendance requirement will receive an "F" and will not earn credit

in the course. Grades become part of the permanent record three weeks after report cards are issued. The responsibility for determining a student's grade rests solely with the classroom teacher.

FINAL EXAMINATIONS

Washoe County School District guidelines require a final examination of all students in all courses which award one-half (.5) credit or more. Appropriate semester tests may consist of skill or performance tests as well as oral or written examinations, depending upon the objectives of the course and the nature of the learning activities of the class. The ability to express ideas is a significant goal of educational programs; therefore, essay test questions should be included as part of the final examination in classes in which teachers have used written evaluation in the course of instruction. Students who miss a semester final and do not make it up within the first three weeks of the following semester will fail the course. The grade weight of the semester exam may be up to 25% of the semester grade. **No exams will be given early.**

CREDITS

Most classes in the WCSO instructional program award one-half (.5) credit for one semester's work. The school year is divided into two semesters. Credit is awarded at the end of each semester to students who have met the 90% attendance requirement, have completed work successfully, and have taken the final examination. Students must be enrolled in a course within the first twenty days in a semester to receive credit in that course. Students who withdraw from a class **after** the eleventh week of the semester will receive an "F" no matter what the actual grade was at the time of withdrawal. Students who are not able to complete the required work for a course or who are unable to take the final exam may receive an "incomplete" provided there has been contact/approval by the students counselor or administration. Incompletes must be made up within three weeks after the beginning of the next semester or the incomplete becomes an "F" and no credit is awarded. It is the student's responsibility to make contact with the teacher to arrange to complete the necessary work.

REPORTING TO PARENTS

Reports notifying parents of their student's progress in school are issued quarterly. Grade reports issued at the conclusion of the first nine weeks of each semester (November and March) are Progress Reports indicating the level of achievement of the student at that time. The academic grade issued at the end of each semester (January and June) reflects the student's work for the entire semester and is not an average of two nine-week grades. These semester academic grades, along with the credits earned, citizenship grades, and attendance are posted to the student's permanent record at the end of each semester. In addition to these reports which are issued to every student, students whose work has deteriorated significantly or whose performance puts them in jeopardy of failing will receive a special Academic Warning Notice halfway between each official report (October and December for fall semester, February/March and May for spring semester).

Report cards and Progress Reports are distributed to students at school approximately one week after the close of the reporting period, except for the final reporting period in June when report cards are mailed home. Check the current school calendar for specific dates.

AUDITING A COURSE

A student may choose to audit a course provided he/she receives permission from the high school administrator and the course instructor. Students who are enrolled in a course on an audit basis will not receive credit for the course. In order to remain in good standing in an audited course, each audit student must complete all assignments and exams and will abide by all attendance policies.

A student may be removed from an audited course at the discretion of the high school administration and the course instructor. An academic grade of "NM" ("no mark") and a regular A-F citizenship grade will be assigned to students in an audited course. A student may not drop a course to an audit after the 11th week of the semester. Audit is not an option for home school, private school, or charter school students who are accepted to participate in a course at the high school. Whether or not a school allows students to audit courses is a site decision.

WITHDRAWAL FROM CLASS

A student withdrawing from a class during the first eleven (11) weeks will receive no credit. After the eleventh week a student withdrawing from a class shall receive a grade of "F" and no credit. A student who is accepted to AUDIT a class must do so prior to the eleventh week.

REPEATING A CLASS

A student may repeat a course provided he/she receives permission from the high school administration or an identified designee. A student shall not receive additional credit for the repeated course or if he/she takes a "content equivalent" course. The higher grade shall be recorded on the permanent record and the lower grade replaced with the notation "RP" for "repeated."

If a student earns an "F" in a course, any course which meets the same requirement for graduation may be taken to meet that requirement. The "F" remains on the permanent record unless the repeated course is the same course as the one in which the student received an "F" grade. For the purpose of replacing an "F," the "same course" may include a modified title such as "CBI," "Night School," "Correspondence," "CBE," etc. If the intention of the student is to raise a grade, it is expected that the student will repeat the same course and in the same format it was originally taken or in WOLF. For the purpose of raising a grade, the "same course" may not include a modified title except for WOLF "OL".

ALTERNATIVE MEANS OF EARNING CREDIT

Administrative Regulation 5127.1 limits the maximum number of credits from alternative means that may be applied toward high school graduation to four (4). For the purpose of this regulation, "alternative means" refers to credits earned through correspondence, off-site on-line (electronic) courses, credit-by-exam, work experience, community service, and travel study. Credits earned in summer school, extended day/night school, and on-site or district-sponsored on-line classes (e.g. PLATO, WOLF, SCPE and PE Options) are not included as part of the maximum four credits. Grades earned in any supplemental or alternative program will be averaged into the appropriate semester's GPA.

SUPPLEMENTAL CREDIT PROGRAMS

Please note: All program information is available at (www.washoe.k12.nv.us/suppcredit). All registration is on-line through that website. Counselors must confirm any course for which a student enrolls. All grades issued by Supplemental Credit are posted to the Solutionwhere Website and can be obtained by the student, counselor, or registrar as they are entered (normally 1-2 weeks following course completion). A summary of grades is sent to school registrars each semester at the end of the semester in which the student completes the course. Summer School grades are posted in August.

COMMUNITY SERVICE (1/4 credit): Open enrollment \$25
52 weeks allowed for completion
120 hours of **educational experience** required, S/U grade

Description:

Students are required to write a summary of what they will do for their community service hours. A supervisor of the organization benefiting from the community service must provide his/her approval and phone number. The supervisor is responsible for verifying all volunteer hours. **Volunteering at your church, home, or for relatives does not qualify for community service credit.** Credit in this course counts toward the maximum of four alternative credits allowed for graduation. Hours earned prior to the completion of registration are not counted.

CREDIT BY EXAM CBE (1 or 1/2 credit): Scheduled Dates \$50
Scheduled dates available on the WEB, from SCO, or your counselor
Time allowed for exams vary. S/U grade
Computer literacy, World Language (Spanish, German, French levels 1-4) and
All levels of math

Description:

Students who believe they are capable of passing a course without completing the coursework are allowed to challenge the course by taking a credit by exam. CBEs are proctored and are scheduled frequently. Passing scores result in the student earning credit for the course being challenged. Credits earned through a CBE count toward the maximum of four alternative credits allowed for graduation. CBE can be used to replace an F. Algebra 1 and Algebra 2 CBEs (.5 credit per test) are administrated on-line through WOLF.

NIGHT SCHOOL (1/2 credit): Semester enrollment

\$100

60 hours of instructional time. Classes are over before semester end.

Only Recreational PE (bowling) is being offered in Night School. Students are encouraged to check the Supplemental Credit website for new or updated information.

Description:

Class meets for two hours twice a week. Since minimum hours are required, attendance needs to be nearly perfect. Students have final exams. Opportunity for make up work is very limited. The bowling class (PE credit) is held at the Grand Sierra Resort bowling lanes. An additional fee is charged by the GSR for bowling. Night school does not count as an alternative credit and can be used to raise a passing grade or replace an F. Night School should be listed in the student's schedule and may be counted toward the minimum course load.

RECREATIONAL PE OPTIONS (1/2 credit): Open enrollment

\$75

60 sessions required, S/U grade.

Minimum of 60 days--Maximum of 210 days allowed

Check the WEB or with the counselor for approved locations

Description:

Students must enroll in a gym/sports center where **group** classes are taught by an instructor certified in the activity being offered. Only gyms/centers approved by the Supplemental Credit Office are available for students wanting to participate in this option. The gym/center documents sessions and monthly reports are submitted by the student to the Supplemental Credit Office. Only one session a day may be counted toward the required sessions. A final exam is given by Supplemental Credit. A maximum of two PE credits may be earned through this course. PE Options may be used for an elective credit. It cannot be used to raise a passing grade in PE but it can be used to replace a failing grade in PE. PE Options does not count as an alternative credit. Sessions completed prior to the completion of registration are not counted.

SUMMER SCHOOL (2 3-week sessions): Spring Enrollment

\$100

60 hours of instruction/480 minutes minimum

Two 3-week sessions. Academics, Sports, and PE

A-F letter grades are issued

Description:

Registration for academic and sports courses opens after the beginning of the second semester. Location, dates, times, and course offerings are made available in early spring of each year. Students are required to attend 60 hours during a 3-week session and nearly perfect attendance is required to earn credit. Space is limited and classes with low enrollment are cancelled.

Registration information and forms are available at: www.washoe.k12.nv.us/suppcredit or from the counseling office after first semester. Summer school does not count as an alternative credit and can be used to raise a passing grade or replace an F.

SUPERVISED CURRICULUM PE (SCPE) (1/2 credit): Semester Enrollment

\$75

Semester Course Only. Application and Completion must occur within the dates of each semester and/or summer.

60 hours required, S/U grade

Description:

This alternative PE course is designed for those students participating in a sport at the pre-professional level at the national or regional level of competition. An agreement form signed by the student, parent, and coach must be completed. Hours and a progress report completed by the coach must be submitted to the Supplemental Credit Office monthly. A maximum of two PE credits may be earned through this course. SCPE may be used for an elective credit. It cannot be used to raise a passing grade in PE but it can be used to replace a failing grade in PE. SCPE does not count as an alternative credit. Hours earned prior to the completion of registration are not counted.

TRAVEL STUDY (1/4 credit): Open Enrollment

\$25

20 weeks allowed for completion

120 hours of **educational experience** required, S/U grade

Description:

This course is designed for the student who intends to meet specific educational goals during travel (not during a vacation) that is suited to learning culture, language, geography, history, etc. "Down" time such as traveling between home and the destination, jet lag, resting, etc. is not count toward the 120 hours required. A project (video, report, scrapbook, etc.) is required as the final for this course and is due by the end of the 20-week time frame. Credit in this course counts toward the maximum of four alternative credits allowed for graduation. Hours earned prior to the completion of registration are not counted.

WOLF Part-Time (1/2 credit): Open Enrollment

\$120

90 days allowed for completion

A-F letter grades

Description:

These on-line courses are available to WCSD students who wish to repeat a course, recover credit, or accrue more credit. Students must have their own computer with high speed access to the internet. Mid-term and final exams are proctored at the WOLF lab. Students have access to their course work 24/7 and have the ability to communicate with teachers M-F from 6 AM to 8 PM and technical assistance 24/7 via e-mail, chat rooms, fax, and a toll free phone number. The WOLF lab, located at 785 W. 6th St., Reno, is open some evenings. Current hours are posted on the Website: www.washoe.k12.nv.us/suppcredit WOLF. A WOLF course can raise a passing grade or replace a failing grade in a course of the same title. WOLF courses do not count toward the total of 4 alternative credits that can be used toward graduation. WOLF courses cannot count as part of the academic load.

WORK EXPERIENCE (1/2 credit): Open Enrollment

\$75

20 weeks allowed for completion

216 hours required, S/U grade

Description:

Credit for work experience is available for students who desire to earn elective credit by being employed and by experiencing hands-on training in the world of work. Students must

be 16 years or older and be receiving a paycheck (showing deduction) from their employer to qualify to enroll in this ½ credit elective class. In addition to the registration form, there is an agreement form that must be completed by the student, parent, and employer. Credit earned in the work experience program counts toward the total of four (4) alternative credits allowed for graduation. Hours earned prior to the completion of registration are not counted.

COLLEGE OPPORTUNITIES FOR HIGH SCHOOL STUDENTS

The following paragraphs will BRIEFLY describe some of the opportunities which are available to students in the Washoe County School District through which they can get a head start on college by earning placement in, waiver of, and/or credit for college courses while still in high school. Although these programs are generally approved and accepted by the admissions offices at the University of Nevada, Reno and Truckee Meadows Community College, it is important for students to check with their intended post-secondary institution and, if applicable, the NCAA, to determine if that school/program will accept the courses. If students have questions about any of these programs or wish to discuss their options, each student should contact his/her counselor, administrator, the WCSD Supplemental Credit Office, or the Admissions Office at UNR, TMCC, or other institution.

ADVANCED PLACEMENT

Advanced Placement (AP) is one of many programs sponsored by the College Board. AP classes are college-level courses offered TO high school students AT their high school BY their own high school teachers. In May of each year, students in those classes take a three-hour comprehensive exam that is written and scored by the College Board. High school and college instructors from around the nation score exams on a scale of 1-5. An exam score of 3 is generally considered “**qualifying**” and many colleges will give college credit for the course to students who earn 3, 4, or 5 on the exam. Some colleges only give credit for a 4 or 5 score; some waive a college requirement but do not award credit; some (including the military academies) allow AP students with high exam scores to be eligible to take the college’s own placement exams and thus earn credit or waivers. Some high school students begin college as sophomores as a result of passing several AP exams. Because each college (and often each department within a college or university) has its own AP policy, it is important for students to contact the admissions office at their post-secondary institution to determine what type of credit/waiver will be available. To quick-check a college’s AP policy, go to www.collegeboard.com/ap/creditpolicy.

WCSD course titles which include the notation “AP” or “Advanced Placement” are year-long courses and ALL requirements must be met before the “AP” designation is awarded. Students register for AP courses during regular high school pre-registration each spring. Exams are given on a predetermined schedule in May of each year at an approximate cost of \$85 per exam. Students do not have to be enrolled in an AP course in order to take an AP Exam, but students in WCSD who are enrolled in a course with “AP” in the title are **required to take the exam in that course**. Exam results are available to students and colleges in July.

FOR MORE INFORMATION: Contact your high school AP Coordinator.

CREDIT BY EXAM

Students who wish to challenge certain high school courses in world language, math, and computer literacy may take a CBE (Credit By Exam) through the Supplemental Credit Office of the Washoe County School District. The exam fee is \$50 for WCSD students. A passing score will earn the student high school credit.

There are often challenge exams or placement exams at the college level that will earn the student credit or enhanced placement at the college. The College Level Examination Program (CLEP) offers a type of credit by exam to potential college students who have been out of high school for a number of years and have some “life experience” which will allow them to test out of some beginning level college classes; there is a fee for CLEP tests. In addition, many colleges have their own school or department exams for this purpose. There is usually not a fee for the school exams.

FOR MORE INFORMATION: For information about CBE, contact your high school counselor regarding application, fees, and deadlines. Additional information may also be found on the Supplemental Credit Office website at www.washoe.k12.nv.us/suppcredit. For information about CLEP and college placement exams, contact the admissions office at your intended college.

COLLEGE ADMISSIONS TEST

As part of the admissions process students who plan to attend a college, university, or community college will take one or both of the college entrance exams (SAT Reasoning and/or ACT). High scores on one or more sections of these exams may allow the student to waive a beginning college course and earn initial placement in a higher level course. SAT Subject Test scores may also be used for admissions and/or enhanced placement.

FOR MORE INFORMATION: Register on the web for SAT Reasoning and SAT Subject tests at www.collegeboard.com and for ACT at www.act.org, or contact your counselor for registration materials and/or additional information.

CONCURRENT ENROLLMENT

In addition to college classes offered through Distance Education and Dual Credit (see below), qualified junior and senior high school students may register for other courses offered at UNR or TMCC, including certain correspondence and web-based courses. Students must complete an Application for Admission, will pay the usual costs for college courses, and will attend class on the college campus. Courses will appear on a college transcript, but not on the high school transcript. Students with at least two AP or IB courses may apply for the Early College Program (see below).

