

Southwest

Career and Technical Academy

Course Catalog

2012-2013



Professional Service Academy

Design Academy

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Mission, Goals, Beliefs

Mission Statement

Our mission is to challenge students to attain knowledge, develop character, acquire skills, demonstrate responsible work ethics, and prepare for the 21st century.

Beliefs: Our beliefs are based on the attributes of Academic Knowledge, Character, Skills, Work Ethic, and Preparation.

Academic Knowledge

All students can learn and become self-directed, life-long learners.

- 1 Academic knowledge
- 2 Life-long learner
- 3 Self-directed learner
- 4 Pursuit of excellence

Character:

All students can be socially responsible leaders in the classroom and work environment, exhibiting a mutual respect and appreciation for others.

1. Appreciate diversity
2. Socially responsible
3. Leadership
4. Civic-minded
5. Health conscious

Skills:

All students can achieve higher-level/critical thinking through innovative and creative problem-solving, decision-making, and communication skills.

1. Higher-level/Critical thinking
2. Innovation/Creativity
3. Problem-solving
4. Decision-making
5. Communication

Work Ethic:

All students are accountable and responsible for their education and must learn flexibility and adaptability by professionally cooperating and collaborating with others.

1. Accountable/Responsible
2. Flexible/Adaptable
3. Cooperation/Collaboration
4. Professionalism

Preparation:

All students will be career-ready and technologically literate in order to compete globally as post-secondary individuals.

1. Career-Ready
2. Compete globally
3. Technologically literate

Learning Outcomes:

1. Students will demonstrate the attainment of academic knowledge.
2. Students will utilize all communication skills appropriately.
3. Students will acquire entry-level skills to support post-secondary education.
4. Students will develop adaptive, critical thinking skills to be effective problem solvers.
5. Students will exhibit creativity and innovation.
6. Students will be culturally aware and economically literate in a global society.
7. Students will demonstrate ethics and social responsibility in a healthy, collaborative, and professional environment.
8. Students will demonstrate technology literacy.

Registration Procedures

The courses that will be offered at Southwest Career and Technical Academy during the 2012-2013 school year are selected by students during spring preregistration. During final registration, if an adequate number of students are not enrolled in a course, it will be cancelled and students will be rescheduled into their alternate elective choices.

Course Selection Tips

It is recommended that the following course selection tips be followed:

- Select classes with great care.
- Read the description of the class very carefully.
- Pay special attention to the following:
 - ❖ Course prerequisites
 - ❖ Required classes
 - ❖ Possible fees
- Discuss your course of study with your parents/guardians.
- Select at least **four** alternatives for your electives by order of importance. If you do not select elective courses, they will be selected for you.
- Earn additional credit over the required minimum.
- Seek the help of your counselor and parents to finalize your schedule.

Schedule Change Policy

The master schedule for all classes offered is the end result of months of planning, student/parent opportunities for guidance, student choices for classes, and staffing needs of the school. As a consequence of this extensive planning, schedule changes will not be made after registration. Class changes will not be granted to accommodate a change in a student's lunch period or to request a specific instructor. Due to the requirement of the number of hours needed to earn credit prescribed by the Nevada State Department of Education, no student may change or withdraw from a class after the first 15 days of the semester. Students who withdraw from a class after the 15 day limit will receive a failing grade on the semester transcript as part of their permanent record. Request for schedule changes are considered only during the first 15 days of the semester and are granted only for the following reasons:

- Minimum competency preparation for the Nevada High School Proficiency Examination.
- Graduation requirements.
- Misplacement in an academic area according to ability.
- Successful completion of external / concurrent credit course.

The administration may, due to increased/decreased enrollment and staff changes, balance classes by transferring students from one class and/or teacher to another section of the same class. Every effort will be made to ensure a smooth transition for students. Students will be expected to remain in year-long courses for the entire school year. Exceptions (graduation requirements, misplacement) will be handled through regular schedule change procedures.

Project-Based Learning and the Six Tenets

The Southwest Career and Technical Academy is dedicated to assessing student learning and achievement through Project-Based Learning (PBL). The Southwest CTA uses six tenets, or beliefs, to assess student performance during each PBL assessment. These tenets will be the basis of grading during each PBL project. The six tenets are as follows:

- Content Knowledge
- Work Ethic
- Use of Resources
- Teamwork and Collaboration
- Professional Presentations
- Writing Skills

Academic Letter

Academic letters are awarded to students receiving all “A” grades for both semesters during one academic year. For each subsequent year, the student meeting the Academic Letter requirement will receive a bar to attach to his/her Academic Letter.

Return to Zoned School Policy

Students who accept enrollment and elect to attend Southwest career and Technical Academy are required to remain enrolled throughout the full school year. Students may choose to return to their zoned school **ONLY** at the conclusion of the school year

Code of Honor

Nevada Department of Education

There is a clear expectation that all students will perform academic tasks with honor and integrity, with the support of parents, staff, faculty, administration, and the community. The learning process requires students to think, process, organize and create their own ideas. Throughout this process, students gain knowledge, self-respect, and ownership in the work that they do. These qualities provide a solid foundation for life skills, impacting people positively throughout their lives. Cheating and plagiarism violate the fundamental learning process and compromise personal integrity and one’s honor. Students demonstrate academic honesty and integrity by not cheating, plagiarizing or using information unethically in any way.

What is cheating?

Cheating or academic dishonesty can take many forms, but always involves the improper taking of information from and/or giving of information to another student, individual, or other source. Examples of cheating can include, but are not limited to:

- Taking or copying answers of an examination or any other assignments from another student or other source
- Giving answers on an examination or any other assignment to another student
- Copying assignments that are turned in as original work
- Collaborating on exams, assignments, papers, and/or projects without specific teacher permission
- Allowing others to do the research or writing for an assigned paper
- Using unauthorized electronic devices
- Falsifying data or lab results, including changing grades electronically

What is plagiarism?

Plagiarism is a common form of cheating or academic dishonesty in the school setting. It is representing another person's works or ideas as your own without giving credit to the proper source and submitting it for any purpose. Examples of plagiarism can include, but are not limited to:

- Submitting someone else's work, such as published sources in part or whole, as your own without giving credit to the source
- Turning in purchased papers or papers from the Internet written by someone else
- Representing another person's artistic or scholarly works such as musical compositions, computer programs, photographs, drawings, or paintings as your own
- Help others plagiarize by giving them your work

All stakeholders have a responsibility in maintaining academic honesty. Educators must provide the tools and teach the concepts that afford students the knowledge to understand the characteristics of cheating and plagiarism. Parents must support their students in making good decisions relative to completing coursework assignments and taking exams. Students must produce work that is theirs alone, recognizing the importance of thinking for themselves and learning independently, when that is the nature of the assignment. Adhering to the Code of Honor for the purposes of academic honesty promotes an essential skill that goes beyond the school environment. Honesty and integrity are useful and valuable traits impacting one's life.

Questions or concerns regarding the consequences associated with a violation of the Code of Honor may be directed to the Southwest Career and Technical Academy administration and/or the school district.

STATEMENT OF NONDISCRIMINATION

The Clark County School District does not knowingly discriminate against any person on the basis of race, color, creed, religion, national or ethnic origin, sex, age, or disability in admission or access to, or treatment or employment in, or participation in its programs and activities.

CCSD GUIDANCE & COUNSELING WEBSITE

The Guidance and Counseling Web site is designed to provide students and parents with information on counseling services provided by the school district. It also serves as a support reference for preparing students for their future educational decisions regarding post secondary planning. Starting with elementary school, parents and students are able to review a checklist of activities on "How to Support your Child's Education". These activities will assist with school success and will also prepare your children for college, apprenticeships, trade and technical schools, military opportunities, or to go directly to work. For details visit: www.ccsd.net, select Guidance and Counseling from the student selection for the information.

HIGH SCHOOL GRADUATION REQUIREMENTS

There are several types of diplomas students can earn at Southwest Career and Technical Academy. Each diploma's requirements are explained in this section.

COUNSELING OFFICE

To assist in meeting the student's college and career goals, academic counselors are available to advise parents and students on course selection. In addition, information on colleges, universities, technical institutes, student financial

aid (including grants and scholarships), apprentice programs, etc. are available. Conferences with the student's counselor may be scheduled by calling the counselor's secretary, 799-5766, extension 4300.

TEACHER RECOMMENDATIONS

Teacher course recommendations for math, science, social studies, English, Spanish and program classes are on the registration form or via ParentLink.

PREREQUISITES

Prerequisites are listed in this course catalog to help students and parents decide on courses for next year. Both semesters of a prerequisite course **must be successfully completed**. Students may repeat a course for no additional credit in order to meet prerequisite requirements. Registration schedule adjustments will be made automatically should prerequisites not be met during the second semester.

ADVANCED HONORS DIPLOMA

The following subjects are required to meet the Advanced Diploma requirements:

Students planning to apply to universities with competitive admission requirements may pursue the CCSD Advanced Honors Diploma. The Advanced Honors Diploma requires additional rigorous coursework beyond those required for the Advanced Diploma. Students will be required to fulfill the 24.0 credit Advanced Diploma requirements (including 4-years of mathematics, 3-years of science and an additional Arts/Humanities or Career and Technical Education course) and must complete the Honors, International Baccalaureate (IB), or Advanced Placement (AP) courses required of the Honors Course Program. Students must achieve a minimum of a 3.25 unweighted GPA and 3.85 weighted GPA.

ADVANCED HONORS DIPLOMA		
Required/Elective Areas of Study	Advanced Diploma Units	Honors Course Program Units
English	4	3
Mathematics	4	2
Science	3	2
Social Studies (must earn all 3 credits)	3	2
World History or Geography (2011)		
U.S. History		
U.S. Government		
Physical Education	2	
Health	½	
Use of Computers	½	
Arts/Humanities or Occupational Ed. Elective	1	
Electives	6	3*
TOTAL	24	

*Must include one Honors Foreign Language Course. First year foreign language classes will not receive Honors credit.

Student must achieve a minimum 3.25 unweighted GPA and a minimum 3.85 weighted GPA.

Weighted Honors Courses

Students will earn a weighted grade point factor for successful completion of Honors, Advanced Placement (AP), and International Baccalaureate (IB) courses will be added as follows:

Honors	.025
Advanced Placement (AP)	.050
International Baccalaureate (IB)	.050

The weighted GPA cap for the Honors Program for students will be added as follows:

- The weighted GPA cap for the Honors Program is no more than twenty-eight semesters (14 classes) of Honors/AP/IB courses.
- Students will receive a weighted grade point factor of .050 for four semesters (2 classes) of AP and/or IB courses and will also receive a weighted grade point factor of .025 for twenty-four semesters (12 classes) of Honors courses.
- Students who choose to enroll in only Honors level courses will receive a weighted grade point factor of .025 for twenty-eight semesters (14 classes) of Honors courses.
- The highest possible GPA under this system is 4.80.

Advantages of the Honors Course Offerings

- Most competitive colleges and universities consider not only students' grades, but also their academic background evidenced by courses listed on the transcript, letters of recommendation from teachers and counselors, and SAT I or ACT scores.
- Enrollment in the Honors Program will assist students in their preparation for college entrance exams.
- The weighted GPA is used when determining ranking in class.

Students may take Honors courses even if they have not chosen to complete the requirements for the Advanced Honors or Honors Diploma.

ADVANCED DIPLOMA

Starting with the Class of 2010 and beyond

The following subjects are needed to meet graduation requirements:

ADVANCED DIPLOMA	
Required/Elective Areas of Study	Units
English	4
*Mathematics	4
Science	3
World History or Geography (2011)	1
U.S. History	1
U.S. Government	1
**Physical Education	2
Health	½
***Use of Computers	½
Arts/Humanities or Occupational Education	1
Electives	6
TOTAL	24
Student must achieve a minimum 3.25 unweighted GPA.	

*Mathematics course units must include at least Algebra I or Algebra I H, or Applied Algebra I A and I B, or above.

** A maximum of ONE credit for Physical Education II will be granted if a student participates outside of the school day in interscholastic athletics or on a drill team, marching band, dance group, or cheerleading squad.

***Satisfactory completion of a semester computer literacy course offered in grades 6, 7, or 8 will meet the requirement for the use of computers.

To receive a diploma from a Nevada high school, students must pass the Nevada High School Proficiency Examination in addition to meeting course requirements. Students in the Class of 2010 and beyond must pass reading, writing, math, and science. Any student who completes course requirements but does not pass the Nevada High School Proficiency Examinations will receive a Certificate of Attendance rather than a diploma.

STANDARD DIPLOMA

Starting with the Class of 2010 and beyond

The following subjects are needed to meet graduation requirements:

STANDARD DIPLOMA	
Required/Elective Areas of Study	Units
English	4
*Mathematics	3
Science	2
World History or Geography	1
(2011)	1
U.S. History	1
U.S. Government	2
**Physical Education	½
Health	½
***Use of Computers	7½
Electives	
TOTAL	22 ½

*Mathematics course units must include at least Algebra I or Algebra I H, or Applied Algebra I A and I B, or above.

**A maximum of ONE credit for Physical Education II will be granted if a student participates outside of the school day in interscholastic athletics or on a drill team, marching band, dance group, or cheerleading squad.

***Satisfactory completion of a semester computer literacy course offered in grades 6, 7, or 8 will meet the requirement for the use of computers.

To receive a diploma from a Nevada high school, students must pass the Nevada High School Proficiency Examination in reading, writing, math, and science in addition to meeting course requirements. Any student who completes course requirements but does not pass the Nevada High School Proficiency Examinations will receive a Certificate of Attendance rather than a diploma.

21st CENTURY COURSE OF STUDY EXPECTATIONS

The Clark County School District expects all students to meet the requirements of the 21st Century Course of Study. In addition to the three years of mathematics and two years of science necessary to graduate with a high school standard diploma students will be scheduled into a fourth year of mathematics, which will include Algebra II, and a third year of science, which will include Biology. Although the graduation requirements for a standard diploma will not change, the school district expects its students to be competitive in higher education and the workforce, and to be prepared to take full advantage of what the world has to offer beyond high school.

The Clark County School District believes that all students must be prepared for the following post-secondary opportunities:

- University/Four-Year College
- Community/Two-Year College
- Trade/Technical School
- Workforce

21st CENTURY COURSE OF STUDY EXPECTATIONS

Areas of Study	Units
English	4
Mathematics (Includes Algebra II)	4
Science (Includes Biology)	3
	1
World History or Geography (class of 2011)	1
U.S. History	2
U.S. Government	½
Physical Education	½
	5 ½
Health Education	
Use of Computers	22 ½
Electives (Includes one Arts and Humanities or Career and Technical Education course)	
Total	

The 21st Century Course of Study provides the following for students:

- Opens Doors to Post-Secondary Education and Workforce Opportunities
- Meets Nevada System of Higher Education (NSHE) University Admissions
 - Grade Point Average (GPA) and Core Curriculum Requirements are:
 - 3.00 GPA (weighted or unweighted) **in the core curriculum**
 - Approved NSHE Core Curriculum (4 English, 3 Math – including Algebra II, 3 Natural Science, 3 Social Science & History = 13 units)
- Prepares Students for the Governor Guinn Millennium Scholarship
 - GPA and Core Curriculum Requirements are:
 - 3.25 **cumulative** GPA (weighted or unweighted) **and the core curriculum**
 - Approved NSHE Core Curriculum (4 English, 4 Math – including Algebra II, 3 Natural Science, 3 Social Science & History = 14 units)

VALEDICTORIAN AND SALUTATORIAN

Valedictorian status is awarded to the student(s) earning the highest grade point average in the graduating class. Salutatorian status is awarded to the student(s) earning the second highest grade point average in the class. Candidates for the valedictorian/salutatorian designations will be identified at the end of the fall semester of their senior year. The final ranking will be based on any and all completed high school credit granting courses, including those courses which receive the weighted grade point factor (GPA).

GOVERNOR GUINN MILLENNIUM SCHOLARSHIP PROGRAM

The State of Nevada's Governor Guinn Millennium Scholarship Program provides financial support to Nevada's high school graduates who plan to attend an eligible Nevada community college, state college, or university. You may receive up to a maximum award of \$10,000 for undergraduate coursework during the six years following your high school graduation. There is no application form to complete. If you meet all Millennium Scholarship requirements upon high school graduation, the district will submit your name at the end of June to the Office of the State Treasurer. You will receive an award notification mid to late July. Policy guidelines and requirements for eligibility can be obtained

by calling 1-888-477-2667 or at www.nevadatreasurer.gov. Please note that this information is subject to any changes in state law, policies adopted by the NSHE Board of Regents, availability of funding, and any related matters hereto.

FOUR YEAR ACADEMIC PLAN

An on-line four year Academic Plan will be implemented with all freshmen students and updated each year thereafter. This plan sets forth specific educational goals that students intend to achieve before graduation. Academic plans include the designation of a career pathway, a four year high school course of study, and post secondary planning.

This plan includes students and parents:

- Working in consultation with a school counselor to develop the academic plan
- Signing the academic plan
- Reviewing the plan yearly and revising when necessary

The academic plan will be used as a guide to manage the student's educational development and course selection in alignment with an identified course of study. The plan is easily accessible through the CCSD website at eduplan.ccsd.net for regular review and revision as necessary. Regular examination throughout high school will assist students in preparation for adulthood in the 21st Century.

COLLEGE READINESS ASSESSMENTS

All Clark County School District students will take the PSAT at no cost (pending final budget allocations) during the sophomore year to provide data that will assist in determining the student's potential success in Advanced Placement (AP) courses. Taking the PSAT in the sophomore year also prepares the student for the SAT. The PSAT taken as a junior (at the cost of the student) is used to identify National Merit Scholarship Semi-finalists. Students planning to attend college may also prepare for the ACT entrance exam by taking the PLAN test during his/her sophomore year. The final stage of pre-college testing involves taking the ACT and/or SAT in the spring of the student's junior year, as most four-year colleges/universities require either test for admission. In addition, some colleges/universities require a minimum score on the SAT and/or ACT to determine placement in freshman English and math courses. Finally, some universities determine scholarship eligibility on ACT and/or SAT results.

Note: It may be necessary to retake the ACT and/or SAT to increase the student's score. This may enable a student to avoid placement in a remedial math and/or English college course. Remedial courses at Nevada State colleges/universities provide no college credit and are not paid for by the Millennium Scholarship program.

DUPLICATE COURSE WORK – REPEATING COURSES

CCSD Policy states: "All students may repeat courses. Additional credit will not be granted; the higher grade will be recorded in the course history and the lower grade replaced with a repeated course notation (RP)."

REQUIRED HIGH SCHOOL STUDENT CLASS LOAD

The State of Nevada, NAC 387.345, requires all high school students be enrolled as follows:

- Ninth, tenth, and eleventh grade students must be enrolled in six classes or the equivalent of six periods per day,

- Twelfth grade students must be enrolled in four classes or the equivalent of four periods per day. **[Seniors must take two classes per day on the block schedule.]**

Please Note: Although Concurrent Courses, Distance Education, Dual Credit, External Courses, and Work Experience are considered equivalent coursework, students must receive **prior approval** of the counselor and administration.

PHYSICAL EDUCATION II WAIVER CREDIT

A maximum of ONE Physical Education II Waiver credit may be earned toward graduation. Students are required to participate in and complete one of the school-sponsored activities listed below.

Baseball – Varsity, Junior Varsity	Soccer – Varsity, Junior Varsity
Basketball – Varsity, Junior Varsity, B-Team	Softball – Varsity, Junior Varsity, B-Team
Bowling	Songleaders/Flags/Mascots
Cheerleaders – Varsity, Junior Varsity, B-Team	Swimming – Varsity
Cross Country – Varsity	Tennis – Varsity
Football – Varsity, Junior Varsity, B-Team	Track – Varsity
Golf – Varsity	Volleyball – Varsity, Junior Varsity, B-Team
Marching Band	Wrestling – Varsity, Junior Varsity

Team Managers are not eligible for the P.E. II Waiver; however, they may be eligible for Community Service credit.

NCAA INITIAL ELIGIBILITY REQUIREMENTS

In order to participate in collegiate athletics, students must register with the NCAA Clearing House (www.eligibilitycenter.org). This should be initiated in the student's junior year. For the Class of 2008 and beyond, students must attain a minimum grade point average in 16 core courses for Division I and 14 core courses for Division II as listed below; and earn a combined ACT or SAT sum score that matches the core course GPA (see Academic Eligibility requirements in the Guide for the College-Bound Student-Athlete).

<u>Required Courses*</u>	<u>Division I</u>	<u>Division II</u>	<u>Division II (2013 & beyond)</u>
English	4	3	3
Mathematics (Alg I or higher)	3	2	2
Science (minimum 1 lab science)	2	2	2
Additional In Above	1	2	3
Social Studies	2	2	2
Additional Core Courses**	4	3	4

*Remedial, special education, compensatory or related courses do not qualify for initial eligibility.

**From any core area, foreign language, non-doctrinal religion or philosophy. Computer science courses can no longer be used unless taught through math or science departments, receive math or science credit, and are on the school's list of approved math or science core courses.

CLARK COUNTY SCHOOL DISTRICT ATHLETIC ELIGIBILITY

Initial Eligibility – General Requirements

1. Must be enrolled in grades 9 – 12.

2. Must reside in the school of participation' attendance zone. Career and Technical Academy students may continue to participate for their zoned school.
3. Must be enrolled in a minimum of two units of credit per semester and regularly attend school.
4. Must have passed a minimum of two units of credit the immediate preceding semester with a minimum grade point average of 2.0. A student may earn a maximum of one unit of external credit (summer school, correspondence, etc.) to improve a previous semester deficiency.
5. Transfer students are automatically presumed ineligible. Rebuttal of presumption of ineligibility guidelines are contained in Nevada Interscholastic Activities Association regulations (NAC 386.785 – 386.799).

Maintenance of Eligibility

1. Must maintain passing grades in all subjects during the current athletic season.
2. Must regularly attend school. Must be in school in order to participate in practice or games on any given day.
3. Must maintain positive citizenship. Students on RPC or suspension are not eligible to participate. Serious and/or chronic behavior infractions may result in suspension of athletic participation for up to one year, at the discretion of the principal.

Additional specific eligibility guidelines are contained in Nevada Interscholastic Activities Association regulations (NAC 386.776 – 386.855) and Clark County School District regulation 5135.

CONCURRENT CREDIT OPTIONS

Students may earn credits beyond the regular school day by enrolling in any of the approved concurrent programs. There is no limit to the number of concurrent credits a student may earn. See your counselor for more information on the following concurrent programs:

- **Academy of Individualized Study (AIS)** - For specific information, including fees, call 702-799-8636 extension 325 or check out the AIS website at: www.ccsd.net/schools/ais.
- **Adult Education** - For specific information on this program, call (702) 799-8650 extension 317 or visit www.ccsd.net/edservices/programs/adulted.html for more information.
- **Sunset High Schools/Programs** - Call (702) 855-9775 for more information or visit www.ccsd.net/edservices/programs/crprogramsgeneral.htm.
- **Virtual High School Distance Education** - To preview courses available, visit the web site at: www.ccsdde.net, call the office at 855-8435, or see your high school counselor.
- **Summer School** - Students may earn a maximum of two credits per summer. Classes are offered at various high schools during the summer. A fee is required, and students must provide their own transportation. Registration information is available in the counseling office in the spring. Additional information is available at www.ccsd.net/summer.

EXTERNAL CREDIT OPTIONS

Students currently enrolled in a Clark County high school may earn a maximum of six external credits toward graduation. External credits are credits earned beyond the regular school day. No external credit will be granted without prior approval and completion of the appropriate application.

See your counselor for prior approval and applications for the following External Credit options:

Community Service Credit	A maximum of one credit may be earned for students who complete 120 hours of volunteer service with an approved community agency. One-half credit may be earned for 60 hours of service; court mandated hours do not count for Community Service credit.
Correspondence Courses	Credits may be earned for courses completed by mail or online from approved institutions. Fees vary from \$100 to \$120 per half credit plus books. Students must conform to the procedures set by the credit granting institution.
Credit By Exam	Students may earn credit by earning a score of 80% or better on an examination for a course they have not taken previously or are not enrolled in currently. A fee of \$40 is required for a semester credit, and the exam must be taken within 2 months of application. Seniors must complete exams by the end of the third nine weeks.
Dual Credit	High school credit can be earned for approved college or university courses not offered at the student's school of enrollment. A three credit college/university course equals one-half unit of high school credit.
Educational Travel Credit	A maximum of one credit may be granted to students who keep a journal while traveling for 42 consecutive days or 1/2 credit for 21 consecutive days. Students must submit their completed journals for evaluation to determine credit.
Enrichment Program Credit	Students may receive credit for academically accelerated courses taken at accredited institutions.
Music Equivalent Credit	A maximum of one credit may be granted to students participating in a music program not offered by the Clark County School District. Credit granting is monitored by the CCSD Department of Fine Arts. Specific application forms must be submitted along with a fee. Call 799-8531 for more information.

ADVANCED PLACEMENT (AP) PROGRAM

The Advanced Placement (AP) Program is a cooperative educational endeavor with the College Board in Princeton, New Jersey. Through this program, students in high school take courses that have been developed with college-level material and expectations.

Since the curriculum goes into more depth than the regular courses, there is a greater opportunity for individual progress and achievement. It will require more work and study time than regular high school courses.

The Advanced Placement examinations are given each May. All examinations consist of an essay or problem-solving section and a series of multiple-choice questions. **It is expected that each student take the exam for each AP course in which he or she is enrolled. The approximate cost of \$80.00 per exam is due in March.** Students who are not able to pay for exams should see their counselor for possible fee waivers. The College Board grades the exams and scores are given on the following basis:

- One: No recommendation
- Two: Possibly Qualified
- Three: Qualified
- Four: Well Qualified
- Five: Extremely Qualified

In many cases, universities will award college credits for a score of THREE, FOUR, or FIVE on an AP exam. Awarding of college credits is at the discretion of each university.

TESTING PROGRAM

- **AP EXAMS:** The College Board Advanced Placement exams for numerous disciplines are given in May of each year. It is expected that all students enrolled in an AP course will be taking the corresponding AP exam. There are financial waivers available for students needing assistance.
- **ASVAB TEST:** The Armed Forces Vocational Aptitude Battery is available to interested students in grades 10-12. It is an excellent test for career planning, as well as the military personnel using it for placement purposes. This test is voluntary and students may sign up in the Counseling Office.
- **LAS:** The Language Acquisition Skills Assessment is given annually to all students who indicate at enrollment, that another language is spoken in the home besides English. The test is two-part and is used to place students in appropriate language-assisted programs. This test is a **mandatory** part of the CCSD testing program.
- **PLAN:** This test is designed to prepare students for the ACT exam. It is recommended for students in the 10th grade.
- **PSAT:** The Preliminary Scholastic Aptitude Test is given to **ALL** 10th grade students at no cost to the student. 11th grade students must pay for their exam; however, fee waivers are available. CCSD will use the 10th grade data to determine a student's potential success in AP courses. It also prepares the student for the SAT test. To be eligible for the National Merit Scholarship program, students must take the PSAT during their 11th grade year. This is a **mandatory** part of the CCSD testing program for the 10th grade and voluntary for the 11th grade.
- **NHSPE:** The Nevada High School Proficiency Exam is **MANDATORY** for all students to receive a high school diploma. Students, who do not pass the NHSPE, may participate in graduation ceremonies, but will receive a Certificate of Attendance rather than a diploma. Students in the Class of 2009 will need to pass Reading, Math, and Writing. The Class of 2010 and beyond will need to pass Reading, Math, Science and Writing.
 - ❖ 10th grade - Spring - Will take the Reading, Math and Science exam
 - ❖ 11th grade - Fall - Will take the Writing exam. Spring - Second try at Reading, Math, and Writing exams
 - ❖ 12th grade - Fall - Winter - Spring - Summer - Repeat attempts to pass any exam

- ❖ Graduates - For one year, students who receive a Certificate of Attendance may return to their home school to take the test again following the 12th grade schedule. When they successfully pass the NHSPE, they will exchange a Certificate of Attendance for a diploma.
- ➔ **SAT AND ACT:** The final stage of pre-college testing involves taking the ACT and/or SAT in the spring of the student's junior year. Most four-year colleges/universities require either test for admission. In addition, some college/universities require a minimum score on the ACT and/or SAT to determine placement in freshman English and math courses. Finally, the NCAA and some college/universities require the ACT and/or SAT to determine scholarship eligibility. The tests are given on specific Saturdays throughout the school year. Students can obtain application packets in the counseling office or online.