FOR MORE INFORMATION: Contact the Office for Prospective Students at UNR (784-4700), TMCC, or Sierra Nevada College. For information about correspondence or web-based programs, contact the Office of Independent Learning at UNR at 784-4652 or on the web at www.dce.unr.edu/istudy.

DISTANCE EDUCATION (ELECTRONIC DELIVERY)

Through the Distance Education Program certain college classes are available to junior and senior high school students via Cable TV (UNR and TMCC) or on the web (UNR and

TMCC). For Cable TV classes, a course may be offered at the same time to college students in a “live” setting on campus. Students should consult a Distance Education brochure or contact one of the offices listed below since the offerings are limited. Some Distance Education courses are offered for Dual Credit that may be applied to high school elective credit needed for high school graduation. Fees for courses will vary at the two institutions; fee reductions may be available to some students. Students interested in the Distance Education Program will need to complete appropriate registration forms.

FOR MORE INFORMATION: Contact the Office of Independent Learning at UNR (784-4652) for the web classes, the Office of Extended Studies at UNR (784-4046) for electronic distance education, or the Office of Distance Education at TMCC (673-7814) (www.tmcc.edu/e-learning).

DUAL CREDIT

UNR, TMCC and SNC offer campus-based college courses to high school students through which they may earn college credit and elective high school credit at the same time. These designated courses are taught TO college students AT the college BY college professors. High school students attend class on the college campus. In addition, UNR and TMCC offer some Dual Credit college courses to high school students through correspondence or through their web-based programs (see Distance Education above).

A one-semester Dual Credit course earns the successful student 3-4 college credits and .5 high school credit. Grades become part of the student’s GPA at both institutions. High school students pay regular college tuition and fees for most Dual Credit courses. Most Dual Credit classes have prerequisites including completion of certain courses, minimum high school 3.0 GPA, and one-time attendance at an orientation session. Courses offered at the high school are not available for Dual Credit. A dual credit course may be applied only for elective high school credit; however, although the college-level math course will be designated as an elective credit it will still count as the fourth year enrolled in math for Gateway purposes.

Students register for Dual Credit courses with their high school counselor. In order to receive credit at both the high school and college, students must complete a specific application for Dual Credit **IN ADVANCE** and submit it to the high school **as well as** completing and submitting a college Admission Application as a non-degree student. Students must submit both a high school and a college transcript when applying to a regular degree program at UNR or at any other college or university. Not all colleges accept courses taken through Dual Credit programs, so it is important to check with the admissions office at your intended college/university. Grades in Dual Credit courses become part of the high school GPA.

FOR MORE INFORMATION: Contact your high school counselor.

EARLY COLLEGE

The Early College Program is an organized way for qualified high school students to take regular UNR courses for university credit. Courses are taught AT the college BY college professors TO college students. High school students attend class on the UNR campus. Participants must be juniors or seniors at area high schools who will complete all graduation requirements on schedule. Parent/counselor/administrator approval is required. Students may take any UNR course for which they are qualified except courses which are offered for AP or

IB credit at the high school. Credit earned will become part of the student's university transcript, but is not recorded on the high school transcript unless the student also enrolls for Dual Credit. Early

College students will pay about 2/3 the cost of the university course, but must also be responsible for books, supplies, lab fees, and transportation to the campus. Part of the program involves mandatory advisement and regular contact with the Office for Prospective Students.

FOR MORE INFORMATION: Contact the Office for Prospective Students at UNR, 784-4700.

INTERNATIONAL BACCALUAREATE

What Is International Baccalaureate?

The International Baccalaureate Program is a comprehensive and rigorous curriculum designed to prepare students for a quality university education. The primary objective of the IB Program is to provide students with a balanced, integrated curriculum in all academic areas. IB students can earn college credit by taking examinations at the end of their junior or senior year. Students who excel in the program demonstrate a strong commitment to learning and develop the discipline necessary to succeed in college. The student who elects this course of study is responsible for the commitment made to its rigors and to personal accountability and self-sufficiency. Students who are selected will be provided with academic, social and leadership experiences that will prepare them to compete with any student from any program in the world. Students interested in this program should be highly motivated and willing to work beyond the minimum requirements of the Washoe County School District (WCSD).

How Does The IB Program Work?

The IB Program is a two-year program offered at Wooster High School to all high school students in their junior and senior years. Students who are accepted into the IB program will withdraw from their zoned high school and attend Wooster High School full time. Wooster offers two choices for IB students. The first is to commit to a four-year plan, which, if completed successfully, would result in the awarding of the IB diploma. The second manner is through IB certificates. This would not require a four-year commitment, but would allow students to take part in the IB classes of their choice. Potential IB diploma students should begin preparing in middle school by taking Algebra 1 and a foreign language. Students apply to enter an intensive Honors Program in the spring of the eighth grade year. Students then take Honors courses throughout their freshman and sophomore years. At the end of their sophomore year, students who are enrolled in Honors coursework will be eligible to apply for and enter the IB Program.

FOR MORE INFORMATION: Contact Dr. Daryl DiBitonto, IB Diploma Coordinator, at 321-5025.

TECH PREP

College Tech Prep is offered in Career & Technical Education courses in each high school, and at the Academy of Arts, Careers and Technology (AACT). Students earn community college credit at the same time they are earning high school credit. College Tech Prep courses are taught TO high school students AT their high school BY their own high school teacher. There is NO tuition cost! To earn community college credit, students must:

1. Be a high school junior or senior
2. Enroll in a Tech Prep Articulated course
3. Complete a College Tech Prep application
4. Earn a grade of B or better in the course

Students may earn a maximum of 21 credits through the TMCC Tech Prep Program.

FOR MORE INFORMATION: Talk with your high school counselor, visit the Career Center at your high school or look at the Career and Technical Education web site: www.washoe.k12.nv.us/cte/ and click on College Tech Prep.

TMCC HIGH SCHOOL

This high school, located on the Dandini campus of Truckee Meadows Community College, is open to juniors and seniors who currently attend any Washoe County high school, regardless of zoning. Students enrolled at TMCC High School should have already completed most of the requirements to graduate from high school due to the fact that only English, US History, Government, and math are taught at the high school level. Other classes taken by the student are graduation electives and are attained through college classes at TMCC. TMCC High School students may take as many as four TMCC college classes at no charge and apply those credits to electives needed for high school graduation. Students are responsible for expenses associated with college classes such as books, supplies, and transportation to the campus. As with other dual credit programs, not all colleges accept courses taken for dual credit so it is important to check with the admissions office at your intended college/university to see what their policy is.

Students who wish to enroll in TMCC High School must complete an application and be accepted to the program. Students who are accepted must withdraw from their zoned high school. Students must understand that TMCC High School does not have sports teams, cheerleaders, music programs, and many other activities available at the traditional high school.

FOR MORE INFORMATION: Talk with your high school counselor and then call TMCC High School at 674-7660.

GOVERNOR GUINN MILLENNIUM SCHOLARSHIP

In 1999, the Governor Guinn Millennium Scholarship initiative was enacted into law by the Nevada Legislature, creating the Millennium Scholarship trust fund to be administered by the State Treasurer. The Nevada System of Higher Education (NSHE) Board of Regents adopted policy guidelines for the administration of the scholarship.

TO QUALIFY

Students must meet five criteria:

1. Graduate with a diploma from a Nevada public or private high school;
2. Complete with a weighted or unweighted GPA of at least 3.25. The GPA is calculated using all high school credit granting courses and is not rounded;
3. Pass all sections of Nevada High School Proficiency Exam (HSPE);
Must be a Nevada resident for at least two years of high school (note: there are circumstances where a parent's residency qualifies a student who either graduates out of state or was not in Nevada for two years).
4. Must successfully complete the following curriculum in high school to be eligible for the Millennium Scholarship:

English - 4 Units

Math (including Algebra II) - 4 Units

Natural Science - 3 Units

Social Science and History - 3 Units

TOTAL 14 Units

Note that the courses required to qualify for the Millennium Scholarship exceed those necessary for university admission. Students seeking admission to UNR or UNLV must complete at least three years of math, while all students who qualify for the Millennium Scholarship must take an *additional* year of math -- four total.

CITIZENSHIP

Students must declare on the Acknowledgement of Award form that they are a citizen of the United States, or that they have lawful immigration status, or that they have filed an application to legalize their immigration status, or will do so as soon as they are eligible.

DOLLAR VALUE

The dollar value of the Millennium Scholarship is determined on a per-credit basis. Millennium Scholars at a NSHE community college will receive \$40 per enrolled lower division credit hour and \$60 per enrolled upper division credit hour. Millennium Scholars at a NSHE state college will receive \$60 per enrolled credit hour. Millennium Scholars at NSHE universities will receive \$80 per enrolled credit hour.

Millennium Scholarship funding is limited to a maximum of 12 credits per semester, counting all course work at all institutions. In no case may the total of all financial aid and scholarships exceed the cost of attendance at the institution. The Millennium Scholarship Program will NOT pay for remedial courses. NSHE defines this as any math or English course with a course number less than 100. Funds may be used for any costs related to college/university attendance; the maximum lifetime total award is \$10,000, which must be used at the undergraduate level and only during the six years immediately following high school

graduation, except for in the case of military service. If a student serves in the military they are granted the same number of additional years to use the scholarship.

ADDITIONAL INFORMATION

1. Millennium Scholarship eligibility is determined by the student's high school. Student names are submitted by the school registrar to the District three times per year: at the end of the first semester; after graduation in June; and after summer graduation in August. After the student's name is submitted by PPA&A to the State Treasurer's Office, the student can expect to receive an award packet with an acknowledgement of award form which must be returned to the State Treasurer's Millennium Scholarship Office either via U.S. Mail or online.
2. Potential Millennium Scholars are not listed on the school's graduation program.

For more information:

Please contact Jennifer Todd, Public Policy, Accountability and Assessment at 348-0204.

POST-SECONDARY OPTIONS

Although some people think "college" means a four-year university, the term has a much broader meaning. Many students choose to begin at a two-year community or junior college or at a trade or technical school. See your counselor for details about which option best suits your abilities, needs, and interests.

COLLEGE ENTRANCE REQUIREMENTS

College entrance requirements vary. For information as to whether or not a course you wish to take will be accepted at a college or other school, it is strongly suggested that you contact the post-secondary institution(s) that you might be considering. Entrance requirements for the University of Nevada System and Truckee Meadows Community College follow.

College bound students should choose courses which challenge them and which are designed to prepare them for the rigors of college study. Remember that some high school courses will meet a high school graduation requirement but MAY NOT be accepted as an academic credit by your post-secondary institution or by the NCAA. Some colleges accept weighted GPAs, some do not weight, and some have their own method of weighting grades. Your GPA in CORE COURSES (usually English, math, science, social studies, and world language), the strength of the curriculum you have chosen to take, college entrance examination scores (SAT and/or ACT), and extracurricular activities all contribute to your acceptance into college. Successful college students are usually those who have worked to their fullest potential during all of their high school years, developed good study habits, and been involved in their school and community.

NCAA ELIGIBILITY

If you think you might be interested in college sports, you should know that the NCAA (National Collegiate Athletic Association) has very strict requirements you must fulfill in high school in order to participate in Division I or Division II intercollegiate athletics. The NCAA Eligibility Center must determine your initial eligibility status. A brief summary of NCAA requirements follows, but since regulations may change from year to year, interested students should consult the most current NCAA Guide for the College-Bound Student-Athlete or the NCAA website.

1. Graduate from high school.
2. Earn a grade point average (GPA) of at least 2.0 in a core curriculum of 16 designated academic subjects (14 for Division II). Note that:
 - a. Correspondence, independent study, and supervised curriculum courses may be used to meet the core-course requirement only under certain conditions. **CBE will not count toward the core-course requirement.**
Note: It is the responsibility of the student and his/her family to assure any correspondence courses or independent study classes meet NCAA core requirements.
 - b. Courses at the proficiency level or in alternative education classes may not be used as core courses.
 - c. **Courses taken in the eighth grade may not be used to satisfy the core curriculum requirements, regardless of the course content or level.** All core course requirements must be completed prior to high school graduation.
3. Earn a combined score (CR+M) of at least 820 on the SAT or a sum of the four subject test scores of at least 68 on the ACT. These are minimum numbers and must be accompanied by a core course GPA of 2.5 or above. The lower the GPA (to a minimum of 2.0), the higher the SAT or ACT score must be. A 2.0 in the core courses requires at least a 1010 (CR+M) on the SAT or a sum score of at least 86 on the ACT.
4. Complete and return the NCAA Eligibility Center Form. This is usually done in your junior year. There is a fee to submit this form. The fee may be waived if you qualify for a fee waiver for the SAT or ACT.
5. Submit a separate transcript from EACH high school outside of WCSD that you have attended.
6. Know about recruiting rules. You may jeopardize your eligibility in a number of ways including number and type of contacts made with the college, accepting certain gifts, using drugs, accepting payment for using your athletic skill (for example in a TV commercial), etc.

For more details and guidance, talk with your counselor and your coach. To contact the NCAA write to P.O. Box 6222, Indianapolis, Indiana 46206-6222 or 317-917-6222. The Eligibility Center number is 877-262-1492 or go to the web address at www.eligibilitycenter.org.

TITLE IX

Title IX guarantees equal access to courses and programs for both male and female students. Title IX further states that an institution may not provide any course or otherwise carry out any of its educational programs or activities separately on the basis of sex, or require or refuse participation therein by any of its students on such a basis, including health, physical education, industrial, business, vocational, technical, home economics, music, and adult education courses.

APPENDIX A

CHANGING CLASSES AFTER PRE-REGISTRATION

Please note that courses selected during pre-registration must receive careful consideration. **The classes that you select now will be your schedule for next year.** Changes will only be made to your schedule after pre-registration if:

- The student has been placed into the wrong level of a subject.
- The student has already received credit in the course for which enrolled (i.e., completion of summer school or Credit-By-Exam)
- The student must drop an elective course in order to take a course required for graduation or in order to re-take a required course, which was not successfully completed.
- The student has an incomplete schedule or an over-filled schedule.
- A course is cancelled due to low pre-registration numbers or insufficient teacher allocation.

ALL COURSE CHANGES FOR FIRST SEMESTER MUST BE MADE NO LATER THAN THE END OF THE SECOND WEEK OF THE SEMESTER. ALL COURSE CHANGES FOR THE SECOND SEMESTER MUST BE MADE NO LATER THAN THE END OF THE FIRST SEMESTER.

GRADE APPEAL PROCEDURE

Whenever students or parents have a question or a concern regarding an assigned grade issued by a teacher, the student or parent should contact the teacher to schedule a meeting time with the teacher to discuss their questions or concerns and to understand the basis for the grade. Teachers will provide explanations and the basis for determining the assigned grade.

For final semester grades, students and parents have three weeks to question and appeal a passing or failing academic or citizenship grade by following the process described below:

Step 1: Student will meet with the teacher to discuss the correctness of or the reason for the assigned semester grade in question.

Step 2: If step one does not resolve the question or concern, a parent/student/teacher conference should be scheduled with the teacher to discuss the assigned grade and clarify and/or resolve the disputed grade.

Step 3: As a final step in resolving a disputed grade, the student and parent shall submit a grade appeal form (obtained in the school office) to the Assistant Principal for Curriculum and Student Achievement. The principal and the assistant principal shall review this appeal to determine whether the request to change a grade is approved or denied.

SENIOR CLASS RANK

Senior students will receive an official class ranking based on seven semesters of high school course work using the weighted cumulative whole point grade average, without calculating minus grades which have been earned during the student's high school course work. All honors courses and courses labeled "AP" (Advanced Placement) will be weighted for the purpose of computing cumulative GPA's and class rankings for seniors.