RELEASE OF STUDENT DIRECTORY INFORMATION

The CCSD releases directory information, which is information not generally considered harmful or an invasion of privacy if disclosed (Regulation 5125.1). This information will be made available to qualified agencies upon request. Qualified agencies include, but are not limited to public colleges and universities, Nevada State Treasurer's Office, and the military branches. Federal No Child Left Behind legislation requires that all branches of the military have access to directory information upon request.

The term "directory information" means one or more of the following items: Student name, address, telephone number, date and place of birth, school attended, grade level, participation in officially recognized activities and sports, weight and height of members of athletic teams, and degrees and awards received.

Parents have the right to have directory information restricted upon request. If parents prefer to restrict the release of their child's directory information, they may sign a Restrict Release of Student Information form that is available in the Registrar's office.

MATRICULATION OF STUDENTS

Grade classification for high school students will be determined by years in school, not on credit earned. Students will be classified to the next grade level at the end of each school year.

2+2 TECH PREP

2+2 Tech Prep allows the opportunity to earn college credit for approved high school courses. The courses are career and technical courses taught during the student's junior and senior year. After graduation, the student may earn credits toward a degree at the community college or a university or four-year college.

This program will allow the student to begin earning college credit for a fraction of the cost while still being enrolled in high school. To enroll in the 2+2 Tech Prep Program, you must:

- Be a high school junior or senior.
- Complete an eligible career and technical course at your high school with a grade A or B and satisfy specific course competencies.
- Fill out a Tech Prep admissions form from your local community college.
- No fee required.

ENGLISH DEPARTMENT

Course	Course Description	Prerequisites
English 9 43000	This one-year course (<i>Foundations in Composition and the Elements of Text</i>) provides instruction in the English Language Arts strands identified by the Common Core State Standards as reading, writing, speaking and listening, and language. This course is designed to build on knowledge and skills acquired in earlier grades but in more sophisticated ways such as mastering the language, structure, and rhetoric of text; completing more complex writing assignments; reading and analyzing a range of literary and informational discourse, both classic and contemporary; delivering more extensive oral presentations; and participating in a variety of conversations and collaborations with peers. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology and digital media are integral parts of this course. This course fulfills one of the English credits required for high school graduation.	8 th grade teacher recommendation
English 9 Honors 43004	This one-year course (<i>Foundations in Composition, Language, and the Elements of Text</i>) provides instruction in the English Language Arts strands identified by the Common Core State Standards as reading, writing, speaking and listening, and language. This course is designated as honors level by the accelerated instructional pacing and depth of content. This course is designed to build on knowledge and skills acquired in earlier grades but in more sophisticated ways such as mastering the language, grammar, structure, and rhetoric of text; completing more complex writing assignments; reading and analyzing a range of literary and informational discourse, both classic and contemporary; delivering more extensive oral presentations; and participating in a variety of conversations and collaborations with peers. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology and digital media are integral parts of this course. This course fulfills one of the English credits required for high school graduation.	8 th grade teacher recommendation
English 10 43100	This one-year course (<i>Composition and Themes in Global Text</i>) provides instruction in the English Language Arts strands identified by the Common Core State Standards as reading, writing, speaking and listening, and language. This course focuses on traditional (e.g., argument, persuasion, expository), technical, and creative modes of composition. Through the study of themes found universally in global text, both literary and informational, instruction emphasizes not only critical analysis of text, but also writers' historical, philosophical, cultural, and ethical perspectives. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology and digital media are integral parts of this course. This course fulfills one of the English credits required for high school graduation.	Completion of English 9, teacher recommendation
English 10 Honors 4310H	This one-year course (<i>Composition and Themes in Global Text</i>) provides instruction in the English Language Arts strands identified by the Common Core State Standards as reading, writing, speaking and listening, and language. This course is designated as honors level by the accelerated instructional pacing and depth of content. This course focuses on traditional (e.g., argument, persuasion, expository), technical, and creative modes of composition. Through the study of themes found universally in global text, both literary and informational, instruction emphasizes the critical analysis of text and writers' historical, philosophical, cultural, and ethical perspectives. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology and digital media are integral parts of this course. This course fulfills one of the English credits required for high school graduation.	Completion of English 9 / English 9 Honors, teacher recommendation; Recommended for the college-bound student.

<p>English 11 4320</p>	<p>This one-year course (<i>Composition and Themes in American Text</i>) provides instruction in the English Language Arts strands identified by the Common Core State Standards as reading, writing, speaking and listening, and language. This course requires expository, analytical, and argumentative writing assignments that are based on readings representing a wide variety of prose styles and genres. The course is also structured around multicultural themes and perspectives found in literary, non-fiction, and expository texts by American authors to encourage students to think conceptually about the American past, present, and future as well as about the ethnic and cultural diversity of the American experience. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology and digital media are integral parts of this course. This course fulfills one of the English credits required for high school graduation.</p>	<p>Completion of English 10 or English 10 Honors.</p>
<p>English 11 Honors 4320H</p>	<p>This one-year course (<i>Composition and Themes in American Text</i>) provides instruction in the English Language Arts strands identified by the Common Core State Standards as reading, writing, speaking and listening, and language. This course is designated as honors level by the accelerated pacing and depth of content. This course requires expository, analytical, and argumentative writing assignments that are based on readings representing a wide variety of prose styles and genres. The course is structured around multicultural themes and perspectives found in literary, non-fiction, and expository texts by American authors to encourage students to think conceptually about the American past, present, and future as well as about the ethnic and cultural diversity of the American experience. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology and digital media are integral parts of this course. This course fulfills one of the English credits required for high school graduation.</p>	<p>Completion of English 10 or English 10 Honors, teacher recommendation; Recommended for the college-bound student.</p>
<p>AP English Language and Composition 46700</p>	<p>This one-year course emphasizes the application of critical reading and writing skills. This college level course will enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively. Students will analyze and practice the rhetorical strategies of writing. Instructors should refer to the current Advanced Placement course description for examination specifications. Instructional practices will incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the English credits required for high school graduation.</p>	<p>Completion of English 10 or English 10 Honors, teacher recommendation; Recommended for the college-bound student.</p>
<p>English 12 43300</p>	<p>This one-year course (<i>Post-Secondary Composition and Universal Themes in Text</i>) provides instruction in the English Language Arts strands identified by the Common Core State Standards as reading, writing, speaking and listening, and language. Instruction focuses on refining the skills required for post-secondary success. The writing focus in this course includes analysis, synthesis, and argumentation as they relate to workplace and real-world situations. A framework structured around universal themes that connect people across cultures and time anchors texts to real-life reading, writing, and speaking and listening opportunities likely to be experienced beyond high school. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology and digital media are integral parts of this course. This course fulfills one of the English credits required for high school graduation.</p>	<p>Completion of English 11, English 11 Honors, or AP English Language and Composition.</p>
<p>English 12 Honors 44300H</p>	<p>This one-year course (<i>Post-Secondary Composition and Universal Themes in Text</i>) provides instruction in the English Language Arts strands identified by the Common Core State Standards as reading, writing, speaking and listening, and language. This course is designated as honors level by the accelerated instructional pacing and depth of content. The writing focus in this course includes analysis, synthesis, and argumentation as they relate to post-secondary education and/or careers. Instruction focuses on refining the skills required for post-secondary success. A framework structured around universal themes that connect people across cultures and time anchors texts to real-life reading, writing, and speaking and listening opportunities likely to be experienced beyond high school. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology and digital media are integral parts of this course. This course fulfills</p>	<p>Completion of English 11, English 11 Honors, or AP English Language and Composition. Recommended for the college-bound student.</p>

	one of the English credits required for high school graduation.	
English Literature and Composition AP 44680	This one-year course is designed with an emphasis on meeting the requirements of the College Board Advanced Placement <i>AP English: Literature and Composition</i> examination. This college-level curriculum engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as smaller-scale elements such as the use of figurative language, imagery, symbolism, and tone. Instructional practices will incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the English credits required for high school graduation.	Completion of English 11, English 11 Honors, or AP English Language and Composition. Recommended for the college-bound student.
Journalism Foundations 43150	This one-year course is designed for the study and practice of the basic elements of journalism with major emphasis in the gathering, writing, layout, and dissemination of news through mass media. Students may be required to participate in the production of a newspaper. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology and digital media are integral parts of this course. This course fulfills one of the elective credits required for high school graduation.	Grade 9: Publications I in middle school C or higher in English 9/9H, Teacher recommendation
Journalism II 41700	This one-year course is a continuation of Journalism I and focuses on advanced journalistic skills used in the production of school publications. Students will understand press law, ethics, and journalistic vocabulary as it applies to journalistic writing and publication for graduation. Instructional practices will incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one elective credit required for high school graduation.	Successful completion of Journalism Foundations, teacher recommendation.
Publications I 41900	This one-year course emphasizes the study of yearbook publication. Critical thinking, writing, and planning skills will be developed. Computer, photography, and darkroom skills will be taught through practical application. Creativity and ethics will be essential components. Instructional practices will incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course will fulfill one elective credit required for high school graduation.	Grade 9: Publications I in middle school C or higher in English 9/9H, Teacher recommendation

MATHEMATICS DEPARTMENT

Course	Course Description	Prerequisites
Pre-Algebra 47120	This one-year course designed for freshman-level students provides the necessary knowledge and skills to successfully complete algebra and geometry coursework. This course builds on the concepts of number operations with integers, decimals, and rational numbers; word problems and reasoning skills; data analysis; probability; geometry; measurement; spatial sense; patterns; and beginning algebra. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The use of technology, including calculators and computers, is an integral part of this course. While this course fulfills one of the mathematics credits required for high school graduation, it does not meet the core requirements for the National Collegiate Athletic Association (NCAA) or the Nevada System of Higher Education (NSHE) core requirements for university admission.	8 th grade teacher recommendation
Algebra I 47900	This first-year course is the study of patterns and structure within the real number system. Topics include working with equations, graphing, and problem-solving strategies. Students become adept at solving problems that require the integration of a variety of mathematical concepts. The use of a calculator and computer software as instructional tools is an integral part of this course. This course will fulfill one required graduation mathematic credit.	8 th grade teacher recommendation
Algebra II 48000	This one-year course in algebra continues and expands upon the concepts and procedures learned in Algebra I. It has the primary goal to develop competence in using variables and functions to model numerical patterns and quantitative relations. Emphasis is on the study of polynomial, rational, exponential, and logarithmic functions, systems of equations and inequalities, matrix arithmetic, and sequences and series. Connections to other areas of mathematics and applications to other disciplines are integrated into the course. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The use of technology, including graphing calculators and computer software, is an integral part of this course. This course will fulfill one of the mathematics credits required for high school graduation.	Completion of Geometry, Geometry Honors
Algebra II Honors 48004	This second-year course in algebra represents a mathematical progression from the concept of numbers as experienced in arithmetic to the notion of properties of numbers without regard to their value, a necessary tool for science applications. Formal abstraction will enable students to understand and analyze data in many occupational and academic fields. The use of current technology such as graphing calculators and computer software is an integral part of this course. This course will fulfill one of the mathematics credits required for graduation.	Completion of Geometry / Geometry Honors; Recommended for the college-bound student.
Geometry 48300	This one-year course is a logical development of the inductive and deductive systems of reasoning. Emphasis is on developing visualization abilities, analytical skills, and logical reasoning through activity-oriented methods of instruction. It is expected that a calculator and computer software will be used as instructional tools. This course will fulfill one of the mathematics credits required for graduation.	Completion of Algebra I
Geometry Honors 4830H	This one-year course provides advanced study in Geometry for the more capable student. It is a rigorous, logical development of the deductive system of reasoning. Emphasis is on the development of logic, formal proofs, and algebraic applications to geometry. The prerequisite for this course is successful completion of Algebra I Honors. It is expected that a calculator and computer software will be used as instructional tools. This course will fulfill one of the mathematics credits required for graduation.	Completion of Alg I with Teacher recommendation Recommended for the college-bound student

Probability and Statistics 48600	This one-year course† is intended for students who have a mathematical foundation in algebra and geometry. This course includes describing patterns in data and departures from patterns, planning and conducting a statistical study, exploring random phenomena using probability and simulation, and a study of the logic of statistical inference. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The use of technology, including calculators and computer software, is an integral part of this course. This course will fulfill one of the mathematics credits required for high school graduation.	Completion of Algebra II/Algebra II Honors
Pre-Calculus 48704	This one-semester† course is designed for the motivated, above-average student with a strong background in advanced algebra. In addition to reviewing topics from trigonometry, this course includes problem-solving techniques using analytic geometry, vectors, matrices, relations and functions and their graphs, series and sequences, probability and statistics, and the introductory concepts of calculus. This course is distinguished from Pre-calculus by the instructional pacing and delivery of advanced content. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The use of technology, including graphing calculators and computer software, is an integral part of this course. This course will fulfill one of the mathematics credits required for high school graduation.	Completion of Algebra II/Algebra II Honors with teacher recommendation ; Recommended for the college-bound student.
Trigonometry H 48500	This one-semester course is the study of both right-triangle and circular trigonometric functions and their graphs. Additional topics introduced are trigonometric identities, solutions of trigonometric equations, complex numbers, vectors, and polar coordinates. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The use of technology, including graphing calculators and computer software, is an integral part of this course, including modeling application problems from physics, engineering, electronics, surveying, and navigation where applicable. This course will fulfill one half of a mathematics credit required for high school graduation.	Completion of Algebra II/Algebra II Honors With teacher recommendation ; Recommended for the college-bound student.
Topics in Modern Mathematics 47040	This one-year senior level course is the study of advanced mathematical topics and their applications to prepare students for college-level mathematics. Emphasis will be on refining problem solving skills through modeling and project-based learning. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The use of technology, including calculators and computers, is an integral part of this course. The prerequisite for this course is successful completion of Algebra II. This course will fulfill one of the mathematics credits required for high school graduation.	Teacher recommendation
AP Calculus AB 4800	This one-year course is designed with an emphasis on meeting the requirements of the College Board Advanced Placement <i>AP Calculus AB</i> examination. This college-level curriculum is primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. Before studying calculus, all students should complete four years of secondary mathematics designed for college-bound students: courses in which they study algebra, geometry, trigonometry, analytic geometry and elementary functions. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The use of technology, including graphing calculators and computer software, is an integral part of this course. This course fulfills	Successful completion of Pre-Calc/Trigonometry Honors. Teacher recommendation

	one of the mathematics credits required for high school graduation.	
AP Statistics 4730	This one-year course is designed with an emphasis on meeting the requirements of the College Board Advanced Placement <i>AP Statistics</i> examination. This college-level curriculum introduces students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The AP Statistics course is an excellent option for any secondary school student who has successfully completed a second-year course in algebra and who possesses sufficient mathematical maturity and quantitative reasoning ability. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The use of technology, including graphing calculators and computer software, is an integral part of this course. This course fulfills one of the mathematics credits required for high school graduation.	Successful completion of Algebra II/Algebra II Honors. Teacher recommendation .

SCIENCE DEPARTMENT

Course	Course Description	Prerequisites
Biology 67600	<p>This one-year course is designed as a survey of the biological sciences. The emphasis is on developing inquiry skills and problem-solving techniques while developing an understanding of major biological concepts. The course also familiarizes students with the nature of science and technology. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one credit of the Nevada high school graduation requirement for science and qualifies as a laboratory science for college entrance.</p>	<p>Concurrent enrollment in Algebra I or higher math class.</p>
Biology Honors 67604	<p>This one-year course is designed around introductory biological concepts designed for the academically-oriented student. Emphasis is placed on developing critical-thinking skills, research skills, and laboratory techniques. Independent study projects and inquiry-based learning experiences are integral parts of the course requirements. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one credit of the Nevada high school graduation requirement for science and qualifies as a laboratory science for college entrance.</p>	<p>“C” or above in Algebra I or concurrent enrollment in Algebra I or higher level math class; Recommended for the college-bound student</p>
Chemistry 68500	<p>This course is designed for those students who have successfully completed Algebra I and exhibit an interest in science, especially chemistry. Topics included are mathematics of chemistry, safety, laboratory procedures, properties of matter, atomic theory and structure, mole concept, chemical bonding, nomenclature, chemical equations, stoichiometry, kinetic molecular theory, states of matter, acids-bases-salts, equilibrium, thermochemistry, polymer chemistry, nuclear chemistry, chemistry of the environment, and career opportunities. Science, Technology and Society (STS) issues will be an integral part of this course. Additional topics may include history of chemistry, biochemistry, qualitative chemistry, and research projects. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one science credit toward high school graduation and qualifies as a laboratory science for college entrance.</p>	<p>Completion of Biology /Biology Honors</p>

<p>Chemistry Honors 68504</p>	<p>This course is designed for those students who have successfully completed Algebra I and exhibit an interest in science, especially chemistry. Topics include: mathematics of chemistry, safety, laboratory procedures, elements-compounds-mixtures, atomic theory and structure, structure and organization of the periodic table, mole concept, chemical bonding, nomenclature, chemical equations, stoichiometry, kinetic molecular theory, phases of matter, solutions, acids-bases theory, equilibrium, thermochemistry, organic chemistry, nuclear chemistry, chemistry of the environment, and career opportunities. Science, Technology, and Society (STS) issues will be an integral on-going part of this course. Additional topics may include history of chemistry, biochemistry, qualitative chemistry, and research projects. This course is distinguished from Chemistry I by the instructional pacing and the delivery of advanced content. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one science credit towards high school graduation and qualifies as a laboratory science for college entrance.</p>	<p>Completion of Biology / Biology Honors and Algebra I with teacher recommendation; Recommended for the college-bound student.</p>
<p>Environmental Science 67000</p>	<p>This one-year course is designed to integrate scientific principles related to the Earth and its environment. Topics of this course include relationships between atmospheric processes and the water cycle, solar systems and the universe, and Earth's composition and structure. The connections between Earth's systems and everyday life are evaluated throughout this course. Demonstrations and lab experiences are an integral part of instruction. Scientific methodology and the metric system are integrated and modeled. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college admission.</p>	<p>Elective Credit</p>
<p>Geoscience 66900</p>	<p>This one-year course is designed to integrate scientific principles related to the Earth and its environment. Topics of this course include relationships between atmospheric processes and the water cycle, solar systems and the universe, and Earth's composition and structure. The connections between Earth's systems and everyday life are evaluated throughout this course. Demonstrations and lab experiences are an integral part of instruction. Scientific methodology and the metric system are integrated and modeled. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college admission.</p>	<p>10th, 11th, and 12th grade Science class</p>
<p>Physics 69000</p>	<p>This one-year course is designed for those students who have successfully completed Algebra I and who exhibit an interest in science. Topics included are the following: laboratory procedures, mathematics applications, laboratory safety, waves, optics, relativity, kinematics, dynamics, energy, heat, electricity and magnetism, and atomic structure. Physics is a course that informs students about the interconnectedness among different types of forces and energy transformations. Demonstrations and/or lab experiences are an integral part of this course. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the science credits toward high school graduation and qualifies as a laboratory science for college entrance.</p>	<p>Successful completion of Chemistry or Chemistry Honors.</p>
<p>Physics Honors 69004</p>	<p>This one-year course is designed for those students who are concurrently enrolled in or have completed Algebra II/Trigonometry and who exhibit an interest in science. Topics included are the following: laboratory procedures, mathematics applications, safety, waves, optics, relativity, kinematics, dynamics, energy, heat, electricity and magnetism, and atomic structure. Physics is a course that uses mathematical relationships to guide students toward a greater conceptual understanding of physical concepts and processes. Demonstrations and/or lab experiences are an integral part of this course. This course is distinguished as honors level by the instructional pacing and the delivery of advanced content. Instructional practices</p>	<p>Completion of Chemistry / Chemistry Honors with teacher recommendation; Recommended</p>

	incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one science credit toward high school graduation and qualifies as a laboratory science for college entrance.	for the college-bound student.
AP Physics B 6528	This one-year course is designed to provide a comprehensive background for those students desiring an in-depth study of chemical concepts. This course will focus on meeting the requirements of the College Board Advanced Placement Chemistry exam. Instructors should refer to the current Advanced Placement course description for examination specifics. Topics included are atomic theory and structure; chemical bonding; nuclear chemistry; gases, liquids and solids; solutions; reaction types; acids and bases; stoichiometry; equilibrium; kinetics; thermodynamics; electrochemistry; oxidation-reduction; descriptive chemistry; and an introduction to carbon chemistry. Laboratory work of quantitative and qualitative nature is used to develop manipulative skills and reinforce topic areas. It is recommended that students successfully complete a first year biology and a first year chemistry course before enrolling in AP Chemistry. Instructional practices will incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course will fulfill one credit of the Nevada high school graduation requirement for science and qualifies as a laboratory science for college entrance.	Completion of Chemistry Honors, Physics Honors or AP Chemistry. Teacher recommendation; Recommended for the college-bound student.
AP Chemistry 68600	This is a one-year course with an emphasis on meeting the requirements of the College Board Advanced Placement Biology examination. Instructors should refer to the current Advanced Placement course description for examination specifics. This course is designed for those students desiring college level experience in the biological sciences. Emphasis will be placed on inquiry skills and problem solving. General themes of study will be: Science as a Process; Evolution; Energy Transfer; Continuity and Change; Relationship of Structure to Function; Regulation; Interdependence in Nature; Science, Technology and Society. Career opportunities in the biological sciences will also be explored. <u>It is recommended that students successfully complete a first year biology course before enrolling in AP Biology.</u> Instructional practices will incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course will fulfill one credit of the Nevada high school graduation requirement for science and qualifies as a laboratory science for college entrance.	Completion of Chemistry / Chemistry Honors with teacher recommendation; Recommended for the college-bound student.
AP Biology 67700	This one-year course is a survey of the fundamentals of anatomy and physiology. This course is designated as honors level by the accelerated pacing and depth of content. Topics focus on the interrelationships of human body systems that include laboratory experiences, demonstrations, and dissections. Problem solving and case study analysis are an integral part of this course. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college entrance.	Successful completion of Chemistry Honors, AP Chemistry, or Physics Honors. Recommended for the college bound student.
Anatomy and Physiology Honors 68004	This one-year course is a survey of the fundamentals of anatomy and physiology. This course is designated as honors level by the accelerated pacing and depth of content. Topics focus on the interrelationships of human body systems that include laboratory experiences, demonstrations, and dissections. Problem solving and case study analysis are an integral part of this course. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college entrance.	Elective Credit 2 + 2 Tech Prep Credit

SOCIAL STUDIES DEPARTMENT

Course	Course Description	Prerequisites
World History 70100	This one-year course will examine world history through the disciplines, which comprise the humanities: arts, philosophy, literature, history, political institutions, and religion. It explores the great ideas and actions of humankind which have shaped life. The emphasis is on European, Asian, African, Latin American, and Middle Eastern civilizations. This course fulfills the world history and the arts/humanities credits required for graduation.	10 th grade standing
World History Honors 70104	This one-year course examines societal development from the Renaissance to the present with an emphasis on emerging ideologies, expansion of empires, growth of nations, and an increase of global interdependence. Students develop an understanding of current world issues and relate them to their historical, geographical, political, economic, and cultural contexts. This course is designated as honors level by the accelerated instructional pacing and depth of content. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills the World History/Geography and the Arts/Humanities credits required for high school graduation.	10 th grade standing; Recommended for the college-bound student
AP World History 70102	This is a one-year course with an emphasis on meeting the requirements of the College Board Advanced Placement World History examination. Instructors should refer to the current Advanced Placement course description for examination specifics. This course will examine world history, centering on the intensification of international contacts among Asia, Europe, and Saharan and sub-Saharan Africa. The empires of China and Mesoamerica, the expansion of Islam, Mongol dominance, the period of new political units in Africa and Europe, cultural and social aspects, and long-distance trade will be examined. This course will emphasize relevant factual information, develop critical thinking skills through analyzing and interpreting information, provide for understanding of the changes in international frameworks, and encourage comparisons among major societies. This course will fulfill the World History credit required for high school graduation. It is expected that students will take the AP exam in May. See your school counselor if you have a financial hardship.	10 th grade standing; Recommended for the college-bound student
Principles of Leadership 71800	The purpose of this one-year course is to train student leaders in the various aspects of leadership. Time will be used in and out of class for performance of tasks associated with their leadership responsibilities. This course will count as one elective credit. It may be repeated for more than one credit.	Teacher Recommendation
US History 70300	This one-year course is a study of American history with an emphasis on the Modern World from 1900 to the present day. Students explore and evaluate the significant historical events and the consequences. This course provides an examination of historical themes to analyze how new events continue to shape our nation and society today. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills the U.S. History credit required for high school graduation.	11 th grade standing
US History Honors 70300	This one-year course is a study of American history with an emphasis on the Modern World from 1900 to the present day. Students explore and evaluate the significant historical events and the consequences. This course provides an examination of historical themes to analyze how new events continue to shape our nation and society today. This course is designated as honors level by the accelerated instructional pacing and depth of content. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills the U.S. History credit required for high school graduation.	11 th grade standing with teacher recommendation; Recommended for the college-bound student.

<p>US History AP 70300</p>	<p>This one-year course is designed with an emphasis on meeting the requirements of the College Board Advanced Placement United States History examination. This college-level curriculum provides an in-depth examination, synthesis, and evaluation of the historical themes from 1492 to present day. A careful balance of historiography, analytical skills, and factual knowledge is used throughout the course. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills the U.S. History credit required for high school graduation.</p>	<p>11th grade standing with teacher recommendation; Recommended for the college-bound student.</p>
<p>US Government 70500</p>	<p>This one-year course is a study of United States federal, state, local, and tribal governments evaluating the impact of political foundations, structures, processes, and institutions. Students apply constitutional principles to assess the growth and development of the United States government and political system. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills the U.S. Government credit required for high school graduation.</p>	<p>Successful completion of US History, US History Honors, or AP US History.</p>
<p>US Government Honors 70504</p>	<p>This one-year course is a study of United States federal, state, local, and tribal governments evaluating the impact of political foundations, structures, processes, and institutions. Students apply constitutional principles to assess the growth and development of the United States government and political system. This course is designated as honors level by the accelerated instructional pacing and depth of content. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills the U.S. Government credit required for high school graduation.</p>	<p>Successful completion of US History, US History Honors, or AP US History. Recommended for the college-bound student.</p>
<p>AP US Government and Politics 7050AP</p>	<p>This one-year course is designed with an emphasis on meeting the requirements of the College Board Advanced Placement United States Government and Politics examination. This college-level curriculum provides students with an analytical perspective of government and politics in the United States. It includes both the study of general concepts used to interpret United States politics and the analysis of specific examples. Students increase their knowledge of the various institutions, groups, beliefs, and ideas that constitute United States politics. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one U.S. Government credit required for high school graduation.</p>	<p>Successful completion of US History, US History Honors, or AP US History. Recommended for the college-bound student.</p>