The Official Class ranking will be calculated following the conclusion of the fall semester of the senior year. This Official Class ranking will be used as the primary ranking for college admissions, scholarship applications, school and community awards and recognition needed or received prior to graduation.



GUIDELINES FOR SUCCESS IN HONORS AND ADVANCED PLACEMENT CLASSES

The honors program is meant to be an accelerated, academically rigorous program. The teachers at AACT believe, however, that the honors experience should be a well-supported and positive one. Students are encouraged to seek extra help as necessary from their teachers. **Most honor and advancement placement courses have a required summer reading assignment.**

The following are the guidelines for a successful year in honors/AP classes:

- Students must maintain a positive attitude and work ethic. Honors/AP classes require that student work is turned in complete and in a timely manner. No late work will be accepted. In order to succeed in the AACT honors program students must stay organized and be able to stay on task and be self-motivated.
- Students must maintain an overall grade of C- (70%) or better in the honors class. If a student falls below the minimum C- grade, the following steps will apply:
 - The teacher will generate a contract to notify the student and parent(s) of the dropping grade. The student will have three (3) weeks to bring the grade to C- by turning in all upcoming work and seeking extra help on assignments as necessary. The teacher will be happy to provide extra support and help during this period.
 - Weekly reports will be issued to the student to keep her/him apprised of the work turned in and the grade level.
 - If the grade is not returned to a C- (70%) level within the three-week period, the student will be transitioned into a regular level class. The transition plan will be devised with the success of the student in mind.
 - **A note about the transition plan:** AACT has designed the curriculum to provide all students with a stimulating, positive experience in the classroom. The purpose of transitioning a student from an honors class to a regular class is to afford the student academic success. Both teachers will support the student throughout the transition. Being transitioned into a regular class is not a punishment, but rather an opportunity to excel in the classroom—simply being selected for honors classes and making an effort in them is an accomplishment in itself.

SPECIAL PROGRAMS

AACT offers several special programs. Students may not enroll directly into any of these programs. Registration is contingent upon one or more of the following conditions: Recommendation of the counselor, approval of instructor, administrative placement, parental permission, and/or total-enrollment constraints.

PLATO

PLATO is a credit-recovery program that gives students an option within the comprehensive high school for retaking failed courses. PLATO is part of the Alternative Education Department at AACT and is a computer-based, online learning system that is self-paced and competency based. It combines interactive computer programs and teacher led activities to provide instruction in a variety of subjects. Students earn credit as pre-established competencies are reached. The time in which work is completed is determined by the effort put forth by the students and is not tied to the semester framework. If the student withdraws from the program before all objectives are attained, no credit will be received.

As with all Academic Support Services, students may not enroll directly into PLATO. Because of the limited space available, priority will be given to students needing to take failed courses required for graduation. Students may not opt to take PLATO classes in lieu of regular classes. Students should meet with their counselor regarding other options for credit recovery.

S.K.I.L.L. INTERNSHIP

This district-wide course is designed for students in grades 11-12. The School to work Internship for Learning a Living (S.K.I.L.L.) program is an opportunity for students 16 years of age or older to learn first-hand about a particular job or career field in which s/he has an interest. The program prepares a student to 1) enter the world of work, 2) obtain more training, and/or 3) pursue more education in the chosen job/career field. To earn .5 credit, student must complete 60 hours of internship contract and complete 30 hours of classroom instruction. To earn 1.0 credit, students must complete 140 hours of internship contact and complete 60 hours of classroom instruction.

Classroom instruction consists of career assessment, application and resume writing, class projects, worksheets, individualized instruction, job analysis, independent study, oral and written reports. The internship will be at various job sites in the community consisting of paid employment and non-paid job shadowing. Students must provide their own transportation to the classroom and job site.

Students may earn a total of two elective credits in the S.K.I.L.L. program. For more information, contact your counselor or the Occupational Education Program Coordinator at 861-4418, ext. 350.

WORK EXPERIENCE

This district-wide program allows students who are already employed to receive up to ½ of an elective credit per semester. Students must be at least 16 years of age and a junior or senior to enroll. Requirements for the course include: complete the application and contract, work a minimum of 216 hours for the semester, receive a passing evaluation from their employer, and turn in copies of their pay stubs or time cards on a regular basis. Students do not pre-register for this course. To register pick up a Supplemental Credit Registration Form from the Career Center. Mail the form and fee to the Supplemental Credit Office or registrar on-line. Please see your counselor or visit the Career Center for details.

GIFTED AND TALENTED EXTERNSHIP

This course is designed for juniors and seniors who have at least a 3.0 GPA, qualify for Honors courses, and/OR are certified Gifted and Talented. Students drive themselves to their externships where they spend a total of 86 hours (approx six hours per week) and earn a half credit exploring a career of their choice. Instructional techniques include an orientation, a written resume, a personal education plan, an interview, monthly logs and journals, monthly evening seminars, written goals and objectives, self-evaluations, on-site observations, an Evening of Reporting presentation, and a take-home final. Apply through the counseling department or phone the GT facilitator.

SOME THINGS YOU SHOULD KNOW

ATTENDANCE

The Nevada Revised Statute 392.122 is the basis for the WCSD Attendance Policy and Procedure 5113. NRS 392.122 states the Board of Trustees shall establish a minimum attendance requirement. The WCSD Board of Trustees has established a policy requiring **90% attendance for promotion to the next grade or earning credit**. The emphasis of the policy is on the importance of keeping students in school and providing access to the curriculum. Students may NOT have more than **four (4) absences** in a class per semester, which count against the 90% attendance policy. Further information regarding the WCSD attendance policy will be provided to students and parents near the beginning of the new school year.

CREDIT-BY-EXAM

Three to four times each year the Washoe County School District offers public school students an opportunity to challenge a variety of courses. Successful completion of a Credit-By-Exam (CBE) will waive a requirement and/or credit in that subject. Students who pass a CBE may not receive additional credit for that course. Students who have already earned credit for a course may not take a CBE in that same course. The CBE is administered on a pass/fail basis and will not be figured into a student's GPA. There is a fee for a CBE. Please note: The NCAA does not recognize credit earned through CBE.

FIFTH YEAR STUDENTS

Students, who have not earned sufficient credits for graduation in their fourth year, may apply to the Principal to become a "fifth-year student" at AACT providing that the student has not reached his nineteenth birthday during or prior to his fifth year of enrollment and has six or fewer credits remaining to be earned toward graduation. Applications must be submitted prior to June 30th to be consideration by the Principal.

A student who will not have enough credits required to graduate with his/her class may still earn a AACT diploma by contracting with the Principal to complete the requirements/credits by the end of the summer following graduation or by enrolling the following year as a fifth-year student.

HOMEBOUND OR STUDENT OUT DUE TO ILLNESS

If a student will be out of school for an extended amount of time (30 days or more), the school district's Home and Hospital program may arrange for a tutor to help eligible students work at home on a limited basis. There are several specific conditions that apply to students involved with this program including a limited number of courses that can be proctored by the Home/Hospital teacher. Contact a Counselor for more information. Students who are out of school for a week or more due to illness may call the counseling office to request homework. Please allow teachers at least 24 hours to prepare assignments.

INCOMPLETES

Students receiving an incomplete (INC) at the end of a semester must make up that grade within three weeks of issuance of the report card or the incomplete (INC) becomes an "F" grade and no credit is awarded (See "GRADES" for more information).

INTERSHIPS REQUIREMENTS

Many of our career tech courses will involve job shadowing and internships. Due to requirements of safety, specific field regulations and workplace expectations and performance, the employers have the right to do random or mandatory drug testing as a part of requirements for shadowing and internship participation. If a student fails a drug test and is not able to complete the required job shadowing or internship, their grade could be affected, or they could be dropped from the class.

Washoe County School District/Academy of Arts Careers and Technology does not oversee or initiate any job or internship specific drug testing, and it the responsibility of the parent and student to be familiar with each employers policy and procedures.

TEXTBOOKS

Textbooks are issued to students in most courses. By law, students are responsible for the care and/or replacement cost of all textbooks, even if they are lost or stolen.





COURSE OFFERINGS

2011-2012

BIOTECHNOLOGY / VETERINARY MEDICINE

Course Name	Course #	F = Fall S = Spring Y = Year	GRADE LEVEL COURSE CAN BE TAKEN				Meets Graduation ReQ.	Honors Class	Qualifies for Arts/ Humanities/CTE	Instructor Approval
			9 th	10 th	11 th	12 th				
Agriculture 1-2	9711 9712	Y	X	X	X	X		X		
Biotechnology/ Plant Science	9751 9752	Y		X	X	X		X		
Vet Med Assistant	9807 9808	Y				X		X		

9711 Agriculture Science 1-2 (Year) **9712**

Credit: ½ credit per semester
Pre-Requisite: none

Lab Fee: \$15 FFA dues

This class provides students with a general overview of the major career areas in Agriculture and Biotechnology. It includes plant bio-systems, animal bio-systems, agriculture commerce, agribusiness, and environmental/natural science. Students are involved in classroom and laboratory activities in each of the five career areas. Applications of these studies are used to reinforce skills needed in today's modern agriculture industry.

9751 Biotechnology/Plant Science (Year) **9752**

Credit: 1 credit per semester
Pre-Requisite: Biology grade of "C" or better

Lab Fee: \$15 FFA dues

This class is designed to introduce the student to Bioscience, Plant Science and how they function in the environment around them. The students will engage in learning plant functions, soils and growth requirements. The students will be learning the technology of Biofuels dealing with algae and other organic plant materials. The landscape technology portion of the course will introduce each student to all aspects of landscaping from design to installation. Students may work towards their **Nevada Landscape Technician Certification**. Students will apply course work to hands-on activities using AACT's greenhouse and University of Nevada, Reno's greenhouse facilities.

Workers in plant science apply scientific methods to produce and market plants, shrubs, and trees for ornamental, recreational, and aesthetic purposes. They establish, maintain, and manage horticultural enterprises such as greenhouses, nurseries, and turf and landscaping businesses, as well as manage and cultivate ornamental trees and flowering plants. In the field of Biotechnology, students will have unlimited job opportunities world wide in this new and exciting field.

AACT has partnered with the University of Nevada, Cooperative Extension to offer the **Nursery Worker Certificate** to students who successfully complete this course and complete the competencies.

Students will need to provide their own transportation to the AACT greenhouse and UNR's facility.

*FFA curriculum is an integral part of this course, and therefore students are required to be a member. Once enrolled, students will be a part of the largest youth organization in the world.

* Students may earn up to 6 college credits (pending)

9807 Veterinary Medical Assistant (Year) **9808**

Credit: 1 credit per semester

Lab Fee: \$20.00 plus
\$15.00 FFA dues

Pre-Requisite: Successful completion of Biotechnology/Plant Science

The **Introduction to Veterinarian Medical Program** is designed to challenge those students who are considering the field of veterinary medicine as a career option. Through hands on instruction, the students will be able to learn new and interesting concepts dealing with animals. The program utilizes the University of Nevada facilities and most labs are conducted on large animals (livestock). The goal of the class is to give the students a strong foundation of knowledge that will prepare them for the university level and then their careers. The topics that will be covered in detail by this class are the following:

Animal Physiology: External; Internal – Digestive Processes, Respiration, Endocrine System

Animal Health: Diseases – Causes, Prevention, Infectious, Noninfectious; Animal Health Practices – Medicines, Vaccinations

Livestock Pests: Internal Parasites; External Parasites

Nutrition and Feeds: Feed Identification; Feed Additives; Rations; Nutrition Requirements; Nutritional Diseases; Feeding Regimes

Livestock Breeding and Genetics: Reproduction; Selection and Habitability; Environment and Care of Reproducing Animals

Laboratory: AACT Vet Lab; student will be involved in lab techniques and lab experiments.

Partnerships: UNR Agriculture College Farm Department, Nevada Humane Society

*The Future Farmers of America (FFA) curriculum is an integral part of this course. Once enrolled, students will be a part of the largest youth organization in the world.

*Students may earn 6 or more college credit for this class. (pending)



BUSINESS AND FINANCE ACADEMY

Course Name	Course #	F = Fall S = Spring Y = Year	GRADE LEVEL COURSE CAN BE TAKEN				Meets Graduation ReQ.	Honors Class	Qualifies for Arts/ Humanities/CTE	Instructor Approval
			9 th	10 th	11 th	12 th				
Computer Literacy	9143	F/S	X	X	X	X	X			
Financial Literacy	9201	F/S	X	X	X	X	X			
Business Admin & Manag	9211 9212	Y		X	X	X	X	X		
The Company	9121 9122	Y		X	X	X	X	X		
Financial/ Business Management	9205 9206	Y			X	X	X	X		
Small Business Management	9209 9210	Y				X	X	X		

9143 Computer Literacy (Semester)

Credit: ½ credit

Pre-Requisite: None

Lab Fee: \$5.00

This class prepares individuals to perform basic data and text entry using standard and customized software products. Includes instruction in keyboarding skills, personal computer and work station operation, reading draft texts and raw data forms, and various interactive software programs used for tasks such as word processing, spreadsheets, databases and others. This course is mandatory for graduation.

TECH PREP – possible 3 credits

STANDARDS

Nevada Information Literacy Standards
 Information Literacy Content Standards for K-12 grades.
 Adopted 11-1-02 (October 20, 2003 Edition)



9201 Financial Literacy (Semester)

Credit: ½ credit

Pre-Requisite: None

Lab Fee: NONE

Students will learn to project their own financial life expectancies in areas such as employment, housing, transportation, education, marriage, family and retirement. They will learn how to apply personal finance concepts into their everyday lives, thus providing them with knowledge and skills that will last a lifetime. Mandatory class for all Freshman at AACT.

9211 Business Administration and Management (Year)

9212

Credit: ½ credit per semester

Pre-Requisite: Computer Literacy & Financial Literacy

Lab Fee: \$5.00

This is an introductory course covering basic economic, entrepreneurship, and marketing principles. Characteristics of successful entrepreneurs will be discussed. Students will learn the risks and rewards of owning a small business. Students will understand how to read and interpret financial statements. Legal requirements and types of business organizations will be explored. Marketing strategies including product, place, price and promotion will be covered. Students will understand the importance of buyer behavior and conducting market research. Knowledge will be applied through the use of simulated business environments.

Students will be trained as employees in the United Federal Credit Union on our campus. Students are encouraged to become members of and participate in FBLA.

TECH-PREP

Possible 3 credits (pending)



9205 Financial / Business Management (Year)

9206

Credit: ½ credit per semester

Pre-Requisite: Business Administration and Management

Lab Fee: \$15 FBLA dues

This course covers 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 may enter their plan in the FBLA competition. 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. Students are encouraged to become members of and participate in FBLA.

Student may be asked to pass a drug test administered by the credit union to work in their facility. If a student fails the drug test and is not able to complete the required job shadowing or internship, their grade could be affected, or they could be dropped from the class.

TECH PREP

Possible 6 credits (pending)

9121 The Company 1-2 (Year)

9122

Credit: ½ credit per semester

Pre-Requisite: Computer Literacy

Lab Fee: \$5 lab + \$15 FBLA dues

Earn credit while helping the school and learning skills that will help after graduation!

The Company is a competency-based program taught in a simulated office environment that generally prepares “student-employees” to plan, organize, direct, and control the functions and processes of an organization.