PHYSICAL EDUCATION DEPARTMENT

Course	Course Description	Prerequisites
Physical Education I 64500	This one-year physical education course, required in ninth grade, focuses on the physical, mental, social, and emotional development of the individual in cooperative and competitive settings. The student is provided with experience in psychomotor skills, movement understandings, and lifetime health-related fitness knowledge, skills, and values. The goals of this course are accomplished through participation in movement experiences and application of movement principles found in team sports, individual/dual sports, fitness and wellness activities, rhythms/dance, tumbling, and lifetime recreational activities. Rules, strategies, and safety are emphasized in relation to active participation and development of knowledgeable spectators. Self-esteem is incorporated into all areas of the curriculum as well as the exploration of career opportunities in related fields. This course will fulfill one of the two physical education credits required for graduation.	\$20.00 uniform fee required
Physical Education II 64600	This one-year course, required in the tenth grade, focuses on the physical, mental, social, and emotional development of the individual in cooperative and competitive settings. The student is provided with experiences in psychomotor skills, movement, understandings, and lifetime health-related fitness knowledge, skills, and values. The goals of this course are accomplished through participation in movement experiences and application of movement principles found in team sports, individual/dual sports, fitness and wellness activities, dance/rhythms, and lifetime recreational activities. Rules, strategies, and safety are emphasized in relation to active participation and development of knowledgeable spectators. Self-esteem is incorporated into all areas of the curriculum as is the exploration of career opportunities in related fields. This course will fulfill one of the two physical education credits required for graduation.	Completion of PE I
Weight Lifting 6502	This one-year course is an activity-oriented course designed to provide students with a comprehensive view of physical conditioning through different styles of weight training and builds upon the knowledge gained in Physical Education I and II. Students develop psychomotor skills and engage in movement and lifetime fitness activities at moderate to vigorous levels for a minimum of 50% of the instructional time. Fitness-related vocabulary, desirable health habits, physical conditioning, skill development and safety are emphasized. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	Completion of PEII or exemption from PE II Elective Recommendation of Instructor
Life Time Sports And Recreation 6500	This one-year course is designed for students who have successfully completed two years of physical education. This course provides students with a comprehensive understanding of lifetime sports and recreational activities. Students focus on improving sports skills, participating in lifelong sport and recreational activities, and improving fitness levels while working at moderate to vigorous levels for a minimum of 50% of the instructional time. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	Elective

FOREIGN LANGUAGE

Course	Course Description	Prerequisites
Spanish I 38400	<p>This one-year course is designed to facilitate a student's acquisition of the target language at the novice-high level as identified in the foreign language proficiency guidelines established by the American Council on the Teaching of Foreign Languages (ACTFL). The focus is communication in the target language incorporating an understanding of the target cultures, connecting with other disciplines, comparing native language to the target language, and participating in multicultural communities. The course provides practice in correct use of basic vocabulary and language structures to enable students to function effectively within realistic settings. ACTFL recommends that at least 90% of the instructional time in class be conducted in the target language. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	<p>None</p>
Spanish II Honors 38504	<p>This one-year course is designed for students who have successfully completed Spanish I or who demonstrate a proficiency level of novice-high as identified in the foreign language proficiency guidelines established by the American Council on the Teaching of Foreign Languages (ACTFL). Students continue to refine proficiency in the target language with the end-of-course goal of demonstrating proficiency at the intermediate-low level. This course is designated as honors level by the accelerated instructional pacing and depth of content. The focus is communication in the target language incorporating understanding of the target cultures, connecting with other disciplines, comparing native language to the target language, and participating in multicultural communities. The course provides practice in correct use of basic vocabulary and language structures to enable students to function effectively within realistic settings. ACTFL recommends that at least 90% of the instructional time in class be conducted in the target language. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	<p>Successful completion of Spanish I.</p> <p>Recommended for the college-bound student.</p>
Spanish III Honors 38604	<p>This one-year course is designed for students who have successfully completed Spanish II Honors or who demonstrate a proficiency level of intermediate-low as identified in the foreign language proficiency guidelines established by the American Council on the Teaching of Foreign Languages (ACTFL). Students continue to refine proficiency in the target language with the end-of-course goal of demonstrating proficiency at the intermediate-mid level. This course is designated as honors level by the accelerated instructional pacing and depth of content. The focus is communication in the target language incorporating understanding of the target cultures, connecting with other disciplines, comparing native language to the target language, and participating in multicultural communities. The course provides practice in correct use of basic vocabulary and language structures to enable students to function effectively within realistic settings. ACTFL recommends that at least 90% of the instructional time in class be conducted in the target language. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills either one of the elective credits or one Arts/Humanities credit required for high school graduation.</p>	<p>Successful completion of Spanish II Honors, recommended for the college-bound student.</p>
Spanish IV H 38704	<p>This one-year course is designed for students who have successfully completed Spanish III Honors or who demonstrate a proficiency level of intermediate-mid as identified in the foreign language proficiency guidelines established by the American Council on the Teaching of Foreign Languages (ACTFL). Students continue to refine proficiency in the target language with the end-of-course goal of demonstrating proficiency at the intermediate-high level. This course is designated as honors level by the accelerated instructional pacing and depth of content. The focus is communication in the target language incorporating understanding of the target cultures, connecting with other disciplines, comparing native language to the target language, and participating in multicultural communities. The course provides practice in correct use of basic vocabulary and language structures to enable students to function effectively within realistic</p>	<p>Successful completion of Spanish III Honors, recommended for the college-bound student.</p>

	settings. ACTFL recommends that at least 90% of the instructional time in class be conducted in the target language. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills either one of the elective credits or one Arts/Humanities credit required for high school graduation.	
AP Spanish Literature 3662	This one-year course is designed with an emphasis on meeting the requirements of the College Board Advanced Placement <i>AP Spanish Literature and Culture</i> examination. This college-level curriculum prepares students to use the three modes of communication (interpersonal, interpretive, and presentational) in the intermediate to pre-advanced range as described in the American Council on the Teaching of Foreign Languages (ACTFL) Performance Guidelines for K-12 Learners. This course engages students in the study of literature through global, historical, and contemporary cultural contexts while making interdisciplinary connections and exploring linguistic and cultural connections. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills either one of the elective credits or one Arts/Humanities credit required for high school graduation.	Successful completion of Spanish IV Honors. Teacher recommendation.
French I 36600	This one-year course is designed to facilitate a student's acquisition of the target language at the novice-high level as identified in the foreign language proficiency guidelines established by the American Council on the Teaching of Foreign Languages (ACTFL). The focus is communication in the target language incorporating an understanding of the target cultures, connecting with other disciplines, comparing native language to the target language, and participating in multicultural communities. The course provides practice in correct use of basic vocabulary and language structures to enable students to function effectively within realistic settings. ACTFL recommends that at least 90% of the instructional time in class be conducted in the target language. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	None
French II Honors 36704	This one-year course is designed for students who have successfully completed French I or who demonstrate a proficiency level of novice-high as identified in the foreign language proficiency guidelines established by the American Council on the Teaching of Foreign Languages (ACTFL). Students continue to refine proficiency in the target language with the end-of-course goal of demonstrating proficiency at the intermediate-low level. This course is designated as honors level by the accelerated instructional pacing and depth of content. The focus is communication in the target language incorporating understanding of the target cultures, connecting with other disciplines, comparing native language to the target language, and participating in multicultural communities. The course provides practice in correct use of basic vocabulary and language structures to enable students to function effectively within realistic settings. ACTFL recommends that at least 90% of the instructional time in class be conducted in the target language. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	Successful completion of French I Recommended for college-bound and Culinary Program students.
French III Honors 36804	This one-year course is designed for students who have successfully completed French II Honors or who demonstrate a proficiency level of intermediate-low as identified in the foreign language proficiency guidelines established by the American Council on the Teaching of Foreign Languages (ACTFL). Students continue to refine proficiency in the target language with the end-of-course goal of demonstrating proficiency at the intermediate-mid level. This course is designated as honors level by the accelerated instructional pacing and depth of content. The focus is communication in the target language incorporating understanding of the target cultures, connecting with other disciplines, comparing native language to the target language, and participating in multicultural communities. The course provides practice in correct use of basic vocabulary and language structures to enable students to function effectively within realistic settings. ACTFL recommends that at least 90% of the instructional time in class be conducted in the target language. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills either one of the elective credits or one Arts/Humanities credit required for high school graduation.	Successful completion of French II Honors Recommended for college-bound and Culinary Program students.

<p>French IV Honors 36904</p>	<p>This one-year course is designed for students who have successfully completed French III Honors or who demonstrate a proficiency level of intermediate-mid as identified in the foreign language proficiency guidelines established by the American Council on the Teaching of Foreign Languages (ACTFL). Students continue to refine proficiency in the target language with the end-of-course goal of demonstrating proficiency at the intermediate-high level. This course is designated as honors level by the accelerated instructional pacing and depth of content. The focus is communication in the target language incorporating understanding of the target cultures, connecting with other disciplines, comparing native language to the target language, and participating in multicultural communities. The course provides practice in correct use of basic vocabulary and language structures to enable students to function effectively within realistic settings. ACTFL recommends that at least 90% of the instructional time in class be conducted in the target language. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills either one of the elective credits or one Arts/Humanities credit required for high school graduation.</p>	<p>Successful completion of French III Honors</p> <p>Recommended for college-bound and Culinary Program students.</p>
<p>German I 37000</p>	<p>This one-year course is designed to facilitate a student's acquisition of the target language at the novice-high level as identified in the foreign language proficiency guidelines established by the American Council on the Teaching of Foreign Languages (ACTFL). The focus is communication in the target language incorporating an understanding of the target cultures, connecting with other disciplines, comparing native language to the target language, and participating in multicultural communities. The course provides practice in correct use of basic vocabulary and language structures to enable students to function effectively within realistic settings. ACTFL recommends that at least 90% of the instructional time in class be conducted in the target language. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	<p>None</p>

ELECTIVES

Course	Course Description	Prerequisites
Art I 30000	This one-year foundation course is designed to provide a basic understanding of the elements and principles of art as emphasized through the production of art, the study of art history, aesthetics, and art criticism. This course will fulfill the one arts/humanities credit or one of the elective credits required for graduation.	None \$40.00 Fee
Drawing I 30100	This one-year course is designed to provide a basic understanding of the elements and principles of art through the use of various drawing techniques and media. It provides an integration of four art components or disciplines: aesthetics, art criticism, art history, and studio work in drawing. Drawing I sequentially follows one year of Art I. Course goals one through thirteen apply to Drawing I. This course will fulfill either the one arts/humanities credit or one of the elective credits required for graduation.	Successful completion of Art I; teacher recommendation \$40.00 Fee
Painting I 30200	This one-year course is designed to provide students with a strong foundation of painting through the study of basic techniques and the use of a variety of media. Students participate in exercises in art appreciation and critique to learn to personally consider and judge art. Problem solving, creativity, and originality are cultivated through planning, art making, and reflection. The development and influence of painting and painters throughout the ages are integrated into learning. Instructional practices incorporate integration of diversity awareness including appreciation for all cultures and their important contribution to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	Successful completion of Drawing I \$40.00 Fee
Video Production I 41800	This one-year course is designed for the study and practice of the basic elements of broadcasting technology with a major emphasis on script writing, video recording, editing, and publication of news and other information through television and/or radio. This class may be performance-based, requiring the production of portions of a video yearbook, morning announcements, or student-teacher created videos. Instructional practices will incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one elective credit required for high school graduation.	None
Video Production II 54900	This one-year course is designed as a continuation of study for students who successfully completed Broadcast Journalism I. This course will focus on the review and reinforcement of the basic elements of broadcast technology. In addition, students will study and practice new and more advanced elements of broadcasting technology, with major emphasis on script writing, video recording and editing, and publication of news and entertainment through television and/or radio. Hands-on, real-world activities will require students to be creative, responsible, and professional. Students will consistently use critical thinking skills and work to achieve an advanced level of media literacy. Instructional practices will incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one elective credit required for high school graduation.	Successful completion of Video Production I and teacher recommendation Grades 10-12
Psychology I 72200	This one-year course introduces basic concepts used by psychologists in understanding human behavior. Topics include psychology as a science, human development, biological bases of behavior, motivation and learning, thinking and intelligence, normal and abnormal behavior, therapies, testing, and the effects of group membership on behavior. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one elective credit required for high school graduation.	Grades 10 -12
Psychology AP 72300	This one-year course is designed with an emphasis on meeting the requirements of the College Board Advanced Placement Psychology examination. Topics examined in greater depth include research techniques and statistics, history of psychology, the neurobiological basis of behavior, sensation and perception, states of consciousness, learning and memory, thinking and language, intelligence and psychological tests, motivation and emotion, stress and health psychology, human development, psychological disorders and therapies, personality, and social psychology. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their	College Bound Students

	important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	
Marketing Education I 83500	This one-year course is designed for students who have a career interest in marketing. The student will observe marketing from the standpoints of both a consumer and a businessperson. This course covers the major functions of marketing such as selling, advertising, visual merchandising, pricing, promotion, product planning, and basic economic concepts. Other topics include: job interviewing, human relations, communications, and current events as related to marketing. This course should provide students with an understanding of competencies necessary for success in the initial employment in marketing and marketing related careers. Participation in Distributive Education Clubs of America (DECA), an association of marketing students, is an integral part of the instructional program. This course will fulfill one of the elective credits required for high school graduation.	\$25.00 DECA Membership Required
Food & Nutrition I 8710	This one-year course provides an introduction to the study of basic food preparation and nutrition. Areas of emphasis include food choices and dietary guidelines. Students plan and prepare meals using basic principles of sanitation and safety. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one elective credit required for high school graduation.	
Sociology I 72400	This one-year course is designed to provide students with an introduction to the study of social groups, institutions, and functions. Emphasis is on the relationship to society between the individual and groups. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one elective credit required for high school graduation.	Successful completion of Psychology I, teacher recommendation. Grade 12
Cooperative Work Experience 8370	This one-year course is designed to provide on-the-job experience to prepare students for entry-level positions in their field of career interest. Students are employed in the same career area as the Career and Technical Education (CTE) program of enrollment. Students gain employability skills related to the program of study by completing a minimum of 270 hours of paid work experience per semester and must pass their related CTE class. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation and may be repeated for a total of two elective credits.	Grade 11-12
Applied Office Practice 8270	This one-year course is designed to provide the business student with an opportunity to develop clerical skills and personal qualities necessary for success in the business world. The on-the-job training experience will be conducted only in the school office setting. It is desirable to limit enrollment to students who have successfully completed a minimum of one semester in a business education class at the high school level. Student assignment will be made and approved by the Applied Office Practice teacher-coordinator. Telephone switchboard, principal and/or assistant principal offices, registrar's office, school banker's office, attendance office, activities and/or athletic director's office, counseling office, graphic arts, student store, library, audiovisual office, and school nurse are the only areas that qualify for Applied Office Practice student assignments. The student enrolled in the Student Aide Program is excluded from these areas. This course may be repeated, but only two credits may be earned in the Applied Office Practice Program with a maximum of one credit earned in any office area. This course will fulfill one of the elective credits required for graduation.	Grade 11-12
Student Aide 3460	This one-year course is designed to allow students to assist teachers in classroom management. Under the direction of a supervising teacher, students will gain experience in clerical duties, laboratory assistance, working with faculty members, and following directions. Students are assigned to supervising teachers by a formal application process. Students are limited to one credit. This course will fulfill one of the elective credits required for graduation.	Grade 11-12
Student Tutor 3470	This one-year course is designed to give students interested in teaching or social services professions an opportunity to help academically weak elementary or secondary school students. Student tutor may be assigned to English, reading, or mathematics laboratories in an elementary,	Grade 11-12

	junior, or senior high school to assist with individual student instruction. Student tutors given direction and guidance by an assigned supervising teacher. Students applying for the program must have a 2.0 accumulative grade point average and be knowledgeable in the academic area in which they are to assist. One-half credit per semester is earned upon the satisfactory completion of the program's requirements. STUDENTS ARE LIMITED TO ONE CREDIT. This course will fulfill one of the elective credits required for graduation.	
Photography I 32000	This one-year course is designed to instruct students in the fundamentals of black-and-white still photography and/or digital photography as it deals with seeing photographically, operating cameras, processing film, printing black-and-white film, and/or utilizing digital photography. This course will fulfill one Arts/Humanities credit required for high school graduation.	Grade 12

Freshman Specific Courses

Course	Course Description	Prerequisites
Health Education 64200	This one-semester course is designed to introduce students to the intricate relationships between the structural and physiological functions required for the mental, social, and physical wellness of the individual. The course includes health awareness, body functions, human development, use of community health resources, first-aid techniques, and the relationships of these to the total health and fitness of the individual. Human sexuality and sexually transmitted infectious disease education, within established guidelines, will be an integral part of this course. This course will fulfill the one-half health credit required for high school graduation.	None
Computer Based Projects 91800	This one-year course introduces students to the integration of software and hardware in the production of written and oral projects. CD ROMS, scanners, telecommunications, laser discs, LCD panels, camcorders, regular and computer-based cameras, printers, and both windows-based and MAC-based computers are utilized. Word processing, spreadsheet, data base, desktop publishing, font enhancement, graphics, telecommunications, sound, and presentation software are used in the development of projects. Whole class, small group, and individual projects form the basis for this class. A prerequisite for this class is the completion of Computer Fundamentals. This course will fulfill one of the elective credits required for graduation.	None
Freshman Studies 86260	This one-year course is designed for ninth grade students to provide a smooth transition into the high school setting and develop a sense of community and ownership. Emphasis will be placed on developing a long-range educational plan. This course will fulfill one elective credit required for high school graduation.	None

PROFESSIONAL SERVICE ACADEMY

NURSING

The Nursing program is designed to introduce students to the basic knowledge and skills needed for entry into the health care field.

Students will study:

- medical terminology
- human anatomy & physiology
- common diseases & illnesses
- basic patient care skills
- communication
- infection control
- safe clinical practices

Students' ethical and legal responsibilities will be integrated throughout the program. During the junior year, the students will learn about medical assisting through theory, demonstrations and laboratory skills practice. A clinical practicum during the senior year will provide the required hands-on patient care necessary to fulfill the requirements of the Nursing Assistant program. Upon completion students are eligible to apply for the Nevada State Board of Nursing certification exam to become a Certified Nursing Assistant.

DENTAL ASSISTING

Students who choose to enroll in the Dental Assisting program will learn patient care, office practices, and laboratory duties that commonly appear in a dental office. Enjoy a state-of-the-art learning environment that includes real dental chairs.

HOSPITALITY TRAVEL & TOURISM

In our Hospitality, Travel and Tourism program, you will engage in hotel management, marketing, and the travel and tourism industry that is important to our community in Las Vegas and the world today. Working with the school's culinary program, you will plan and execute multiple school and community functions. To gain practical experience, you will participate in an internship program in some of our city's finest hospitality, travel & tourism businesses or properties.

RESPIRATORY THERAPY

The Respiratory Therapy program introduces students to respiratory careers, ethics, assessment techniques, diseases, as well as infection control. Students learn about respiratory equipment and will become certified in CPR. There will be extensive job shadowing opportunities for students to gain real-world experience in:

- intensive care
- neonatal care
- emergency air transport
- hyperbaric oxygen therapy and more!

This program explores future job opportunities in the exciting medical field such as a traveling respiratory care practitioner, which provides opportunities to travel and work in other states or countries after completion of a college program.

CULINARY ARTS

As a student in our Culinary Arts program, you will study food nutrition, culinary art techniques, and food management. You will work with our school's hospitality students to host school and community functions to gain practical experience in this exciting field of work. Learning in a state-of-the-art kitchen, you will practice culinary skills used by all chefs. Course work is articulated so that you will earn college credits.

AUTOMOTIVE SERVICE TECHNOLOGY

In our Automotive and Mechanical Technology program, you will learn the latest technology in gasoline, diesel, hybrid, and alternative fuel vehicles. You will also learn about vehicle systems, principles of engineering, and industrial fabrication. You will engage in problem-based learning projects on actual vehicles and trainers using the latest industry tools and equipment. When you graduate from this academy, you will have a variety of post-secondary opportunities at schools such as CSN and UTI, as well as traditional colleges and universities.

RECOMMENDED COURSE OF STUDY BY PROGRAM TO FOLLOW

CULINARY				
Grade 9	Grade 10	Grade 11	Grade 12	
English	English	English	English	
Math	Math	Math	Math	
Science	Science	Science	Science	
Computer Based Projects	World History	U.S. History	U. S. Government	
PE I	PE II	Elective*	Elective	
Health/Freshman Studies	Elective*	Culinary Arts II	Elective*	
Elective*	Culinary Arts I	Culinary Arts II Lab	Culinary Arts III Lab	
Foundations of Hospitality	Culinary Arts I Lab	Culinary Arts III	Culinary Arts Advanced	
		Food & Nutrition I (Baking) (optional)	Studies Food & Nutrition II (Pastry) (optional)	
*Recommended Electives: Spanish, French or German 12 th : Food & Nutrition I (Baking), Food & Nutrition II (Pastry)				
Course	Course Description			Lab Fees
Foundations of Hospitality 96240	This one-year course is designed for students to explore career opportunities, basic principles, concepts, and facets of the hospitality industry. Emphasis is on the employment roles within hospitality, travel, and tourism. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.			\$40.00 material fee, includes hat and apron \$25.00 mandatory DECA membership
Culinary Arts I 89700	This one-year course provides students with an introduction to the principles, chemistry, and techniques of food preparation. The classroom is patterned after industry with emphasis on the standards of food service occupations. ProStart™ curricula is an integral part of this course. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.			\$90.00 materials fee Students will also need to buy a chef coat/pants /kitchen shoes (Approx. \$75.00)
Culinary Arts I Lab 96210	This one-year course is designed to expand the students' opportunities for applied learning in Culinary Arts I. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the course goals. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.			See Above
Culinary Arts II 89800	This one-year course provides students who have successfully completed Culinary Arts I with advanced practical training in areas of food preparation, equipment technology, merchandising, and service. Students gain experience in catering, banquet functions, and a la carte operations. ProStart™ curricula is an integral part of this course. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.			\$110.00 material fee Students will also need black pants/white long sleeve shirt (Approx. \$40.00)
Culinary Arts II Lab 96220	This one-year course is designed to expand the students' opportunities for applied learning in Culinary Arts II. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the course goals. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.			See above

<p>Culinary Arts III 96200</p>	<p>This one-year course provides students who have successfully completed Culinary Arts II with the principles and techniques of food preparation. Students acquire advanced skills in food handling, food and nutritional science, equipment technology, cooking methods, kitchen safety, sanitation procedures, and employability skills. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	<p>See above</p>
<p>Culinary Arts III Lab 96230</p>	<p>This one-year course is designed to expand the students' opportunities for applied learning who are concurrently enrolled in Culinary Arts III. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the course goals. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	<p>\$55.00 per semester material fee</p>
<p>Culinary Arts Advanced Studies 96300</p>	<p>This one-year course provides students who have achieved all content standards in Culinary Arts an advanced study through investigation and in-depth research. The student collaborates with the supervising teacher to design and implement the topic of study. Coursework includes various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation and may be repeated.</p>	<p>See above</p>
<p>Food and Nutrition I 87100 (Baking)</p>	<p>Elective class in baking for junior or senior culinary and hospitality students.</p>	<p>\$30.00 materials fee</p>
<p>Food and Nutrition II 87200 (Pastry)</p>	<p>Elective class in pastry for junior or senior culinary students.</p>	<p>\$30.00 materials fee</p>

HOSPITALITY			
Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Math	Math	Math	Math
Science	Science	Science	Science
Computer Based Projects	World History	U.S. History	U. S. Government
PE I	PE II	Elective*	Elective*
Health/Freshman Studies	Elective*	Marketing Education II	International Marketing
Elective*	Marketing Education I	Hospitality Management I	(optional)
Foundations of Hospitality	Travel & Tourism	Hospitality Management I Lab	Hospitality Management II Hospitality Management II Lab

*Recommended Electives: Spanish, French or German

Course	Course Description	Lab Fees
Foundations of Hospitality 96240	This one-year course is designed for students to explore career opportunities, basic principles, concepts, and facets of the hospitality industry. Emphasis is on the employment roles within hospitality, travel, and tourism. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	40.00 material fee, includes hat and apron \$25.00 mandatory DECA membership
Travel & Tourism 71300	This one-year course introduces students to the travel and tourism industry. Students learn concepts of economics, lodging, transportation, wholesale and retail travel services, conventions, eco-tourism, and destination marketing. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$75.00 material fee including required DECA membership
Marketing Education I 83500	This one-year course is designed for students who have a career interest in marketing. The student will observe marketing from the standpoints of both a consumer and a businessperson. This course covers the major functions of marketing such as selling, advertising, visual merchandising, pricing, promotion, product planning, and basic economic concepts. Other topics include: job interviewing, human relations, communications, and current events as related to marketing. This course should provide students with an understanding of competencies necessary for success in the initial employment in marketing and marketing related careers. Participation in Distributive Education Clubs of America (DECA), an association of marketing students, is an integral part of the instructional program. This course will fulfill one of the elective credits required for high school graduation.	See above
Hospitality Management I 98800	This one-year course is designed to introduce students who have successfully completed Travel and Tourism, to the principles of the hospitality industry including lodging, food service, tourism, and customer relations. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$50.00 material fee + \$25.00 required DECA membership = \$75.00
Hospitality Management I Lab 96250	This one-year course is designed to expand the students' opportunities for applied learning who are concurrently enrolled in Hospitality Management I. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the course goals. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	See above
Marketing	This one-year course is for students who have completed Marketing Education I. It is	2+2 Tech Prep

Education II 83600	designed to emphasize advanced topics in marketing, economic foundation, management, merchandising, and business ownership. Topics of study include selling, management, advertising, display, credit, pricing, financing, marketing research, and international marketing. It provides students with leadership activities, on-the-job experience and practical application of marketing through the combined educational techniques of case problem and analysis, business article analysis, business simulation, computer-based marketing, and class discussion. Participation in DECA is an integral part of the instructional program. This course will fulfill one of the elective credits required for high school graduation.	Course
Hospitality Management II 98900	This one-year course is designed for students who have successfully completed Hospitality Management I. Emphasis is on all aspects of hotel operations including reservations, lodging, food and beverage, and human resources. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$50.00 material fee + \$25.00 required DECA membership = \$75.00
Hospitality Management II Lab 96260	This one-year course is designed to expand the students' opportunities for applied learning who are concurrently enrolled in Hospitality Management II. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the course goals. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	See above
International Marketing 32400	This one-year course for 12th graders emphasizes marketing in the international community. This course provides instruction in foreign country entry modes, strategy allowances, identifying global markets, counter trade, exchange rate, insurance, letters of credit, distribution, cultural and economic differences, export, import, international Internet, customs services, trade shows, and money exchange. Activities shall center around the student's ability to develop an export business plan and an international marketing plan. These plans would utilize the gaming industry as its case study. The prerequisite for this course is at least one year of foreign language. This course will fulfill one of the elective credits required for graduation.	Elective

DENTAL ASSISTING			
Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Math	Math	Math	Math
Science	Science	Science	Science
Computer Based Projects	World History	U.S. History	U. S. Government
PE I	PE II	Elective	Anatomy and Physiology
Health/Freshman Studies	Elective	Dental Materials and	Honors
Elective	Health Science II	Radiology	Dental Assisting II
Health Science I	Human Diseases	Dental Assisting I	Dental Assisting Advanced
		Dental Assisting I Lab	Studies

Course	Course Description	Lab Fees
Health Science I 90660	This one-year course introduces students to health occupations with a clinical perspective. This course includes medical terminology, health care careers and systems, safety, legal responsibilities, wellness, and disease prevention. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$50.00, materials fee*
Health Science II 65500	This one-year course provides students, who have successfully completed Health Science I with a clinical perspective of anatomy and physiology. Emphasis is placed on the organization, structure and function of the human body, growth and development, wellness, and pathophysiology. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$50.00, materials fee*
Human Diseases 65600	This one-year course provides students, who have successfully completed Health Science I with an anatomical, physiological, and clinical perspective about human diseases, injuries, and conditions of the body. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	See Health Science II
Dental Assisting I 90610	This one-year course is designed for students interested in a career in the dental field. Areas of emphasis include dental anatomy, diseases, treatments, and dental office procedures. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$100.00 materials fee
Dental Assisting I Lab 90710	This one-year course is designed for students who are concurrently enrolled in Dental Assisting I to expand the students' opportunities for applied learning. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the course goals. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	See above