Instruction is offered in self-paced modules and projects where students choose their own areas of specialization. For example, students may study and pass units involving accounting, marketing, business management, entrepreneurship, human resources management, business communications, purchasing and logistics, organization and production, and business decision-making. Students must complete required core class projects and modules in their area of specialization as they will have the opportunity to earn certificates of competency for work completed.

In addition, all members of The Company will be involved in the operation of the copy center, student store, and employment in our on-campus financial institution. This course is designed for motivated students who are looking for the opportunity to make choices, be responsible, utilize high-end technology and do rewarding work. Business dress will be required one day every other week (Young women: dresses, slacks with jacket or vest, a skirt and blouse, or a shorts set with jacket and appropriate shoes. Young men: slacks and a collared shirt and tie, vest, or sweater and loafers or dress shoes). Jeans, shorts (gentlemen), or tennis shoes are not acceptable.

Students have the option of taking this class for up to four semesters (TC 1-2 & TC 3-4). Students who fail one semester of this class may **not** re-enroll for further credit. This course offers articulation with Truckee Meadows Community college, meaning students may earn up to three college credits. The curriculum of this course is aligned with the State of Nevada Business Education standards. Students enrolled in The Company are encouraged to be members of and participate in SkillsUSA or FBLA

Tech Prep: Students may earn 3 college credits (pending)

CULINARY & HOSPITALITY ACADEMY

Course Name	Course #	F = Fall S = Spring Y = Year	GRADE LEVEL COURSE CAN BE TAKEN				Meets Graduation ReQ.	Honors Class	Qualifies for Arts/ Humanities/CTE	Instructor Approval
			9 th	10 th	11 th	12 th				
Intro Culinary	9630	F	X	X	X	X	X			
Nutrition	9602	S	X	X	X	X	X			
Culinary 1-2	9621 9622	Y		X	X	X	X	X		
Adv Culinary 3-4	9631 9632	Y			X	X	X	X	X	
Adv Culinary 5-6	9633 9634	Y			X	X	X	X	X	
Commercial Baking 1-2	9641 9642	Y			X	X	X	X		
Commercial Baking 3-4	9643 9644	Y				X	X	X	X	
Hotel Management 1-2	9913 9914	Y		X	X	X	X	X		
Hotel Management 3-4						X	X	X	X	

9630 Introduction to Culinary Arts (semester)

Credit: ½ credit

Fee: \$10.00 plus apron & chef hat

Pre-Requisite: None

This course is designed to help students gain a better understanding of hospitality industry, including food preparation as well as lodging management. Students will begin to develop practical skills in efficient food preparation and presentation as well as basic baking skills. The class will focus on knife skills, basic cooking techniques and using cooking terms on a regular basis. Students will also be introduced to business development in the lodging industry including an introduction to restaurant or hotel design. Sanitation standards for the industry will be followed (Ex: closed toed shoes, no jewelry ...)

ENDORSEMENT SEQUENCE

Culinary Arts 1-2

Advanced Culinary Arts 3-4 and 5-6

Commercial Baking 1-2 and 3-4

STANDARDS

Family and Consumer Sciences Standards Grades 9-12

Adopted 12/01/2001



9621 Culinary Arts 1-2 (Year)

9622

Materials Needed	3-ring notebook, set of knives, uniforms, miscellaneous cooking utensils (approx. \$150.00)
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Credit: ½ credit per semester

Fee: \$30.00

Pre-Requisite: Intro to Culinary Arts or approval from chef

This class is intended to familiarize students with restaurant operations. Students will receive instruction, as well as cooking techniques, knife handling, and various knife cuts. Menu production and food costing, labor costs, banquet operations, formal dining, buffet service, etiquette, presentation of food, and principles and operations of a food establishment. Students will also complete the National Restaurant Association Serve Safe Course with an optional certification.

Students will assist in the operations of a weekly restaurant as well as special events and banquets.

ENDORSEMENT SEQUENCE

Advanced Culinary Arts 3-4 and 5-6

Commercial Baking 1-2 and 3-4

STANDARDS

Family and Consumer Sciences Standards Grades 9-12

Adopted 12/01/2001

9631 Advanced Culinary Arts 3-4 (year)

9632

Credit: 1 credit per semester

Fee: \$50.00

Pre-Requisite: Culinary Arts 1-2 and Serve Safe Certification

Materials Needed	3-ring notebook, set of knives, 2 sets of uniforms, miscellaneous cooking utensils (approx. \$150.00)
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The **Advanced Culinary Arts Program** is offered to second year students providing a continuation in practical commercial food production for students who wish to pursue a career in the commercial food industry. By operating a restaurant in the school, students will be introduced to equipment, methods, techniques, and terminology common to quantity food establishments.

Students will receive advanced instruction in salad preparation, sandwich, soup, sauces, basic baking, meat production, finger food and the duties of a sous chef. While experiencing management in the hospitality field, students may obtain certification in Culinary Arts, Prostart, and Service. Instructional units will also include sanitation practices, budget control, menu development, food cost analysis, formal dinner house serving, etiquette, presentation of food, and principles and operations of a food establishment.

Addition hours may be required outside of classroom/school time for special events.

Tech Prep

Students successfully completing this course may earn 11 tech prep credits. Additionally, over 1,000 universities & colleges may grant credit and/or provide scholarships.

9633 Advanced Culinary Arts 5-6 (year)
9634

Credit: 1 credit per semester

Fee: \$50.00

Pre-Requisite: Adv Culinary Arts 3-4

Materials Needed	3-ring notebook, set of knives, 2 sets of uniforms, miscellaneous cooking utensils (approx. \$150.00)
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This is the senior year (or second year) of Advanced Culinary Arts. Students will be expected to take on leadership roles within the restaurant and culinary setting. As well as managing other students, ordering, receiving and banquet management.

Addition hours may be required outside of classroom/school time for special events.

9641 Commercial Baking 1-2 (year)
9642

Credit: ½ credit per semester

Fee: \$30.00

Pre-Requisite: Intro to Culinary Arts



Materials Needed	3-ring notebook, set of knives, uniforms, miscellaneous cooking utensils (approx. \$150.00)
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This is an introductory class, intended to familiarize students with bakery production. Students will receive instruction in sanitation, bakery ingredient properties, function and use of equipment, understanding basic baking procedures, recipe conversion, costing, proper storage, methods, techniques and terminology common to bakeries. Instructional units will include pies, cookies, yeast bread, quick bread, pastries, cakes, basic decorating techniques, and health conscious baking.

This class will concentrate on the basics of manual methods of production, as well as introduce mechanical methods of commercial production. Students will assist in the operation on a Bake Shop with Coffee service.

Addition hours may be required outside of classroom/school time for special events.

9643 Commercial Baking 3-4 (year)
9644

Credit: 1 credit per semester

Fee: \$50.00

Pre-Requisite: Commercial Baking 1-2

Materials Needed	3-ring notebook, set of knives, 2 sets of uniforms, miscellaneous cooking utensils (approx. \$150.00)
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The **Commercial Baking Program** provides students to 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.

Students will receive instruction in sanitation, baking ingredient properties, function and use of equipment, understanding basic bakery procedures, recipe conversion, costing, and proper storage. Students may obtain certification in Serve Safe sanitation, CPR, and Service. Instructional units will include; pies, cookies, quick breads, yeast products, pastries, cakes and basic decorating techniques. Along with sanitation practices, budget control, food cost analysis, bakery service, presentation of food, and principles and procedures of operating a bakery.

Addition hours may be required outside of classroom/school time for special events.

9913 Hotel & Hospitality Management 1-2

9914

Credit: 1/2 credit per semester **Fee:** \$30.00

Pre-Requisite: Successful completion of Computer Literacy

The **START** (Skills, Tasks, and Results Training) program is curriculum intended to provide students an overview of the lodging industry, followed by a in-depth look at the most common line-level positions at most hotels. Upon completion of this program, the student is ready to perform the acquired skills on the job. This course includes an internationally recognized line-level certification of the student's choice, once the work requirement has been met.

This course is for students wanting to learn the hotel & restaurant business from the bottom up. The program uses the business model of hospitality hotel & restaurants to compete in (CTSO) Career & technical Student Organization contests. Many of the aspects of entrepreneurship can be seen in this class. We have partnered with the Nevada Hospitality Foundation (NHF) to provide an exciting opportunity for students to learn important business and marketing skills, while exploring careers in this industry.

---- Hotel & Hospitality Management 3-4

Credit: 1/2 credit per semester **Fee:** \$30.00

Pre-Requisite: Computer Literacy & 9913 Hotel & Hospitality Management 1-2

The **Lodging Management Program** (LMP) is an advanced, high school curriculum that immerses the student into the world of hospitality. This program will introduce students to the lodging industry and teach them the management principles that will enable them to achieve success in a hospitality leadership role. Completing this program will open many doors of opportunity and set the students on an exciting career path. The program includes a internationally recognized certification, created especially for the LMP curriculum.

This course is for students wanting to learn to design, operate, and own a business. The program uses the business model of hospitality and hotels, as many of the aspects of entrepreneurship can be seen in this area. We have partnered with the Nevada Hospitality Foundation (NHF) to provide an exciting opportunity for students to learn important business and marketing skills, while exploring careers in this industry.

COMMUNICATION ARTS AND MEDIA ACADEMY

Course Name	Course #	Y= year	GRADE LEVEL COURSE CAN BE TAKEN				Meets Graduation ReQ.	Honor s Class	Qualifies for Arts/ Humanities/CTE	Instructor Approval
			9 th	10 th	11 th	12 th				
Foundations Of Art	9105 9106	Y	X	X	X	X	X	X		
Intro to Digital Media		S	X	X	X	X	X	X		
Digital Computer Art	9173 9174	Y		X	X	X	X	X		
Digital Photo Videography	9481 9482	Y		X	X	X	X	X		
Digital Media Journalism 1-2	9501 9502	Y			X	X	X	X		
Digital Media Journalism 3-4	9503 9504	Y			X	X	X	X	X	
Graphic Art 1-2	9471 9472	Y			X	X	X	X		
Graphic Arts 3-4		Y			X	X	X	X	X	
3D/Comp Graphic/ Digital Media 1-2	9511 9512	Y			X	X	X	X		
3D/Comp Graphic/ Digital Media 3-4	9513 9514	Y				X	X	X	X	

9105 Foundations of Art (Year) **9106**

Credit: ½ credit per semester

Fee: \$15

Pre-Requisite: None

This course explores the use and meaning of symbols, typography and color as visual language. It emphasizes the principles of design and the elements of art to solve design problems and as a vehicle for creative expression. Students will explore color theory and color psychology, composition and form, symbolism and typography through both technical and cultural perspectives from prehistoric to modern times. This class includes both lecture and “hands on” studio components. **This class is required for all upper level communication art classes.**

TECH PREP

Student may earn 3 college credits (pending)



----- **Introduction to Digital Media** (Semester)

Credit: ½ credit

Fee: \$10

Pre-Requisite: None (Course required for all Comm Art students)

A one semester Communication Arts Academy required class, Intro to Digital Media is a survey class that introduces students to electronic media production. The class covers Digital Photography and Imaging, Videography and Film-Making, Web Design, Journalism, Desktop Publishing, and other Electronic Media. Regardless of the academy you are in, Intro to Digital Media will provide you with the means to keep pace with the communications technologies that have become an ingrained part of our everyday lives, and expose students to basic concepts and tools of the digital media. The class will feature several Industry-Standard applications including photo-manipulation software such as Photoshop, video editing programs such as Final Cut Pro, web design applications, Microsoft Publisher and Adobe In-Design.

9481 Digital Photo Videography (Year)

9482

Credit: ½ credit per semester

Fee: \$12.00 + \$13 SkillsUSA dues

Pre-Requisite: Foundations of Art & Intro to Digital Media or equivalent or instructor approval

A Full Year Class covering Intermediate and Advanced Digital Photography and Videography, Digital Arts includes an in-depth study of digital still photography and digital video as art. Students will receive intensive instruction on the use of the DSLR and Video Cameras, Studio production, and computer software such as Photoshop, After-Effects, and Final Cut Pro. Students will explore digital photography and photo-journalism, as well as how still images and computer generated graphics are incorporated into video-based media.

TECH PREP Student may earn 3 college credits (pending)

9173 Digital / Computer Design (Year)

9174

Credit: ½ credit per semester

Fee: \$12.00 + \$13 SkillsUSA dues

Pre-Requisite: Successful completion of Foundation Arts & Intro to Digital Media or instructor approval

This course is a one year, lecture-lab elective designed to provide a well-rounded and challenging academic experience for students interested in any art, graphic design, animation, videography, photography, and/or cinematography fields. Throughout the year students will participate in and explore the use of the personal computer to create, manipulate, and express ideas in a variety of digital formats including print, video, and multimedia. It is a software intensive “computer lab” course intended to provide exposure and basic proficiency of the Adobe CS3 programs used in the graphics and entertainment industries. Basic terminology and concepts associated with art, graphic design, animation, videography, photography, and cinematography will be discussed and explored throughout. Specifically, students will be exposed to the following units of study: 1) detailed design basics, 2) exploration and skill development of Adobe CS5 software program; specifically Photoshop, Illustrator, InDesign, Flash, Dreamweaver, and PremierePro 3) communication arts and media career exploration, 4) designing and implementing an online web portfolio.

Tech Prep: Students may earn 6 college credits (pending)

9501 Digital Media / Journalism 1-2 (Year)

9502



Credit: 1 credit per semester

Fee: \$12.00 + \$13 SkillsUSA dues

Pre-Requisite: Digital Photography/Videography

This Full Year “Occupational” level class, designed for the Communication Arts student interested in pursuing the fields of videography, television production, broadcasting, and film-making, focuses primarily on Broadcasting with an emphasis on multi-platform Journalism. With new technologies and challenges facing today’s information outlets, Journalism is entering into a new and exciting phase that incorporates media across the spectrum, from print, to video, to sound. As such, AACT provides the student with experience in these areas and prepares them for careers in tomorrow’s Media industry.

DMJ 1-2 students will be directly responsible for AACT’s Media Organization, *Trailblazer News*, and participate in Broadcasting and Photography Skills USA competitions.

TECH PREP

Students may earn up to 3 college credits (pending)

9503 Digital Media / Journalism 3-4 (Year)

9504

Credit: 1 credit per semester

Fee: \$20.00 + \$13 SkillsUSA dues

Pre-requisites: DMJ 1-2 AND Digital Photography and Videography or equivalent AND instructor approval

A Full Year “Terminal” (capstone) class, DMJ 3-4 focuses primarily on Film-Making with continued development, study, and practice in multi-platform Journalism. Designed for the Advanced Communication Arts student, DMJ 3-4 continues study and application of material from DMJ 1-2 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.

DMJ 3-4 students will fill leadership positions in AACT’s Media Organization, *Trailblazer News*, participate in Broadcasting and Photography Skills USA competitions, various student Film-Festivals, and will be provided opportunities for professional internships at local production facilities. Seniors in DMJ 3-4 will also be required to complete a senior, community-based, project utilizing their electronic media skills.

TECH PREP

Students may earn up to 3 college credits (pending)

9471 Graphic Arts 1-2 (Year)

9472

Credit: 1.5 credit per semester

Fee: \$27.00 tool kit students will keep
+ \$13.00 SkillsUSA dues

Pre-Requisite: Successful completion of Foundation Art, Introduction or Digital Media, and instructor approval

The Graphic Arts Program is designed to introduce students to all aspects of the graphics industry. Students will learn to operate offset printing presses, silkscreen equipment, plate-making equipment, and various bindery machines and computers with high tech image setters for desktop publishing. They will perform layout and design functions and be expected to reproduce multi-color projects from the design stages through printing and various finishing operations. Projects include memo pads, T-Shirts, stickers, and various halftone and four-color process reproductions. Students will also have the opportunity to learn and operate computerized embroidery machines. They will have an opportunity to embroider their own designs on garments such as hats, jackets, and sweaters.

Students will be required to join our Skills USA Chapter. Through Skills USA, students will be able to enter state and national competitions in Graphic Design, Printing, and various Leadership Events. This will give students the opportunity to see how they match up with other students from around the state and country, and possibly earn very valuable scholarships or employment opportunities.

Field trips will be taken to local printing plants, screen-printing facilities, and graphic design firms. Students will use performance based instructional materials. Accepted working and safety procedures will be established early and taught throughout the course.

This course is held on Foster Drive at Reno High School and students will need to provide their own transportations.

TECH PREP

Students may earn 6 college credits.

9511 3D/Computer Graphics/Digital Media 1-2 (Year)

9512

Credit: 1/2 credit per semester

Fee: \$12 lab fee + \$13 SkillsUSA dues

Pre-Requisite: Foundation Art, successful completion of an entry-level computer design course and advanced (college) reading level.

This course is a one year, lecture-lab elective designed to provide a well-rounded and challenging academic experience for students interested in any art, graphic design, animation, videography, photography, and/or cinematography fields. Beginning 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.

It is a software intensive “computer lab” course intended to provide exposure and basic proficiency of web design, web animation, digital video/photography, and beginning 3D modeling and animation. The student will develop and produce content and composition through projects and tutorials, while using sophisticated computer software applications to gain an understanding of digital media in the artistic, graphic, and technical design fields. Basic terminology and concepts associated with art, graphic design, animation, videography, photography, and cinematography will be discussed and explored throughout.

Tech Prep: Students may earn up to 3 college credits (pending)

9513 3D/Computer Graphics/Digital Media 3-4 (Year)
9514

Credit: 1 credit per semester

Fee: \$12 lab fee + \$13 SkillsUSA dues

Pre-Requisite: College level reading, successful completion of an entry level computer design course or Beginning 3D Computer Graphics & Digital Media, and/or instructor approval.

This course is a one year, lecture-lab elective designed to provide a well-rounded and challenging academic experience for students interested in any art, graphic design, animation, videography, photography, and/or cinematography fields. Advanced 3D Computer Graphics & Digital Media is advanced course where students gain additional understanding of 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.

It is a software intensive “computer lab” course intended to provide exposure and basic proficiency of web design, web animation, digital video/photography, and beginning 3D modeling and animation. The student will continue to develop and produce content and composition through intermediate and pre-professional projects and tutorials, while using sophisticated computer software applications to gain an understanding of digital media in the artistic, graphic, and technical design fields. Advanced terminology and concepts associated with art, graphic design, animation, videography, photography, and cinematography will be utilized and applied throughout. Complex lecture, highly developed tutorials, and individual instruction will occur, as well as learning through independent and team projects.

For Advanced 3D Computer Graphics & Digital Media students, potential opportunities include; possible job shadowing, job internships, and business experiences outside the classroom setting.

Note: At various times throughout the school year, students will be required to provide their own transportation to alternate sites.

Tech Prep: Students may earn up to 3 college credits

EARLY CHILDHOOD & ELEMENTARY EDUCATION ACADEMY

Course Name	Course #	F = Fall S = Spring Y = Year	GRADE LEVEL COURSE CAN BE TAKEN				Meets Graduation ReQ.	Honors Class	Qualifies for Arts/ Humanities/CTE	Instructor Approval
			9 th	10 th	11 th	12 th				
Family & Consumer Resources	9261	F	X	X	X	X				
Nutrition	9602	S	X	X	X	X				
Child/Human Development 1-2	9251 9252	Y		X	X	X	X	X		
Early Childhood Education	9255 9256	Y			X	X	X	X	X	

9261 Family and Consumer Resources (semester)

Credit: ½ credit

Fee: none

This class is designed to help you meet the challenges of daily life with confidence. It will provide you with the basic information you need to balance family life and work in today's world. It will help you develop a range of skills related to interpersonal and family relationships, getting and keeping a job, management, healthy living, foods and nutrition, clothing and housing.



9602 Nutrition (semester)

Credit: ½ credit per semester

Fee: none

This is an introduction to nutrition, with the use of menu writing including emphasis on nutrients and their effect on maintaining good health, the importance of proper food selection, and the effect of foods on the human body. Student will learn food selection, cooking for the preservation of maximum nutrients, and the importance of a balanced diet. Topics will include proper food choices for various lifestyles, cultural food choices, and special dietary requirement for different medical conditions.

This class is required for all students wanting to enter the Early Childhood Education or Culinary and Hospitality Academy.

9251 Child/Human Development 1-2 (Full Year)

9252

Credit: ½ credit per semester

Fee:

Child Development: A program that focuses on the intellectual, social, emotional, and biological development of children and the planning and design of related human services. Class includes instruction in parent-child relations; parenting practices; special needs of children; parental and environmental influences on child development; external support services; and related public policy issues.

The areas of instruction include the study of children; selecting a mate; decisions before parenthood; reproductive systems and conception; environmental influences and heredity; pregnancy and prenatal care; prenatal health hazards; childbirth; and the newborn. Students will apply decision-making and critical thinking skills to their own lives in order to develop positive life-style habits, be healthier adolescents and adults, and contribute to the overall well being of society. Students will be observing as well as participating in a preschool that will run from the child development lab at AACT. **Note: All students will be allowed to receive the one-half health credit required for high school graduation by successful completion of Child Development 1-2.**

STANDARDS

Family and Consumer Sciences Standards

Grades 9-12

Adopted 12/01/2001

9255 Early Childhood Education (Full Year)

9256

Credit: 1 credit per semester

Fee: \$15.00

Pre-Requisite: Child/Human Development 1-2 or CPR, First Aid, Communicable Disease & Child Abuse Neglect certified.

The **Early Childhood and Elementary Education** 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. These skills are needed to work in the childcare and preschool industries.

The following concepts and experiences will be stressed in the course: designing creative developmental activities for preschool children, acquiring the interpersonal skills needed in working with preschool children and peers, and developing responsible attitudes toward work and toward the management of preschool facilities. The growth and development of the elementary age child may also be studied. Tasks will be performance based and will be designed to test or demonstrate students’ skills in various areas of competency.

Tech Prep: Possible 9 college credits

ENGINEERING AND MANUFACTURING ACADEMY

Course Name	Course #	F = Fall S = Spring Y = Year	GRADE LEVEL COURSE CAN BE TAKEN				Meets Graduation ReQ.	Honors Class	Qualifies for Arts/ Humanities/CTE	Instructor Approval
			9 th	10 th	11 th	12 th				
Mechanical Principles & Design	9400	F / S	X	X	X	X	X			
Intro to CADD	9450	F/S	X	X	X	X	X			
CADD 1-2	9451 9452	Y		X	X	X	X	X		
CADD 3-4	9453 9454	Y			X	X	X	X	X	
CADD 5-6	9455 9456	Y				X	X	X	X	
Machine Tool	9403 9404	Y		X	X	X	X	X		
Intro to Metalworking	9340	F/S	X	X	X	X	X	X		
Metalworking 1-2	9341 9342	Y		X	X	X	X	X		
Welding Tech 1-2	9411 9412	Y			X	X	X	X	X	
Welding Tech 3-4	9413 9414	Y				X	X	X	X	

9400 Mechanical Principles & Design “Build A Bike” (Semester)

Credit: ½ credit

Fee: none

Pre-Requisite: None

This class will introduce you to the mechanics, service and repair of the bicycle. It will also examine the place of the bicycle in industry and society. Students will rebuild a used bicycle for this class that will find its way back into service through the Reno Bike Project, or you may purchase the bike at the end of the class for a small fee or donated work time for RBP. This class will serve as an introduction to mechanical principals, mechanical design and the properties of different materials. It is also an introduction to the proper application and use of a variety of tools used in everyday life. This is a required class for students entering the Engineering and Manufacturing Academy, but it also intended to benefit any student with an interest in biking. This is a “hands-on” class with safety, craftsmanship and teamwork being stressed at all times.



9450 Introduction to Computer Aided Drafting & Design (CADD) (Semester)

Credit: ½ credit

Fee: none

Pre-Requisite: None

This class focuses on the basic concepts and the practical skills necessary to create technical drawings using industry standard CADD software. Students will learn basic skills such as, drawing tools, dimensioning, layout and plotting, and 3D drawings. Basic computer competency is encouraged as well as strong math and spatial skills.

9451 Computer Aided Drafting & Design 1-2 (year)

9452

Credit: 1/2 credit per semester

Fee:

Pre-Requisite: Intro to CADD

A program that generally prepares individuals to apply basic engineering principles and technical skills in support of engineers engaged in a wide variety of projects. Includes instruction in various engineering support functions for research, production, operations, and applications to specific engineering specialties.

STANDARDS

Computer-Aided Drafting & Design, State Board Approved 04/12/03

Tech Prep: Possible 3 credits (DFT 100 & CADD 100 w/ TMCC)

9453 CADD 3-4 (Full Year)

9454

Credit: 1 credit per semester

Fee: \$40.00

Pre-Requisite: CADD 1-2 **and/or** instructor approval.

The **Advanced Computer Aided Drafting and Design** utilizes a sophisticated computer workstation laboratory for the development and generation of computer enhanced drawings and graphics. Students have an opportunity to use advanced software for mechanical and architectural drafting, as well as for design, modeling, and manufacturing production purposes.

Students also learn to operate digitizers, color plotters, and 3D printers with industry relevant software that support mechanical, technical and architectural drafting in both 2D and 3D environments. More advanced students may perform additional design in computer imaging, rendering, automated manufacturing and industrial product design, as well as related visual and technical design exploration.

Particular emphasis is placed upon comprehensive understanding and competency development with AutoCAD and various design programs that are in accordance with the National Occupational Skill Standards. This is aimed at assisting students pursuing further education by providing college level articulation and preparation for potential employment in architectural, engineering and related design fields. Career opportunities are plentiful in all technical and artistic design fields, and students will develop working drawings and design for entry level possibilities, as well as portfolio preparation.

At various times throughout the school year, students will be required to provide their own transportation to alternate class sites for job shadowing, internship, and/or visits to businesses, as well as selected industry events.

TECH-PREP: Possible 3 credits: CADD 245 w/ TMCC

STANDARDS

Computer-Aided Drafting & Design, State Board Approved 04/12/03

9455 CADD 5-6 (Full Year)

9456

Credit: 1 credit per semester

Fee: \$40.00

Pre-Requisite: Passing grade of “C” or better in CADD 3-4.

The **Advanced Computer Aided Drafting and Design Year 2** program further develops and expands upon CADD concepts and related drafting and design fundamentals. It provides continued education in selected areas in the mechanical, technical, architectural and manufacturing fields and also integrates 3D Design processes and related production developments.

Students will focus on productive and disciplined solutions to problems that relate to the industrial, professional and academic environments while developing portfolio and scholarship opportunities. Additional emphasis will be placed on projects, independent study, and organized activities relating to production environments, as well as developing the student’s potential for work-study and/or internships.

At various times throughout the school year, students will be required to provide their own transportation to alternate class sites for job shadowing, internship, and/or visits to businesses, as well as selected industry events.

STANDARDS

Computer-Aided Drafting & Design, State Board Approved 04/12/03



9403 Machine Tool / Manufacturing (Full Year)

9404

Credit: ½ credit per semester

Fee: \$15

Pre-Requisite: None

This class is designed to introduce students to equipment and practices used in the machine tool and manufacturing industry. Students will learn to safely operate various machine tools, working from blueprints to complete projects. Students will also learn the mathematics associated with the machine trades. This will include the use of both semi-precision and precision measuring tools.

Tech Prep: Possible 6 credits w/ TMCC

9340 Intro to Metalworking (Semester)

Credit: ½ credit

Fee: \$15

Pre-Requisite: None

Metalworking I is a semester long introductory course to the field of metalworking and welding. Shop safety as well as the fundamentals of arc welding, oxy-fuel welding and oxy-fuel cutting will be covered in this course. Students will also leave with a basic knowledge of sheet metal and blacksmithing. This course is a mixture of classroom work and hands-on lab work.

9341 Metalworking 1-2 (Year)

9342

Credit: ½ credit per semester

Fee: \$25.00

Pre-Requisite: Passing grade in Algebra 1-2

A program that prepares individuals to apply technical knowledge and skills to plan, manufacture, assemble, test, and repair parts, mechanisms, machines, and structures in which materials are cast, formed, shaped, molded, heat treated, cut, twisted, pressed, fused, stamped or worked.

STANDARDS

Metalworking Standards

Adopted by the State Board of Education/State Board for

Occupational Education on March 19, 2005

Welding Skills Standards (03/19/2005)

Tech Prep: Possible 3 credits – WELD 101 w/ TMCC

9411 Welding Technology 1-2 (Year)

9412

Credit: 1 per semester

Fee: \$25.00 lab fee per semester

Pre-Requisite: Passing grade in Metal 1-2

\$15.00 SkillsUSA dues

“C” or better in Alg 1-2 & Geo 1-2

boots, welding gloves

or instructor approval

This Welding Technology program is designed for WCSD students who wish to expand their knowledge in the area of welding. Students will become familiar with layout and design, blueprint reading, inspection testing of welds, metallurgy and project development. Basic to advanced welding techniques will be provided in the areas of Shielded Metal Arc Welding, Gas Metal Arc Welding, Flux Cored Arc Welding, and Gas Tungsten Welding.

A Competency Profile will be issued to every student who successfully completes this year long program. Students will be offered first hand knowledge of the welding industry in our community through field trips and guest speakers. Our program is an approved “American Welding Society – Entry Level 1” training facility. Our curriculum provides for students to earn college credits through our Tech Prep Articulation program with the community colleges. All students will receive Employability Skills training through the SkillsUSA Professional Development Program.

TECH PREP: Possible 5 college credits – WELD 211 & 212 w/ TMCC

STANDARDS

Metalworking Standards

Adopted by the State Board of Education/State Board for Occupational Education on March 19, 2005
Welding Skills Standards (03/19/2005)

9413 Welding Technology 3-4 (Year)

9414

Credit: 1 credit per semester

Fee: \$25.00 lab fee per semester

Pre-Requisite: Passing grade in Welding Tech 1-2

\$15.00 SkillsUSA dues

and Instructor Approval

\$15.00 American Welding Society
Student Member

boots, welding gloves

This class is designed for those students who wish to continue their training in the field of welding. All students will receive Employability Skills training through the SkillsUSA Professional Development Program.

The second 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 year two students.