<p>Dental Materials and Radiology 90620</p>	<p>This one-year course provides students with the principles of dental materials and radiology. Areas of emphasis include laboratory techniques, research skills, and radiology. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits for high school graduation.</p>	<p>See Dental Assisting I</p>
<p>Dental Assisting II* 90590</p>	<p>This one-year course is designed for students who have successfully completed Dental Assisting I. Areas of study include oral pathology, dental medications, legal and ethical issues, and research skills. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	<p>\$100.00 materials fee*</p>
<p>Dental Assisting Advanced Studies 90720</p>	<p>This one-year course provides students who have achieved all content standards in Dental Assisting an advanced study through investigation and in-depth research. The student collaborates with the supervising teacher to design and implement the topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of the course. This course fulfills one of the elective credits required for high school graduation and may be repeated.</p>	<p>See Dental Assisting II</p>

RESPIRATORY THERAPY			
Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Math	Math	Math	Math
Science	Science	Science	Science
Computer Based Projects	World History	U.S. History	U. S. Government
PE I	PE II	Elective	Elective
Health/Freshman Studies	Elective	Respiratory Therapy	Anatomy and Physiology H
Elective	Health Science II	Practices	Respiratory Therapy II
Health Science I	Human Diseases	Respiratory Therapy I	Respiratory Therapy II Lab
		Respiratory Therapy I Lab	

Course	Course Description	Lab Fees
Health Science I 90660	This one-year course introduces students to health occupations with a clinical perspective. This course includes medical terminology, health care careers and systems, safety, legal responsibilities, wellness, and disease prevention. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$50.00, materials fee*
Health Science II 65500	This one-year course provides students, who have successfully completed Health Science I with a clinical perspective of anatomy and physiology. Emphasis is placed on the organization, structure and function of the human body, growth and development, wellness, and pathophysiology. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$50.00, materials fee*
Human Diseases 65600	This one-year course provides students, who have successfully completed Health Science I with an anatomical, physiological, and clinical perspective about human diseases, injuries, and conditions of the body. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	See Health Science II
Respiratory Therapy I 90630	This one-year course provides students with the principles of respiratory therapy. Areas of emphasis include medical terminology, medical mathematics, industry requirements, basic techniques, and procedures. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$100.00 materials fee
Respiratory Lab I 90680	This one-year course is designed for students who are concurrently enrolled in Respiratory Therapy I to expand the students' opportunities for applied learning. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the course goals. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	See above

Respiratory Therapy Practices 90640	<p>This one-year course provides students with practical application of respiratory therapy. Areas of emphasis include cardiopulmonary diseases, diagnostic procedures, rehabilitation, wellness, and medical equipment. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	See above
Respiratory Therapy II 90650	<p>This one-year course provides a detailed study of the physiology of human ventilation and circulation. Topics emphasized are cardiopulmonary anatomy, regulation of ventilation, neonatal intensive care (NICU), emergency care, pulmonary function testing, sleep apnea, chest physiotherapy, and home care. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	. \$100.00 materials fee
Respiratory Therapy II Lab 90690	<p>This one-year course is designed for students who are concurrently enrolled in Respiratory Therapy II to expand the students' opportunities for applied learning. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the course goals. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	See above

NURSING (CNA)			
Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Math	Math	Math	Math
Science	Science	Science	Science
Computer Based Projects	World History	U.S. History	U. S. Government
PE I	PE II	Elective	Elective
Health/Freshman Studies	Elective	Medical Assisting	Anatomy and Physiology
Elective	Health Science II	Medical Assisting Lab	Honors
Health Science I	Human Diseases		Nursing Assistant Nursing Assistant Lab

Course	Course Description	Lab Fees
Health Science I 90660	This one-year course introduces students to health occupations with a clinical perspective. This course includes medical terminology, health care careers and systems, safety, legal responsibilities, wellness, and disease prevention. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$50.00, materials fee*
Health Science II 65500	This one-year course provides students, who have successfully completed Health Science I with a clinical perspective of anatomy and physiology. Emphasis is placed on the organization, structure and function of the human body, growth and development, wellness, and pathophysiology. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$50.00, materials fee*
Human Diseases 65600	This one-year course provides students, who have successfully completed Health Science I with an anatomical, physiological, and clinical perspective about human diseases, injuries, and conditions of the body. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	See Health Science II
Medical Assisting 98500	This one-year course provides students who have successfully completed Health Science II with the skills required for entry into the health care field. Demonstrations and laboratory experiences are an integral part of this course. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$100.00* materials fee
Medical Assisting Lab 90670	This one-year course is designed for students who are concurrently enrolled in Medical Assisting to expand the students' opportunities for applied learning. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the course goals. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	See above
Nursing Assistant 98300	This one-year course provides students who have successfully completed Health Science II with the skills required for entry into the health care field. Students completing this program, including clinical practicum, are eligible to apply independently for the Nevada State Board of Nursing Certifying Exam for Nursing Assistants. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school	\$100.00* materials fee

	graduation.	
Nursing Assistant Lab 90730	This one-year course is designed for students who are concurrently enrolled in Nursing Assistant to expand the students' opportunities for applied learning. This course provides an in-depth lab experience that applies to processes, concepts, and principles as described in the course goals. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	See above

AUTOMOTIVE & MECHANICAL TECHNOLOGY			
Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Math	Math	Math	Math
Science	Science	Science	Science
Computer Based Projects	World History	U.S. History	U. S. Government
PE I	PE II	Elective	Elective
Health/Freshman Studies	Elective	Mechanical Technology III	Mechanical Technology
Elective	Mechanical Technology II	Diesel Technology I	Advanced Studies
Mechanical Technology I	Digital Electronics	Principles of Engineering	Industrial Fabrication Diesel Technology II

Course	Course Description	Lab Fees
Mechanical Technology I 86240	This one-year course provides students with an introduction to the various forms of energy conversion and power application mechanisms. Areas of emphasis include use of tools, safety, equipment operation, safety practices, precision measurement, and electrical-test equipment. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$40.00 materials fee
Mechanical Technology II 86460	This one-year course provides students who have successfully completed Mechanical Technology I opportunities to explore the various forms of power application mechanisms. Areas of emphasis include robotics, hydraulics, pneumatics, electrical, mechanical, and other systems of power transmission. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$40.00 materials fee
Digital Electronics 86690	This one-year course is designed to provide students with the fundamentals of digital electronics. Students work in a problem-solving environment to construct and troubleshoot systems according to industry standards. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. This course fulfills one of the elective credits required for high school graduation.	See above
Mechanical Technology III 86750	This one-year course provides students, who have successfully completed Mechanical Technology II with the fundamentals of system controls, pneumatics, hydraulics, suspension, steering, brakes, electrical, and performance diagnostics. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$80.00 materials fee
Diesel Technology I 96700	This one-year course provides students with fundamental diesel engine repair and service skills. It will introduce the operational and scientific nature of diesel component systems. It will provide students with a basic knowledge of diesel engine equipment and operating principles. The diesel repair, maintenance, and diagnostic procedures will enhance students' awareness of the applications of scientific principles. The students will study the technological nature of diesel-powered equipment, which will include an understanding of the following areas: measurement, atomic structure and properties, chemical reactions, and electronic principles. The proper and safe use of tools and precision test equipment will be emphasized throughout the course. This course will fulfill one of the elective credits required for graduation.	See above

Principles of Engineering 86420	<p>This one-year course is designed to help students understand the field of engineering and construction management. While exploring various construction technology systems and engineering processes, students will learn how engineers and technicians use mathematics, science, and technology in an engineering problem-solving environment. The course also focuses on issues with the social and political consequences of technological change. This course will fulfill one of the elective credits required for high school graduation.</p>	See Mechanical Technology III
Diesel Technology II 96800	<p>This one-year course is designed to provide advanced students with diesel-powered equipment repair and service skills. It will provide students with in-depth knowledge of diesel engine operating principles and the application of diesel power to commercial trucks, buses, and off-road equipment. Practical application of safe work habits and the correct use of tools, shop equipment, and precision test instruments will be emphasized throughout the course. Emphasis will also be placed on employability skills, entrepreneurship knowledge, basic academic skills, and the integration of the Vocational Industrial Clubs of America (VICA) student organization into the course. An internship or apprenticeship may be incorporated into the course of study to assist students in making a transition from school to work. This course will fulfill one of the elective credits required for high school graduation.</p>	\$80.00 materials fee
Mechanical Technology Advanced Studies 86760	<p>This one-year course provides students who have achieved all content standards in Mechanical Technology an advanced study through investigation and in-depth research. The student collaborates with the supervising teacher to design and implement the topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation and may be repeated.</p>	See above
Industrial Fabrications 40200	<p>This one-year course aligns with Project Lead The Way expectations and is designed to develop competencies in material processing, material science, fabrication, and problem solving. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	For Automotive Students See Diesel Technology II

* Additional uniform, Career and Technical Student Organization, and/or material costs may apply. Costs will be provided by the course instructor.

DESIGN ACADEMY

ENTERTAINMENT ENGINEERING DESIGN

The Entertainment Engineering Design program will prepare you for work in the diverse, technical world of the entertainment industry designing the state-of-the-art automated mechanical systems that amaze audiences all over the world. Students will gain experience in mechanical, electrical, automation and fabrication skills as they relate to the entertainment industry. Post-secondary opportunities exist with the College of Southern Nevada through an Associate of Science in Mechanical Technologies, or at the University of Nevada Las Vegas through a Bachelor of Science in Mechanical, Electrical or Entertainment Engineering programs as well as traditional Engineering programs at schools across the country.

FASHION DESIGN

As a Fashion Design student, you will be educated about the fundamentals and applications of design. You will be able to design your own garments, participate in fashion shows, and meet industry professionals. During your senior year, you will have an opportunity to participate in an internship program and implement the skills you have learned in creating a product line. This design program will prepare you for the future in fashion design and will open major opportunities related to the fashion and design world.

INTERIOR DESIGN

Students in the Interior Design program will acquire knowledge in housing styles, architecture, and furnishings. You will create your own design boards, construct scaled models/floor plans, design computerized renderings through Chief Architect, a CADD illustration program, learn sketching and graphic design presentation skills and more. Your completed samples of your work will be compiled into a digital portfolio to showcase your design skills, and will be a tool to showcase your talents as you enter a post-secondary interior design or architecture program.

WEB DESIGN

There is a growing demand for qualified website developers. Our Website Design and Development Program will prepare you for this exciting and challenging field, while providing you a well-rounded background suitable for post-secondary education or entry into the work force. While at our school as a Web Development student, you will study web design, 2D graphic design, 3D graphics and animations, video and audio production for the web, database management & e-Commerce, server management, and current website programming trends. You will compete in local, state and national competitions and create a digital portfolio that is sure to set you apart from the competition.

VIDEO GAME TECHNOLOGY

The Digital Game Development program will provide you with practical experience in game design and development. You will take classes using high-end animation programs like Flash and Maya and utilize a wide variety of programming languages and software. Using state-of-the-art technologies, you will take digital games from concept to completion and compete in local, state, and national competitions. Whether you are interested in pursuing post-secondary opportunities or entering the job market after high school, our Digital Game Development program will prepare you.

RECOMMENDED COURSE OF STUDY BY PROGRAM TO FOLLOW

FASHION			
Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Math	Math	Math	Math
Science	Science	Science	Science
Computer Based Projects	World History	U.S. History	U. S. Government
PE I	PE II	Elective*	Elective
Health/Freshman Studies	Elective*	Pattern Drafting	Elective
Elective*	Fashion Design & Construction II		Costume Design or Graphic Design II or Entrepreneurship Fashion Design & Construction Advanced Studies
Fashion Design & Construction I	Fashion Merchandising/Marketing		

*Recommended Electives: 9th – Art I 10th – Art I/Drawing I 11th – Art I/Drawing I/Painting I

Course	Course Description	Lab Fees
Fashion Design & Construction I 80010	This one-year course is designed to provide students the fundamentals of the fashion concepts and construction. Areas of emphasis include clothing construction, textiles, marketing, customer service, and the principles and elements of design. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$15.00 material fee + \$25.00 required DECA membership = \$40.00
Fashion Design & Construction II 86500	This one-year course is designed for students who have successfully completed Fashion Design and Construction I. Emphasis is placed on gaining skill in advanced sewing techniques, fashion merchandising, and the care of textile products. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$65.00 material fee + \$25.00 required DECA membership = \$90.00
Graphic Design I 93500	This one-year, two-period course is designed to provide students with the skills and knowledge needed to create a variety of commercial art products. Students will gain an understanding of basic design principles and learn the fundamentals of typography. Emphasis is placed on page design and the creation and manipulation of graphics. This course will fulfill two of the elective credits required for graduation.	2+2 Tech Prep Course
Fashion Merchandising 88500/Marketing Education I 86500	This one-year course is designed to provide students with an opportunity to learn about the world of fashion design and fashion design. Units to be covered will include design, fashion careers, textiles, business management, clothing production, merchandising, and display techniques. Practical experience will include window display design, garment accessorizing, and promotional activities. This course will fulfill one of the elective credits required for graduation.	See Fashion Design & Construction II
Pattern Drafting 80070	This one-year course is designed to provide students with the theory and application of flat pattern drafting and design. Students apply the principles and elements of design to draft patterns and construct garments. Areas of emphasis include sketching, measurements, pattern alterations, and use of various technologies. Students create work samples for a professional portfolio. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. This course fulfills one or two of the elective credits required for high school graduation and may be repeated.	See Fashion Design & Construction III