STANDARDS

Metalworking Standards

Adopted by the State Board of Education/State Board for Occupational Education on March 19, 2005
Welding Skills Standards (03/19/2005)

TECH PREP: Possible 5 college credits

MEDICAL CAREERS ACADEMY

Course Name	Course #	F = Fall S = Spring Y = Year	GRADE LEVEL COURSE CAN BE TAKEN				Meets Graduation ReQ.	Honors Class	Qualifies for Arts/ Humanities/CTE	Instructor Approval
			9 th	10 th	11 th	12 th				
Intro to Emergency Services	9815 9815	Y	X	X	X	X				
First Responder	9817 9818	Y		X	X	X		X		
Medical Terms /Body Systems	9813 9814	Y		X	X	X		X		
Health Occupations	9803 9804	Y			X	X		X		
Medical Assistant	9801 9802	Y			X	X		X		
Sports Medicine	9809 9810	Y			X	X		X		

9815 Intro to Emergency Services (Year) **9815**

Credit: ½ credit per semester

Fee: none

Pre-Requisite: None

Health Science Medical Career Academy students will explore the medical operation of community wide disaster preparedness and response. The course prepares individuals, to recognize, assess, and manage medical emergencies. Students will have the opportunity to develop and demonstrate knowledge and skills they will need to respond to their community's immediate needs in the aftermath of a disaster, when emergency services are not immediately available. Students will be trained in basic disaster response skills such as fire safety, light search and rescue, team organization, and disaster medical operations.

The curriculum will follow the Teen CERT Community Emergency Response Team program. Students will be provided with knowledge base on the effects of natural and man-made disasters and the emotional, social, and economic impact. Secondly, students will build decision-making and problem solving skills and strategies to make informed decisions regarding readiness, response & recovery and mitigation efforts to reduce loss of life and property. This program will provide students with hands-on training using reality driven drills and exercises.



9813 Medical Terminology & Body Systems (Year)

9814

Credit: ½ credit per semester

Fee: \$55 workbook

Pre-Requisite: Successful completion of Biology 1-2

+ \$17 HOSA dues

This foundational course is for students who must acquire an understanding of basic medical terminology. The class includes skills that enable students to recognize, comprehend and write hundreds of medical terms. This class prepares students for a number of medical careers such as medical assisting, dental assisting, nursing, paramedic, veterinary medicine, sports medicine, and other allied health professions. Students use audiotapes and practice CD's as a fun way to review material and learn pronunciations.

Medical terminology is studied in conjunction with the anatomy of each body system and how each system physiologically functions within itself and with the other body systems. Disease and disorders of each body system will also be presented. This class meets both state and national healthcare foundation standards for certification.

9817 First Responder (Year)

9818

Credit: ½ credit per semester

Fee: \$10.00

Pre-Requisite: Successful completion of Biology 1-2

The First Responder course presents an exciting opportunity to develop emergency medical skills and knowledge to assist licensed EMTs, under the supervision of a physician, to prepare and transport ill or injured patients, and to operate emergency equipment. The material presented is divided into seven sections, which follow the national standard curriculum. These sections include Preparing to be a First Responder; Airway; Patient Assessment; circulation; Illness and Injury; Childbirth, Pediatrics and Geriatrics; and EMS Operations.

Students completing this course with a "B" or better will be able to get their First Responder certification. (Students must be 16 years of age by April to become certified) All students will also have the opportunity to become CPR certified.

9803 Health Occupations (Year)

9804

Credit: 1 credit per semester

Fee: \$5.00 & Medical Scrubs

+ \$17 HOSA dues + \$15 TB test

Pre-Requisite: "C" or better in Biology 1-2 or instructor approval
CPR and First Responder certified

Students must meet the requirements to work as a volunteer in the hospital/patient setting including being current on all immunizations and TB testing*

Student might be asked to pass a drug test administered by the hospital to participate in the internship at Renown. If a student fails the drug test and is not able to complete the required job shadowing or internship, they will be dropped from the class.

The **Health Occupations Program** is designed for any student who thinks he or she may be interested in a career in the health care field. Students should be aware that the health science field requires extensive memorization, ability to learn medical terminology and the maturity to handle the

emotional and physical aspects of being in real life medical situations. During the school year the course of study will combine experiences in health care settings with classroom study and skills practice in the lab. Students will shadow at least 15 areas of a hospital and experience in long term care facility.*

As part of the course, students will learn anatomy and physiology as it relates to the human body and disease. Students will also become familiar with various kinds of medical equipment and have hands on opportunities to practice with the equipment. Various health diagnostic tests will be observed and discussed as well as practiced by the students.

Field trips to various medical areas and visits to the classroom by health professionals are frequent occurrences. Leadership experiences will be offered through a professional student association (HOSA) where the opportunity to participate in competitions at the local, state or national level is available. At times a flex schedule may be needed to accommodate internship experiences. This means that occasionally students will meet at a hospital or other medical facility other than at the regular time. **Transportation to the medical facilities is the responsibility of the students.**

*All health care facilities have strict requirements to job shadow. A two-step TB and updated current immunization records are required.

9801 Medical Assistant (Year)
9802

Credit: 1 credit per semester

Fee: \$55.00 workbook or your book from AACT
Medical Term Class + \$17 HOSA dues

Pre-Requisite: “C” or better in Biology 1-2 or instructor approval
CPR and First Aid certified

The Medical Assistant Program is offered to mature, motivated high school juniors and seniors who have a strong interest in pursuing a career in the medical field. This year long course of study provides the opportunity to match a student’s career interest with actual job site training specific to front and back medical office practices. Students will participate in the *Learn and Earn Work Based Program* which requires 60 plus hours of job shadowing experience. This class meets both State and National Standards for certification.

Classroom instruction includes a review of medical terminology, human anatomy and physiology, as well as clinical and diagnostic procedures. Specific instruction will focus on employability skills in an overall effort to facilitate a student’s transition from school-to-work. After the successful completion of the core competencies, students are awarded a Competency Certificate and are eligible for college credits at Truckee Meadows Community College.

Students are encouraged to participate in the Health Occupations Students of America (HOSA) which promotes and supports both school-based and work-based opportunities. HOSA enhances a student’s ability to develop leadership skills and the confidence to enter the workplace. Medical assisting is one of the fastest growing health care careers. This program lays a strong foundation for students wishing to continue their health sciences education or seek immediate, long term employment.

Participation in the Medical Assistant Program requires students/parents to provide necessary transportation to the job shadow site for up to an eight week period during the second semester.

9809 Sports Medicine (Year)

9810

Credit: 1 credit per semester

Fee: \$30.00 + \$17 HOSA dues

Pre-Requisite: “C” or better in Biology 1-2 or instructor approval

CPR and First Aid certified

Anatomy & Physiology is recommended

Sports Medicine is the branch of medicine that deals with the prevention and treatment of injuries that occur to athletes and the active population. Those who work in sports medicine must draw from a vast array of disciplines including anatomy and physiology, strength training, sport psychology and nutrition to help their patients or clients attain, regain and maintain physical fitness.

As part of this course, students will job shadow in an area of their choice, typically a Physical Therapy clinic, but may be another area in the field of Sports Medicine. **The student will be responsible for finding a place to job shadow and providing their own transportation.** The shadowing usually takes place during the second semester.



ENGLISH

A student must have a minimum of four years (four credits) of English before s/he can graduate from a high school in Nevada. The aim of the English curriculum is to immerse the student into the social and experimental environment of language.

English standards maintain high expectations for all students and outline the essential knowledge and skills needed to participate productively in our increasingly complex society. State standards have been designed in the areas of reading, writing, listening, speaking, and research to assure literacy for every graduate of AACT.

Course offerings in English include:

Course Name	Course #	F = Fall S = Spring Y = Year	GRADE LEVEL COURSE CAN BE TAKEN				Meets Graduation ReQ.	Honors Class	Qualifies for Arts/ Humanities/CTE	Instructor Approval
			9 th	10 th	11 th	12 th				
English 1-2	1201 1202	Y	X	X	X	X				
English 1-2 Honors	1203 1204	Y	X			X	X		X	
English 3-4	1211 1212	Y		X	X	X				
English 3-4/ Honors	1213 1214	Y		X		X	X		X	
English 5-6	1231 1232	Y			X	X				
AP English Language 5-6	1243 1244	Y			X		X		X	

1201 English 1-2 1202

Credit: ½ credit per semester

Fee: None

Pre-Requisite: None

This one-year course will provide the fundamentals of communication skills – reading, writing, speaking and listening, and research – necessary for school and career. The course will address language skills such as usage and sentence design. Students will write paragraphs, multi-paragraph essays, and business communications, focusing on the six-trait model. Reading comprehension skills and reading strategies will be refined through readings in literature and non-fiction. Students will understand literary terminology and apply it to a variety of texts. There will be a research component in the course. The course will be taught using a variety of teaching techniques from direct instruction to small group work.

1203 English 1 -2 Honors (Full Year)

1204

Credit: ½ credit per semester

Fee: None

Pre-Requisite: Enrollment is competitive based on performance in 7th and 8th grade English classes, written exam, and reading comprehension level. Enrollment may be limited.

This course is designed for freshman English students who demonstrate excellent skills in writing, vocabulary, reading, and communication. Students enrolled in this honors course will be expected to write frequent, well-developed compositions and to read and analyze a wide variety of literary forms, including novels. Strong emphasis will be placed on student composition, vocabulary development, reading, oral communication and critical thinking. In order to remain in this class, students must follow the “Guidelines for Success in Honors Classes ” established by the English Department.

REQUIREMENTS FOR CONSIDERATION FOR FRESHMAN HONORS ENGLISH:

- Candidates must meet all three of the following requirements to be considered for honors, or candidates may be below level on one requirement if the other two are above the necessary marks:
 - Average score of 4 or better on the Analytic Trait Writing exam
 - Grade of B or better in English for the previous two semesters
 - A reading comprehension grade level of 9.5

1211 English 3 -4 (Full Year)

1212

Credit: ½ credit per semester

Fee: None

Pre-Requisite: English 1-2

This one-year course will continue to develop skills in reading, writing, speaking and listening, and research. It will continue to focus on language skills while expanding composition skills to include a variety of writing modes and audiences. Using the reading process, students will read and comprehend increasingly difficult texts, both fiction and non-fiction. There will be a research component in the course. The course will be taught using a variety of teaching techniques from direct instruction to small group work.

1213 English 3 -4 Honors (Full Year)

1214

Credit: ½ credit per semester

Fee: None

Pre-Requisite: Sophomore standing. “B” or better in English 1-2. and/or recommendation of English 1-2 teacher.

Students will be expected to read, evaluate, and analyze diverse and classic literature, write in a variety of formats, and build vocabulary and language skills. Students will be expected to perform at an honors level on all work as they participate in research assignments, group projects and presentations, community service, field study, and public speaking

1231 English 5-6 (Full Year)

1232

Credit: ½ per semester

Fee: None

This one-year course will strengthen and expand skills in reading, writing, speaking and listening, and research. The focus will be on increasingly sophisticated language skills such as complex sentence structures and word choice. Writing and reading assignments will incorporate higher level thinking skills such as synthesis and analysis. Fiction and non-fiction texts will focus primarily on American authors. There will be a research component in the course. The course will be taught using a variety of teaching techniques from direct instruction to small group work.

1243 Advanced Placement English Language 5-6 (Year)

1244

Credit: ½ credit per semester Fee: \$107.00*

Pre-Requisite: Junior standing. Enrollment is competitive based on performance in sophomore English class, English 3-4 teacher recommendation and GPA

Advanced Placement English Language is an introductory, college-level course designed to prepare students for the College Board Advanced Placement Examinations. In addition to the regular junior English curriculum with its focus on American Literature, this course includes advanced composition and editing, English usage improvement, intense study of grammar and mechanics, vocabulary enrichment, a survey of American Literature, and logic. Students will do a considerable amount of independent reading and writing as well as research. This course is designed for the highly motivated junior student and, if successfully completed, qualifies for honors credit. NOTE: This course is intended to prepare students for the College Board Advanced Placement Exam; those who enroll in this class will be required to take that exam in May. This course may not be dropped from a student's course schedule after the last day of school prior to the year the student plans on taking the course. (Some financial assistance may be available.)

*Fee: \$87.00 AP Exam, plus \$20.00 Newsweek (required subscription)

WORLD LANGUAGES

All World Language classes are electives. Third, fourth and fifth year languages are all honors-level classes. Students may enroll at any level, providing they have met the prerequisites. Washoe County 8th grade students have an opportunity to challenge the first year of a language by demonstrating knowledge of material mastered in middle school by passing the Credit-By-Exam (CBE). (Students who have passed a CBE for a world language may not receive additional credit for the course.) Depending on pre-enrollment figures, some world language classes may be combined or cancelled. **Upper level language classes (5-6) will fulfill the Arts/Humanities/ CTE graduation requirement.**

In the World Language Department, classes with designation of 5-6 and above are considered “honors level.” Students may register for these classes only if they have completed the course level immediately prior to the current course and passed it with at least a grade of “C.”

Course offerings in World Language include:

Course Name	Course #	F = Fall S = Spring Y = Year	GRADE LEVEL COURSE CAN BE TAKEN				Meets Graduation ReQ.	Honors Class	Qualifies for Arts/ Humanities/CTE	Instructor Approval
			9 th	10 th	11 th	12 th				
Spanish 1-2	4611 4612	Y	X	X	X	X				
Spanish 3-4	4613 4614	Y	X	X	X	X				
Spanish 5-6 (H)	4615 4616	Y		X	X	X	X	X	X	
AP Spanish 7-8	4637 4638	Y			X	X	X	X	X	

4611 Spanish 1-2 (Full Year)
4612

Credit: ½ credit per semester
Pre-Requisite: None

Fee: none

This beginning-level course is designed to provide students with a communicative-based foundation in the Spanish language. Students will develop fundamental skills in understanding, speaking, reading, and writing the language, as well as understanding and appreciating the culture of the Spanish-speaking people. **Note: Students must have a Spanish/English Dictionary**

4613 Spanish 3-4 (Full Year)
4614

Credit: ½ credit per semester
Pre-Requisite: Spanish 1-2

Fee: \$10.00

This second-year level course is designed to provide students with further practice and training in conversation, as well as clarity in writing the Spanish language. It includes instruction and enriched development in speaking, listening, reading, and writing, as well as grammatical skills and vocabulary. Students will be encouraged to study Hispanic history, geography, customs, and current affairs. **Note: Students must have a Spanish/English Dictionary**

4615 Spanish 5-6 (Honors) (Full Year)
4616

Credit: ½ credit per semester
Pre-Requisite: Spanish 3-4 with a “C” or higher **or** approval of Instructor

Fee: \$10.00

This course is designed for advanced third-year Spanish students. It will emphasize improving oral communication skills; improving reading comprehension and composition skills; and review of

Spanish phonology, syntax and grammar. Students will also gain greater awareness of the cultural contributions of Spain and Latin America in art, music, literature, and history. **Note: Students must have a Spanish/English Dictionary.**

4637 Spanish 7-8 Advanced Placement (AP) (Year)
4638

Credit: ½ credit per semester

Fee: \$87.00*

Pre-requisite: Spanish 5-6 with a grade of “C” or better. **Please NOTE: This course may not be dropped from a student’s course schedule after the last day of school.**

The AP Spanish course is a culmination of increased skills in speaking, listening, reading, writing, and grammar mastery. Extensive reading in Spanish is required. Written compositions and essays are assigned regularly. A complete review of Spanish grammar is included. Vocabulary development will be increased greatly and knowledge of Spanish culture and history will be emphasized. These courses fulfill the Arts/Humanities graduation requirement and, if successfully completed, qualify for honors credit. Please see the “Guidelines for Success in Honors Classes” and “Guidelines for Success in AP Classes” at the beginning of this guide when considering enrollment.

NOTE: this course is intended to prepare students for the College Board Advanced Placement Exam; those who enroll in this class will be required to take the AP exam in May. (Some financial assistance may be available)

*\$87.00 AP Exam



MATHEMATICS

The intent of the Gateway Course of Study is that all students enroll in 4 years of math and three years of science, and that all students complete at least Algebra 3. The math curriculum designed for all students to study a broad range of mathematics, including basic concepts of algebra, geometry, probability, statistics, and the underpinnings of higher level mathematics, with strong emphasis in developing problem solving, mathematical communication, and reasoning skills.