<p>Fashion Design & Construction III</p>	<p>This one-year course is designed for students who have successfully completed Fashion Design and Construction II. Emphasis is on constructing a variety of challenging fashion projects using advanced techniques and exploring the global fashion industry. This course includes the study of psychological and social aspects of clothing, advanced construction techniques including tailoring, use of specialty fabrics, and creative applications. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	<p>\$65.00 material fee + \$25.00 required DECA membership = \$90.00</p>
<p>Costume Design I 53300</p>	<p>This one-year course is designed to familiarize students with many aspects of costume design history, construction, and drawing. Class work focuses on developing hands-on costume construction and costume design. The course will fulfill one of the elective credits required for graduation.</p>	<p>Senior Fashion Elective Choice</p>
<p>Graphic Design II 93600</p>	<p>This one-year course builds on the skills and knowledge acquired in Graphics Design I. Students create projects simulating challenges found in the design industry such as corporate identity, publishing, advertising, and package design. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	<p>Senior Fashion Elective Choice or teacher recommendation</p>
<p>Entrepreneurship 80100</p>	<p>This one-year course is designed to teach students the concepts to develop skills that will enable them to start a business. Special features include the use of technology and current business software applications (e.g. Microsoft Publisher) and simulations (e.g. Go Venture, Virtual Business). This course will fulfill one of the elective credits required for high school graduation.</p>	<p>Senior Fashion Elective Choice</p>
<p>Fashion Design & Construction Advanced Studies 86810</p>	<p>This one-year course provides students who have achieved all content standards in Fashion Design and Construction an advanced study through investigation and in-depth research. The student collaborates with the supervising teacher to design and implement the topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation and may be repeated.</p>	<p>\$20.00, materials fee</p>

INTERIOR DESIGN			
Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Math	Math	Math	Math
Science	Science	Science	Science
Computer Based Projects	World History	U.S. History	U. S. Government
PE I	PE II	Elective	Elective
Health/Freshman Studies	Elective*	Graphic Design I	Elective
Elective*	Housing & Interior Design	Housing & Interior Design	Housing & Interior Design
Foundations of Design	I	II	III
	Drafting & Design I	Drafting & Design Advanced Studies	Housing & Interior Design III Lab

*Recommended Electives: 9th – Art I 10th – Art I/Drawing I 11th – Fashion Merchandising/Marketing Education I 12th grade – Graphic Design II, Entrepreneurship

Course	Course Description	Lab Fees
Foundations of Design 80020	This one-year course is designed as the foundation for interior design and fashion design. Using project-based strategies, students apply the principles and elements of design including space, line, form/shape, texture, color, balance, proportion, emphasis, rhythm, harmony, scale, unity, and variety. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$15.00 materials + \$25.00 required FCCLA membership = \$40.00
Housing & Interior Design I 80030	This one-year course provides students with an introduction to the principles of housing and interior design. Students create and evaluate floor plans as well as demonstrate effective space planning techniques. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$105.00 materials fee
Drafting & Design I 86500	This one-year course introduces the student to the fundamentals of mechanical and architectural drawing as related to Computer-Aided Drafting and Design (CADD). This course provides students with the knowledge and practice required to produce and analyze multi-view and pictorial drawings, dimensioning, auxiliary views, and intersections. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	See above 2+2 Tech Prep Course
Graphic Design I 93500	This one-year course is designed to provide students with the skills and knowledge needed to create a variety of commercial art products using industry-standard hardware and software. Students gain an understanding of basic design principles focusing on the creative process. Emphasis is placed on layout design and the creation and manipulation of graphics in a project-based environment. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for graduation.	See below

<p>Housing & Interior Design II 80040</p>	<p>This one-year course is designed for students who have successfully completed Housing and Interior Design I. Students apply the principles of design to create a variety of housing and interior design products and spaces. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	<p>\$120.00 materials fee</p>
<p>Drafting & Design Advanced Studies 41300</p>	<p>This one-year course provides students who have achieved all content standards in Drafting and Design an advanced study through investigation and in-depth research. The student collaborates with the supervising teacher to design and implement the topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation and may be repeated.</p>	<p>See above</p>
<p>Housing & Interior Design III 87510</p>	<p>This one-year course is designed for students who have successfully completed Housing and Interior Design I & II. The emphasis is on the development of interior design plans. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	<p>\$80.00 materials fee</p>
<p>Housing & Interior Design III Lab 96320</p>	<p>This one-year course is designed to expand the students' opportunities for applied learning who are concurrently enrolled in Housing and Interior Design III. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the course goals. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation. This course is designated as an advanced study through investigation and in-depth research time period. The student chooses either a Capstone Project or an Internship based upon meeting the student's personal goals and interests within the Interior Design Program of Study. The student will collaborate with the supervising teacher to design and implement the topic of study designed specifically to meet the wants, needs, and career path of the individual student. Course work will include the culmination of the portfolio development, and a student choice to either include various work-based learning experiences such as internships, job shadowing, involvement in a school-based business project, or a completion of a Capstone Project to demonstrate the exit work of a student from the Interior Design Program and portfolio development. The Internship does require 3 teacher recommendations, and for the student to be in good academic and disciplinary standing. The Senior Interior Design Program Presentation Evening will consist of presentations from either the students Capstone Project or a Presentation based upon the students Internship/ Job shadowing Experience (s) along with presentations from the students professional portfolios.</p>	<p>See above</p>

ENTERTAINMENT ENGINEERING			
Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Math	Math	Math	Math
Science	Science	Science	Science
Computer Based Projects	World History	U.S. History	U. S. Government
PE I	PE II	Elective	Elective
Health/Freshman Studies	Elective*	Graphic Design I	Drafting & Design
Elective*	Digital Electronics	Fabrications	Advanced Studies
Introduction to Engineering & Design	Principles of Engineering	Industrial Fabrication	Engineering Design and Development Computer Integrated Manufacturing
*Recommended elective: 9 th – Art I 10 th – Art I/Drawing I 11 th – Art I/Drawing I/Painting I			
Course	Course Description		Lab Fees
Introduction to Engineering & Design 86330	This one-year course provides students with a project-based learning approach to the design-development process in engineering. Students use solid-modeling and computer design software to analyze, create, and construct engineering projects. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.		\$60.00, materials fee
Digital Electronics 86690	This one-year course is designed to provide students with the fundamentals of digital electronics. Students work in a problem-solving environment to construct and troubleshoot systems according to industry standards. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. This course fulfills one of the elective credits required for high graduation.		\$90.00 materials fee
Principles of Engineering 86420	This one-year course is designed to help students understand the field of engineering and construction management. While exploring various construction technology systems and engineering processes, students will learn how engineers and technicians use mathematics, science, and technology in an engineering problem-solving environment. The course also focuses on issues with the social and political consequences of technological change. This course will fulfill one of the elective credits required for high school graduation.		See above
Graphic Design I 93500	This one-year course is designed to provide students with the skills and knowledge needed to create a variety of commercial art products using industry-standard hardware and software. Students gain an understanding of basic design principles focusing on the creative process. Emphasis is placed on layout design and the creation and manipulation of graphics in a project-based environment. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for graduation.		

Fabrications 92150	<p>This course is designed to be taught as a one-period, one-year course or as a two-period, one-semester course and covers modern electronics fabrications. It introduces the student to standard electronic symbols, hand tools, and meters commonly used in the electronics industry. Demonstrations and lab experiments are offered to reinforce lecture materials. Typical responsibilities and tasks of various careers involving electronics will be portrayed. Instructional practices will incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. It is highly recommended that students have completed Algebra I before registering for this course. This course will fulfill one elective credit required for high school graduation.</p>	\$110.00 materials fee
Industrial Fabrications 40200	<p>This one-year course aligns with Project Lead The Way expectations and is designed to develop competencies in material processing, material science, fabrication, and problem solving. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	See above
Drafting & Design Advanced Studies 41300	<p>This one-year course provides students who have achieved all content standards in Drafting and Design an advanced study through investigation and in-depth research. The student collaborates with the supervising teacher to design and implement the topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation and may be repeated.</p>	See above
Engineering Design & Development 95710	<p>This one-year course is designed for students who have successfully completed Principles of Engineering. This course provides students with a project-based learning approach in which students work in teams to research, design, and construct a solution to an open-ended engineering problem. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	\$110.00 materials fee
Computer Integrated manufacturing	<p>*Course is pending CCSD adoption.</p>	See above

WEB DESIGN			
Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Math	Math	Math	Math
Science	Science	Science	Science
Computer Based Projects	World History	U.S. History	U. S. Government
PE I	PE II	Elective	Elective
Health/Freshman Studies	Elective	Website Science II	Website Science III
Elective	Website Science I	Website Science II Lab	Website Science III Lab
Graphic Design I	Animation I	Media Production for Web	Website Science Advanced Studies

Course	Course Description	Lab Fees
Graphic Design I 93500	This one-year course is designed to provide students with the skills and knowledge needed to create a variety of commercial art products using industry-standard hardware and software. Students gain an understanding of basic design principles focusing on the creative process. Emphasis is placed on layout design and the creation and manipulation of graphics in a project-based environment. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for graduation.	\$15.00 materials fee 2+2 Tech Prep Course
Website Science I 94700	This one-year course is designed to provide students with the basic principles of web-page development using industry accepted applications and coding techniques. Students design, execute, update, and modify websites. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	2+2 Tech Prep Course
Animation I 79800	This one-year course provides students with the basic principles of traditional and digital animation. Animation, storyboarding, character creation, and storytelling through animation are the focus of this course. Project-based learning provides students with career-based animation skills. Instructional practice incorporates integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$15.00 materials fee
Website Science II 86600	This one-year course is designed for students who have successfully completed Website Science I. Students incorporate automation, animation, and interactivity in websites. Project-based learning, collaboration, and portfolio development are essential elements of this course. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	None, class requirements

<p>Website Science II Lab 96540</p>	<p>This one-year course is designed to expand opportunities for applied learning for students who are concurrently enrolled in Website Science II. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the course goals. Project-based learning, collaboration, and portfolio development are essential elements of this class. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	
<p>Media Production For Web 86680</p>	<p>This one-year course is designed for students who have successfully completed Website Science I. Project-based learning, collaboration, and portfolio development are essential elements of this course. Students become familiar with the technologies associated with bringing video, photographic images, and audio to the Internet environment. Students learn to prepare aural and visual media for the Web by creating and encoding media. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. This course fulfills one of the elective credits required for high school graduation.</p>	
<p>Website Science III 86030</p>	<p>This one-year course is designed for students who have successfully completed Website Science II. Students develop sophisticated websites that include intermediate and advanced concepts in website design and development. Project-based learning, collaboration, and portfolio development are essential elements of this course. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	
<p>Website Science III Lab 96550</p>	<p>This one-year course is designed to expand opportunities for applied learning for students who are concurrently enrolled in Website Science II. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the course goals. Project-based learning, collaboration, and portfolio development are essential elements. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.</p>	
<p>Website Science Advanced Studies 96560</p>	<p>This one-year course provides students who have achieved all content standards in Website Science an advanced study through investigation and in-depth research. The student collaborates with the supervising teacher to design and implement the topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation and may be repeated.</p>	

VIDEO GAME TECHNOLOGIES			
Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Math	Math	Math	Math
Science	Science	Science	Science
Computer Based Projects	World History	U.S. History	U. S. Government
PE I	PE II	Elective	Elective
Health/Freshman Studies	Elective	Digital Game	Digital Game
Elective	Animation I	Development II	Development III
Graphic Design I	Digital Game Development I	Digital Game Development II Lab	Digital Game Development III Lab
		Animation II	Digital Game Development Advanced Studies

Course	Course Description	Lab Fees
Graphic Design I 93500	This one-year course is designed to provide students with the skills and knowledge needed to create a variety of commercial art products using industry-standard hardware and software. Students gain an understanding of basic design principles focusing on the creative process. Emphasis is placed on layout design and the creation and manipulation of graphics in a project-based environment. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for graduation.	\$15.00 materials fee 2+2 Tech Prep Course
Animation I 79800	This one-year course provides students with the basic principles of traditional and digital animation. Animation, storyboarding, character creation, and storytelling through animation are the focus of this course. Project-based learning provides students with career-based animation skills. Instructional practice incorporates integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	\$15.00 materials fee
Digital Game Development I 90150	This one-year course is designed to introduce students to the elements and structure of game design and development. The areas of major emphasis are game methodology, game genres, game theory, interactive experiences, and immersive environments. Project-based learning, collaboration, and portfolio development are essential elements of this class. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	
Digital Game Development II 90160	This one-year course is designed to allow students who have completed Digital Game Development I to advance their knowledge and skills in electronic game design and development. Areas of emphasis include development of a variety of genres and exploration of the potential for multi-player development. Project-based learning, collaboration, and project-management are essential elements of this course. Instructional practices incorporate the integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the	

	elective credits required for high school graduation.	
Digital Game Development II Lab 96410	This one-year course is designed to expand opportunities for applied learning for students who are concurrently enrolled in Digital Game Development II. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the course goals. Project-based learning, collaboration, and portfolio development are essential elements. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	None, class requirements
Animation II 81000	This one-year course provides students with the principles of traditional two-dimensional cel and computer animation, as well as, 3-D animation and graphics. Project-based learning, collaboration, and portfolio development are essential elements of this class. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	None, class requirements 2+2 Tech Prep Course
Digital Game Development III 90170	This one-year production-oriented course builds on the skills acquired in Digital Game Development II. Students are provided with practical experience in game design and development. This course focuses on the implementation of immersive environments and all aspects of the production process. Project-based learning, collaboration, and project-management are essential elements of this course. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	None, class requirements
Digital Game Development III Lab 96420	This one-year course is designed to expand opportunities for applied learning for students who are concurrently enrolled in Digital Game Development III. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the course goals. Project-based learning, collaboration, and portfolio development are essential elements. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.	None, class requirements
Digital Game Development Advanced Studies 96430	This one-year course provides students who have achieved all content standards in Digital Game Development an advanced study through investigation and in-depth research. The student collaborates with the supervising teacher to design and implement the topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation and may be repeated.	

* Additional uniform, Career and Technical Student Organization, and/or material costs may apply. Costs will be provided by the course instructor