Course Name	Course #	F = Fall S = Spring Y = Year	GRADE LEVEL COURSE CAN BE TAKEN				Meets Graduation ReQ.	Honors Class	Qualifies for Arts/ Humanities/CTE	Instructor Approval
			9 th	10 th	11 th	12 th				
Algebra 1	2201 2202	Y	X	X			X			
Geometry 1-2	2211 2212	Y	X	X	X	X	X			
Formal Geometry 1-2 (H)	2215 2216	Y	X	X	X	X	X	X		
Algebra 2 (H)	2221 2222	Y		X	X	X	X	X		
Algebra 3 (H)	2241 2242	Y			X	X	X	X		
Trig Pre-Calculus (H)	2231 2232	Y			X	X	X	X		

2201 Algebra 1 (Full Year)
2202

Credit: ½ credit per semester
Pre-Requisite: none

Fee: None

This is one-year course designed to teach the fundamentals of elementary algebra. This course lays the foundation of knowledge and skills to meet the NV state mathematics standards for high school students. A strong foundation in algebra is needed for subsequent mathematics courses and for the NV High School Proficiency Exam (NHSPE). The mathematics standards studied include all 5 strands: Numbers, Number Sense, and Computation; Patterns, Functions and Algebra; Measurement; Spatial Relationships, Linear Geometry; and Data Analysis. Throughout the year, students will be expected to develop the ability to reason and communicate mathematically, apply learned concepts to new problem-solving situations and exhibit increased confidence in their ability to solve mathematical problems.

2211 Geometry 1-2 (Full Year)

2212

Credit: ½ credit per semester

Fee: Scientific calculator

Pre-Requisite: Recommended successful completion of Algebra 1

This is a one-year course that will cover the following topics with an emphasis of axioms, postulates and theorems introduced through student exploration activities: plane geometric figures; right triangles; constructions; congruence and similarity; geometric formulas; three-dimensional geometry; converting between metric and customary systems; circles; coordinate and transformational geometry; inductive and deductive reasoning; precision and error; and probability applied to geometry. Development of deductive reasoning skills will be emphasized. Students will also review algebraic techniques, work on realistic problems, and use technology as much as possible. Students planning careers in any occupation will benefit from this class.

Students may enroll in Algebra 2 and Geometry concurrently in order to take Calculus in high school.

2215 Formal Geometry 1-2 Honors (Full Year)

2216

Credit: ½ credit per semester

Fee: Scientific calculator

Pre-Requisite: Successful completion of Algebra 1 with a “B” or better **or** a passing score of 80 or higher on the CBE test.

This is a one-year course that will cover the following topics through emphasis on formal proofs; axioms, postulates and theorems; plane geometric figures; right triangles; constructions; congruence and similarity; circles; coordinate and transformational geometry; inductive and deductive reasoning; logic; three-dimensional geometry; precision and error; and probability applied to geometry. Development of deductive reasoning skills will be emphasized. Students will also review algebraic techniques, work on realistic problems, and use technology as much as possible. An ability to think abstractly is critical for successful completion of this course. Students planning careers in any occupation will benefit from this class.

Students may enroll in Algebra 2 and Formal Geometry 1-2 concurrently in order to take Calculus in high school.

2221 Algebra 2 Honors (Full Year)

2222

Credit: ½ credit per semester

Fee: Graphing calculators are required.

Pre-Requisite: Successful completion or current enrollment in Formal Geometry or Geometry.

This is a one-year course, which strengthens and expands the techniques and concepts learned in Algebra 1. This course will strengthen the student's problem solving and algebraic skills in preparation for advanced mathematics courses. The major topics of study are: equations and inequalities; relations and functions; domain and range of parent functions; systems of equations and inequalities; matrices; Venn Diagram; polynomials and polynomial functions; Complex numbers; quadratic equations; rational and radical functions, exponential and logarithmic functions; Conic sections; conditional, binomial and normally distributed probabilities. Throughout the year, students will be expected to continue to develop the ability to reason and communicate mathematically, apply learned concepts to new problem-solving situations, and exhibit increased confidence in their ability to solve mathematical problems. Graphing calculators are required.

2241 Algebra 3 Honors (Full Year)

2242

Credit: ½ per semester

Lab Fee: Graphing calculators are required.

PRE-REQUISITE: Algebra 2 taken

This is a one year course designed to build upon the concepts presented in Algebra 2. Students will apply Algebra 2 concepts in real-life contexts to strengthen and expand problem solving, numerical literacy and application skills in preparation for post-secondary choices including the world of work, college, technical training or the military. The course will consist of four modules: Math in Finance; Math in the Fine Arts; Math in Technology and Math in Health Issues. Mathematics topics that will be imbedded into the four modules include: Functions (Linear, Quadratics, Exponentials, Logarithms, Rational, and Polynomial); Geometry and Measurement (including Conics); Linear Programming; Probability and Data Analysis.

2231 Trigonometry-Pre-Calculus (Honors) Full Year

2232

Credit: ½ per semester

Lab Fee: Graphing calculators are required.

PREREQUISITE: Recommended successful completion of Algebra 2; Grade of C or better is recommended.

This is a one-year course designed to teach the basic fundamentals of trigonometry and to teach a variety of additional pre-calculus concepts. The major topics of study are: exponential and logarithmic functions; trigonometric and circular functions; Cartesian and polar forms of equations; and complex numbers: powers and roots; vectors; sequences and series; domain and range of advanced functions; notation: set, interval and inequality; composition of functions; solve polynomial equations to find all solutions; Amortization calculations; and regression models to predict future values.

Throughout the year, students will continue to develop the ability to reason and communicate mathematically, apply learned concepts to new problem-solving situations, and exhibit increased confidence in their ability to solve mathematical problems.



MISCELLANEOUS OFFERINGS

Course Name	Course #	F = Fall S = Spring Y = Year	GRADE LEVEL COURSE CAN BE TAKEN				Meets Graduation ReQ.	Honors Class	Qualifies for Arts/ Humanities/CTE	Instructor Approval
			9 th	10 th	11 th	12 th				
Student Leadership	7201 7202	Y		X	X	X				X
Office Experience	8131 8132	Y			X	X				X

7201 Student Leadership (Full Year)

7202

Credit: ½ credit per semester

Fee: None

Pre-Requisite: Sophomore or higher status. Formal application **and** instructor approval.

This class is recommended for all elected Academy Representatives but open to all students to apply. This class will include working on the yearbook and the student newspaper. Students will plan and run all student activities throughout the school year, while learning leadership and organizational skills.

8131 Office Experience (Semester or Year)

8132

Credit: ½ credit per semester

Fee: None

Pre-Requisite: Formal application (from appropriate office) **and** instructor approval. Students must have a cumulative GPA of 3.00 or above, good attendance record and no discipline issues. Junior or Senior standing only.

The above office assistant positions are open to students on a very limited basis. Students are assigned to a secretary in the main office, the counseling office or the discipline office. Students will learn office skills, including the use of the telephone switchboard and the operation of various office machines (such as copy machines, printers, and FAX). Students will also deliver office messages, run passes, file, sort mail, and help with greeting the public. Confidentiality, dependability, attendance, and a pleasant personal presentation are vital for every student in this program. **Note: Students who do not consistently meet the qualifications and standards of this program can be dropped from this class with possible loss of credit.**

PHYSICAL EDUCATION, HEALTH, AND AQUATICS COURSES

State law requires all students to successfully pass four semesters of Physical Education, HSROTC, and/or Aquatics. When the four-semester requirement has been completed, additional courses in PE and/or Aquatics may be taken for elective credit. It is strongly recommended that students take some form of PE each semester and that fitness be a lifelong commitment.

Those students who are actively participating on a regional competitive team in certain physical activities have the opportunity to pursue PE credit through a Supervised Curriculum (SC) option. If you qualify and are interested in information about such an option, please see your counselor or talk to the Athletic Director. The application for participation in SC PE must be filled out and approved by the SC PE Coordinator at AACT **prior** to the end of the first week of any semester participation is anticipated. Please note that elective credit is not available through the SC PE option. Please be aware, also that the PE graduation requirement (or portions thereof) can be waived through participation in the HSROTC Program or through participation in certain extra-curricular activities.

If, due to physical circumstances, you are not able to participate in any form of PE, please see the Registrar regarding the procedure for waiving the PE graduation requirement.

Course Name	Course #	F = Fall S = Spring Y = Year	GRADE LEVEL COURSE CAN BE TAKEN				Meets Graduation ReQ.	Honors Class	Qualifies for Arts/ Humanities/CTE	Instructor Approval
			9 th	10 th	11 th	12 th				
Health	5311	F/S	X	X	X	X	X			
Lifestyle Fitness	5253	F/S	X	X	X	X	X			
Intro to Yoga	5252	F/S	X	X	X	X	X			
PE Aquatics	Varies	F/S	X	X	X	X	X			

5311 Health (Semester)

Credit: ½ credit

Fee: None

Pre-Requisite: None

HIGH SCHOOL GRADUATION REQUIREMENT: The State of Nevada guidelines for Health Education state that “To qualify for a standard diploma, evidencing graduation from high school, a student must earn at least one-half credit in health. The course shall include instruction in physical, mental, emotional, and social aspects of one’s health.” In Washoe County, that requirement can be met through completion of this Health Course or through completion of five semesters of HSROTC or through completion of the Child Development I Course.

PROGRAM: Topics covered in the WCSD Course of Study for Health include:

1. Body structure and function
2. Physical and emotional development
3. Drugs, alcohol, and tobacco
4. Disease and disorders

5. Fitness and exercise
6. Nutrition
7. Consumer health
8. Safety, first aid, and emergency care
9. Family health, growth, and development
10. Environmental health and related fields
11. Community health
12. Health careers
13. Human sexuality and HIV/AIDS

*A qualified S.H.A.R.E. instructor provides topics related to human sexuality and HIV/AIDS education through the Sexuality, Health and Responsibility Education (S.H.A.R.E.) Program.

5253 Lifestyle Fitness

Credit: ½ credit per semester

Fee: See Uniform Requirement

Pre-Requisite: None

A semester/year course designed to introduce the student to different life long fitness programs. Emphasis on total body conditioning through P90X, basic yoga, cardio sculpting, aerobic activities, resistant training using the hand weights, body weight, core ball are just a few activities offered. This class is combined with weight room training using Life Fitness Equipment. Each activity will include a warm up and cool down. Major fitness concepts will be discussed through the course of the semester/year.

Uniform Requirements for all PE classes:

- An AACT Athletic T-Shirt
- A pair of AACT Athletic Shorts
- Socks
- Tennis Shoes
- Optional—sweatshirt and/or sweatpants for cool weather

Note: The cost for AACT athletic t-shirts is \$5 and shorts are \$15. Both can be purchased through the PE Department at AACT during registration or the first week of school.

Dressing out in the above-prescribed uniform is a class requirement for ALL PE classes. Any deviation from the above-required dress requirement will result in a student receiving a “non-dress” and a reduction in one’s PE grade.

5252 Introduction to Yoga

Credit: ½ credit per semester

Fee: See Uniform Requirement

Pre-Requisite: None

This is an introduction to several styles of yoga. The class will focus on fundamental practices of awareness, relaxation and conscious breathing which include the practice of postures, breath control, relaxation, light meditation, self discipline and training of the mind body and concentration. Students will develop body awareness, increase vitality and peace of mind. Students will learn the names of Yoga asanas or postures and will be required to name postures and write their own Yoga workout. This class is combined with weight room training using Life Fitness Equipment.

DISTRICT PE AQUATIC PROGRAM OFFERINGS

The Aquatics Program is a district-wide program held after regular school hours at a site away from the high school campus (Northwest, Northeast, or Alf Sorenson pools). Participation in this program is a privilege and exemplary behavior is expected.

On the first Wednesday of the fall semester an Aquatics teacher will meet with students at the appropriate swimming pool. Class will begin the first Thursday of the school year. Students who intend to participate in a fall or winter after-school sport should NOT enroll in Aquatics. Students failing to suit out or who are absent more than ten days in a semester will be dropped from the program.

Students are required to furnish their own swimsuits, swim caps, goggles, and towels; locker rooms and showers are available. **Students must provide their own transportation to and from class everyday.** Students who wish to participate in a water sport and do not need PE credit need not register for aquatics classes.

PE Aquatics – General Swimming

Course # 5300

Fall Only - .5 credit

There is no prerequisite for this class. The class CANNOT be repeated for credit.

This course is designed to teach competitive swimming skills from beginner to advanced swimmer. Physical conditioning is gained through a variety of aquatic experiences which may include, learning to swim the four competitive strokes, starts, turns, and lap swimming for fitness. Class hours are 3:00-4:00 p.m. (times vary slightly from school to school). Please allow for transportation time to and from the pool.

Student is graded on attendance, interest, participation, and noted improvement in skills presented. Students are required to bring their own swimsuits, goggles, and towels. Locker rooms and showers are available. **Transportation not provided.**

PE Aquatics – Swim Training

Course # 5301-5302

Fall and Spring - .5 credit per semester

Prerequisites include general swimming class or knowledge of all four competitive strokes and flip turns, or approval of instructor.

This course is designed to train the advanced swimmer. Activities include practice sessions, time trials, and swim testing. The spring semester of this course is for swim team participants. Spring workouts are over at 4:00 p.m. This course may be repeated for credit. Class hours are 3:00–4:00 p.m. daily at Northwest, Northeast, or Alf Sorenson pools; please allow for transportation time to and from the pool.

Student is graded on attendance, interest, participation, and improvement. Students are required to bring their own swimsuits, goggles, and towels. Locker rooms and showers are available. **Transportation not provided.**

PE Aquatics – Beginning Springboard Diving

Course # 5303

Fall Only - .5 credit

In order to enroll in this class, students must be able to swim. There is a school quota of five (5) students for this program.

This course is designed to teach the basic fundamentals of springboard diving and required dives featured in high school competition. Class hours are 3:00-4:00 p.m. daily at Alf Sorenson Pool; please allow for transportation time to and from the pool. **ONLY** beginning divers may be enrolled in this class.

Student is graded on attendance, interest, participation, and noted improvement in skills presented. Students are required to bring their own swimsuits, goggles, and towels. Locker rooms and showers are available. **Transportation not provided.**

PE Aquatics – Advanced Springboard Diving

Course # 5304

Spring Only - .5 credit

Prerequisite includes Beginning Springboard Diving with ability to perform eleven (11) dive format or approval of instructor.

This course is designed to teach the advanced skills of springboard diving. This course is for students on the Diving Team. Class hours are 3:00-4:00 p.m. daily; please allow for transportation time to and from the pool.

Student is graded on attendance, interest, participation, and improvement. Students are required to bring their own swimsuits, goggles, and towels. Locker rooms and showers are available.

**STUDENTS MUST PROVIDE THEIR OWN TRANSPORTATION FOR ALL
AQUATICS CLASSES**



SCIENCE

A student must have a minimum of three years (3 credits) of science before s/he can graduate with a Gateway diploma from a high school. All students are encouraged to complete as many years of science and to the highest level possible for their individual abilities. Course offerings in Science will challenge students and prepare them for life experiences, whether they move directly into the world of work after high school or plan to extend their formal education through college courses.

All courses in the Science Department will involve students in decision making, management of information, analysis of data, support of divergent points of view, and the moral and ethical dimensions of problems related to scientific knowledge and technology. The science curriculum strives to give students an understanding of how science affects our everyday lives, thus giving students the tools to gain a greater appreciation for life.

Course offerings in Science include:

Course Name	Course #	F = Fall S = Spring Y = Year	GRADE LEVEL COURSE CAN BE TAKEN				Meets Graduation ReQ.	Honors Class	Qualifies for Arts/ Humanities/CTE	Instructor Approval
			9 th	10 th	11 th	12 th				
Biology 1-2	3141 3142	Y	X	X	X	X	X		X	
Physical Science 1-2	3101 3102	Y		X	X	X	X			
Chemistry 1-2 (H)	3201 3202	Y		X	X	X	X	X	X	
Environmental Science	3111 3112	Y			X	X	X			
Physics	3241 3242	Y			X	X	X	X		
Human Anatomy and Physiology	3261 3262	Y			X	X	X	X		

3141 Biology 1-2 (Full Year) **3142**

Credit: ½ credit per semester

Fee: \$10.00

Pre-Requisite: Mandatory for all Freshmen

This one-year survey course is intended to help 9th grade students develop a conceptual understanding of the fundamental concepts of biological sciences. This course will cover the State of Nevada Life Science standards which are essential for success on the High School Proficiency Exam (HSPE). This course is designed to cover the dynamic processes of life and to show how our survival as a species is dependent upon the understanding of the following biological principles: genetics, natural history, ecology, evolution, cell processes, heredity, and biotechnology. This course meets high

school graduation requirements for science, Gateway requirements, and college entrance requirements for laboratory science.

Upon successful completion of Biology, students will understand 1) the natural laws that govern the existence of life; 2) the interrelationships in the world of life and the chemical and physical processes involved; 3) the skills necessary for utilizing and maintaining the equipment and instruments for science; 4) how to incorporate more applied science to the real world; and 5) several occupational fields in the sciences.

3101 Physical Science 1-2 (Full Year)
3102

Credit: ½ credit per semester

Fee: \$10.00

Prerequisites: Completion of Biology 1-2

This one-year course is intended to reinforce physical science concepts and is intended as a second year science course and to help students be prepared for the Nevada High School Proficiency Exam. It uses physical science as a process for critical thinking and problem solving. This course is designed to cover the study of the physical science standards for chemistry and physics, and the earth and space science standards. The nature of science standards are embedded throughout this course. This course meets high school graduation requirements for science and college entrance requirements for laboratory science.

Upon successful completion of Physical Science, students will understand 1) heat and energy transfer in and out of the atmosphere and influence weather and climate; 2) scientific theories of origins and evolution of the universe; 3) evidence for processes that take place on a geologic time scale; 4) atomic structure explains the properties and behavior of matter; 5) the interactions between force and motion; and 6) there are interactions between matter and energy.

Students who have successfully completed Physical Science 1-2 **may** receive credit for taking Chemistry; however, students who have successfully completed Chemistry **may not** receive subsequent credit for Physical Science 1-2.

3201 Chemistry 1-2 Honors (Full Year)
3202

Credit: ½ credit per semester

Fee: \$15.00

Prerequisites: Completion of Biology 1-2 with a C or better and completion of Algebra 1 with B or better.

Recommended: Concurrent Enrollment in Geometry or higher.

This one-year honors course is intended as a second year course for those students who have successfully completed Biology 1-2 or Honors Biology 1-2; or as a third year course for those students who have successfully completed Physical Science 1-2; and have successfully completed Algebra 1-2. This course is designed to cover concepts and theories relating to the scientific field of Chemistry and includes the properties, composition and reactions of substances; the behaviors of solids, liquids and gases; chemical formulas and equations; acid/base and oxidation-reduction reactions; and atomic structure are explored. This course meets high school graduation requirements for science, Gateway requirements, and college entrance requirements for laboratory science.

Upon successful completion of Chemistry, students will understand fundamentals concepts of chemistry including: 1) the atom; 2) periodicity; 3) stoichiometry; 4) properties of gases; 5) liquids and solutions and acids and bases; and 6) chemical energetic and bonding.

Students who have successfully completed Chemistry **may not** receive subsequent credit for Physical Science 1-2.

3111 Environmental Science 1-2 (Full Year)

3112

Credit: ½ credit per semester

Fee: \$10.00

Prerequisites: Two years of science; credit earned in Algebra 1.

This one-year course is intended as a 3rd year Gateway course and will investigate various environmental issues in the local and/or regional area(s). The course is designed to cover ecosystems, the processes of natural selection, conservation, threats to our environment, and alternative energy sources. This course meets high school graduation requirements for science, Gateway requirements, and college entrance requirements for laboratory science.

Upon successful completion of Environmental Science, students will: 1) develop a recognition of the flow of matter and energy between living things and their environment; 2) explore the relationships between living things and their environment and how life has evolved over time; 3) develop an understanding of the problems faced by political systems and communities in regulating industry and land use planning; 4) recognize the relationship between societal structure and its impacts on resources; and 5) explore the methods of environmental decision making and the use of cost benefit analysis.

3241 Physics 1-2 (Honors) (Full Year)

3242

Credit: ½ credit per semester

Fee: \$20.00

Prerequisites: Successful completion of Biology 1-2 and Chemistry 1-2 with a “C” or better and successful completion of Algebra 1 and Geometry or higher with a “C” or better.

Requisites: Concurrent Enrollment in Trigonometry/Pre-Calculus.

This one-year course is intended as a 3rd year Gateway course and will cover the study of motion and energy; and time and space. The course includes concepts in Kinematics, dynamics, energy, static, electricity, wave theory and modern physics. This course is designed to emphasis critical thinking and problem solving using math skills including algebra, geometry, and trigonometry. Students will participate in wide-range of activities including discussions, demonstrations and laboratory exercises. This course will require high levels of reading comprehension, math skills, and problem solving techniques. This course meets high school graduation requirements for science, Gateway requirements, and college entrance requirements for laboratory science.

Upon successful completion of Physics, students will: 1) develop involvement with phenomena in their natural environment; 2) develop appreciation for the contribution of science to daily living; 3) understand and utilize the close relationship between Mathematics and Physics; and 4) deepen their scientific and mathematical thinking.

3261 Human Anatomy and Physiology 1-2 (Honors) (Full Year)
3262

Credit: ½ credit per semester

Fee: \$20.00

Prerequisites: Successful completion of 2 years of science with a “C” or better in each course and successful completion of Algebra 1 and Geometry or higher with a “C” or better.

Requisite: Concurrent enrollment of Trigonometry/Pre-Calculus.

This one-year advanced level course is intended as a 3rd year Gateway course and will cover an introduction to the structural and functional aspects of the human body. This course is for those students interested in medical fields or biological science. The course is designed to cover the structure and function of cells, tissues, organs, and an in-depth look at body systems. Demonstrations and laboratory experience, including dissections are an integral part of the teaching of this course. This course meets high school graduation requirements for science, Gateway requirements, and college entrance requirements for laboratory science.

Upon successful completion of Human Anatomy and Physiology, students will develop:

1) an understanding of the methods and techniques used to study the human body; 2) knowledge of the structure of all systems in the body; 3) an understanding of the functions of all the systems of the human body; 4) an understanding of the role of each body system in maintaining the homeostatic balance of the human body; 5) an awareness of relevant pathologies associated with human body systems; and 6) an awareness of the professional opportunities and requirements in the health sciences and related fields.



SOCIAL STUDIES

A student must complete a minimum of three years (three credits) of social studies to graduate from a high school in Nevada. State standards of study include a chronology from prehistory and the development of human societies through present time.

Course Name	Course #	F = Fall S = Spring Y = Year	GRADE LEVEL COURSE CAN BE TAKEN				Meets Graduation ReQ.	Honors Class	Qualifies for Arts/ Humanities/CTE	Instructor Approval
			9 th	10 th	11 th	12 th				
World History	4101 4102	Y		X	X	X	X			
World History (Honors)	4103 4104	Y		X	X	X	X	X		
US History	4131 4132	Y			X	X	X			
AP US History	4145 4146	Y			X		X	X		X

4101 World History (Full Year) **4102**

Credit: ½ credit per semester

Fee: None

Pre-Requisite: Sophomore status or higher

This course is designed to acquaint students with history of mankind through a study of prehistory to modern civilization.. This course will focus on the economy, social structure, government, religion, culture, and arts of each civilization and nation studied. This course will connect historical events with global current events. Additionally, this course will focus on skills including; timelines, mapping, graphing, researching, and public speaking.

4103 World History – Honors (Full Year) **4104**

Credit: ½ credit per semester

Fee: None

Pre-Requisite: Sophomore standing and English teacher recommendation. Students may be required to purchase additional reading materials for this course.

Honors World History traces the history of mankind from Paleolithic Era to the Modern World. The course will focus on major historical themes and civilizations including classical Greece and Rome, Medieval Europe, the Renaissance and Reformation, development of nation-states, major revolutionary movements, the World Wars, and Modern Middle East. There will be an emphasis on the significance of current events as they apply to history. Students will pursue historical study through primary source readings, research projects, group discussions, and directed readings. In order

to remain in this class, students must follow the "Honors Class Guidelines" listed in this Course Offering Book. This course counts toward an honors diploma.

INSTRUCTION/EVALUATION: Instruction will be through a variety of techniques such as reading assignments, lecture, oral presentation, videos, and projects. Students in the class should anticipate lengthy reading assignments and projects that will require out-of-class time. There may be a summer reading assignment.

4131 US History (Full Year)
4132

Credit: ½ credit per semester

Fee: None

Pre-Requisite: Junior or Senior Status

This course is designed to offer students a survey of cultural, social, economic, and political development of America from discovery to present time. Topic areas covered in this class include the role and contributions of selected leaders; America's participation in world affairs and specific major foreign events such as the world wars; social movements that contributed to the quality of life in America; internal development of this country and the problems faced from formation to present; and a review of major personalities of events that have shaped our history.

4145 AP US History (Full Year)
4146

Credit: ½ credit per semester

Fee: \$87.00*

Pre-Requisite: Junior standing and English 3-4 teacher recommendation. Students may be required to purchase additional reading materials for this course. Please see the "Guidelines for Success in Honors Classes" and Guidelines for Success in AP Classes at the beginning of this guide when considering enrollment.

Please NOTE: This course may not be dropped from a student's course schedule after the last day of school. There may be a summer reading assignment.

Advanced Placement U. S. History is an introductory, college-level course designed to prepare students for the College Board Advanced Placement Examination. This is a one-year course designed for the motivated junior student with excellent reading and writing skills. The course will investigate the economics, politics, social aspects, and cultural developments of America's past, from its discovery to the present time. AP U. S. History is designed to meet the course objectives of survey American History courses at most universities. A variety of instructional techniques will be utilized, and students will be expected to complete advanced reading and writing assignments. This course, if successfully completed, qualifies for honors credit. NOTE: This course is intended to prepare students for the College Board Advanced Placement Exam. Those who enroll in this class will be required to take the exam in May. The approximate cost for an AP exam is \$87.00. (Some financial assistance may be available.)

*\$87.00 AP Exam Fee

SPECIAL EDUCATION

Students must be certified in Special Education in order to be eligible for special education services. Certification is based upon recommendations from teachers, counselors, a school psychologist, administrators, and other related personnel who test and/or evaluate the student. An Individual Educational Plan (IEP) and special course of study is devised for each student in conjunction with the special education teachers, counselor, parent, and student. These services may include direct instruction in a special education classroom, placement in a team supported regular class or inclusion in a mainstream class with collaboration from the special education staff.

Course offerings in Special Education include:

7845 Student Success / Transition Support (Year) **7846**

Credit: ½ credit per semester

Fee: None

Pre-Requisite: IEP placement

This elective credit promotes the development of the leadership and self-determination skills necessary for students to actively participate in the IEP process. Goal setting and goal maintenance skills that support students as they transition from high school to the independent, adult world are emphasized. This curriculum focuses on choice making, decision making, problem solving, communication, self-awareness, self-instruction, and self-advocacy. In addition, student success in regular education classes is promoted by teaching organization, study, and test taking skills.

7843 Project READY (Year) **7844**

Credit: 2 credits per semester

Fee: 3 Ring Notebook

Pre-Requisite: IEP placement, Project Ready application, student must be 15 or turning 15 in the 2010-2012 school year. Students **MUST** provide proof of health insurance or enroll in a student insurance plan through the school district*

Time: 7:30 – 10:30

Project Ready is targeted to students whose main goal is competitive employment. The three goals of Project Ready are:

- to improve students' preparation for post high school employment
- to increase students' daily living skills
- to increase students' knowledge of and access to community resources

The curriculum focus in each goal area is outlined below.

Employment Preparations Skills:

Job Exploration and job seeking

Work habits and attitude

Job Training in a variety job sites throughout the community

Independent Living Skills:

Home and self-care skills

Self awareness, efficacy, and advocacy

Communication and social skills

Community Participation:

Career awareness and exploration

Service learning

Resource awareness

This class is designed to be taken for only one year or repeated for up the three years.

Students will be provided a uniform and will be required to wear the appropriate clothing attire depending on the job site.

*Job sites in our community require students to have some form of health insurance. If the student does not have private health insurance he/she will need to enroll in the free accidental insurance plan offered by the school district. Accidental insurance enrollment forms will be provided to students the first week of class.

Transportation will be provided from the student's home and back to their zoned high school at the end of class.

A Washoe County School District Options Program

What is an Options program?

An option programs is a school or program that offers an alternative or enhancement for traditional comprehensive high school and ways to earn supplemental credit. In WCSD, these include:

Washoe High School

TMCC High School

WOLF

Supplemental Credit

Academy of Arts, Careers & Technology

In options programs, the following *Basic Understandings* apply:

- 1) Acceptance is based on a criteria set by the program.
- 2) Attendance is a privilege that can be revoked by the school or district based on criteria set by the program.
- 3) Transportation will be available depending on district funding.
- 4) Student attending options programs have the ability to participate in athletics at their zoned high schools. Students **may not** seek a variance to a school other than their zoned high school while attending a full-time options program for the purpose of participating in athletics.

Acceptance

- 1) All accepted students are provisionally accepted, dependent upon their final grades, attendance, credit accrual, and behavior, for the semester prior to attendance at AACT.
- 2) Acceptance is for one school year only. All students must reapply each school year.
- 3) Students must continue to meet the grade, credit, attendance and behavior requirements in order to be accepted in subsequent years.

Attendance is a privilege

- 1) The privilege of attending AACT is revocable at any time. Reasons for terminating attendance may include, but are not limited to, parent interaction, poor attendance, unsatisfactory behavior/conduct, transportation difficulties, poor academic or CTE performance.

Commitment

Available spaces for student attendance at AACT are limited and highly competitive. Students and parents accepting one of those available spaces are expected to make a commitment to remain enrolled through the conclusion of the school year.

1. I certify that we have read and fully understand the **Basic Understandings** of the Options programs, as well as the **Understandings of Acceptance and Attendance** for AACT.
2. I understand that, by accepting the opportunity to attend AACT for the 2011-12 school year, my student and I are committing to stay at **AACT through the conclusion of the school year.**
3. Under the guidelines presented in the **Understandings**, my student, _____, is accepting the opportunity to attend AACT for the 2011-2012 school year.

Yes No

Print Student Name: _____

Parent/Guardian Signature _____

Student Signature _____

Date _____