

Southwest

Career and Technical Academy

Course Catalog

2010-2011



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 2010-2011 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.
- Use the registration worksheet provided in this catalog to select your classes.

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.

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?

- 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 participation in its programs and activities.

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.

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/cpd, select Guidance and Counseling from the menu for the information.

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

Students graduating in the Class of 2011 and beyond will be eligible for an Advanced Honors Diploma. 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.

ADVANCED HONORS DIPLOMA	
Required/Elective Areas of Study in Honors/AP/IB	Units
English	3
Mathematics	2
Science	2
Social Studies	2
Foreign Language	1
Elective	2
TOTAL Honors/AP/IB Units	12
Students must achieve a minimum of a 3.25 un-weighted GPA and a 3.85 weighted GPA.	

WEIGHTED HONORS COURSES

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
U.S. History	1
U.S. Government	1
**Physical Education	2
Health	½
***Use of Computers	½
Electives	7½
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 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.



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 enrolling as freshmen in the fall of 2006 (graduating class of 2010), and each grade thereafter, 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

21 ST CENTURY COURSE OF STUDY EXPECTATIONS	
Required/Elective Areas of Study	Units
English	4
Mathematics (Includes Algebra II)	4
Science (Includes Biology)	3
World History or Geography (Class of 2010)	1
U.S. History	1
U.S. Government	1
Physical Education	2
Health Education	½
Use of Computers	½
Arts & Humanities or Career Tech	1
Electives	4 ½
Total	22 ½

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

- Opens Doors to Post-Secondary Education and Workforce Opportunities
- Meets Nevada System of Higher Education University Admissions Grade Point Average (GPA) and Core Curriculum Requirements including:
 - ❖ 3.00 GPA (weighted or unweighted) **in the core curriculum** and
 - ❖ Approved NSHE Core Curriculum (4 English, 3 Math-including Algebra II, 3 Natural Science, 3 Social Science & History = 13 units)
- Prepares Students for the State of Nevada Millennium Scholarship GPA and Core Curriculum Requirements including:
 - ❖ 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 weighted grade point average in the graduating class. Salutatorian status is awarded to the student(s) earning the second highest weighted 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 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 was implemented with all freshmen students during the 2007-2008 school year and will continue to be implemented with each freshmen class 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 www.ccsd.net/schools/eduplan 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 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.ncaaclearinghouse.net). 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. Applications are 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.

ENGLISH DEPARTMENT

Course	Course Description	Prerequisites
English I 43000	This one-year course will emphasize the study of language, literature, and composition. The skills of critical thinking, reading, listening, writing, and speaking will be developed. A variety of literature selections will be used for the improvement of reading strategies, literary appreciation, and interpretation. Literature selections will also serve as models to develop writing skills. This course will fulfill one English credit required for graduation.	8 th grade teacher recommendation
English I Honors 43004	This one-year course will emphasize the study of language, literature, and composition. The skills of critical thinking, reading, listening, writing, and speaking will be developed. A variety of literature selections will be used for the improvement of reading strategies, literary appreciation, and interpretation. Literature selections will also serve as models to develop writing skills. This course will fulfill one English credit required for graduation.	8 th grade teacher recommendation
English II 43100	This one-year course is a continuation of English I emphasizing the study of language, literature, and composition. The skills of critical thinking, listening, reading, writing, and speaking will continue to be developed. A variety of literary genres will be used for the further development of reading strategies, literary appreciation, and interpretation. Literature selections will also serve as models to improve writing skills. This course will fulfill one of the English credits required for graduation.	Completion of English I, teacher recommendation
World Literature Honors 44804	This one-year course has a three-fold purpose: to study major world classics, to develop a comprehensive writing style, and to view the world through literature. The literature encompasses a comparative study of significant historical, philosophical, cultural, psychological, ethical, and literary perspectives. This course will fulfill one of the English credits or the arts/humanities credit required for graduation.	Completion of English I / English I Honors, teacher recommendation; Recommended for the college-bound student
American Literature 44500	This one-year course is a survey of American literature from the exploration of America to the present. Emphasis will be placed on developing critical judgment and effective writing skills. 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 II or World Literature Honors
American Literature Honors 44504	This one-year course is designed to survey American literature from the exploration of America to the present. This course is designated as honors level by the accelerated instructional pacing and depth of content. Emphasis is placed on developing critical judgment and effective writing 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 English credits required for high school graduation.	Completion of English II or World Literature Honors, teacher recommendation; Recommended for the college-bound student

<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 II or World Literature Honors, teacher recommendation; Recommended for the college-bound student</p>
<p>Journalism I 41600</p>	<p>This one-year course emphasizes basic elements of journalism: news gathering, news writing, copy layout, and the dissemination of information. Students may be required to participate in the production of a newspaper. 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.</p>	
<p>Journalism II 41700</p>	<p>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.</p>	<p>Completion of Journalism I</p>

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 I Honors 47904	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 Algebra I
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

<p>Geometry 48300</p>	<p>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.</p>	<p>Completion of Algebra I</p>
<p>Geometry Honors 48304</p>	<p>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.</p>	<p>Completion of Algebra I / Algebra I Honors with teacher recommendation; Recommended for the college-bound student</p>
<p>Probability and Statistics 48600</p>	<p>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.</p>	<p>Completion of Geometry/Geometry Honors</p>
<p>Pre-Calculus 48704</p>	<p>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 Precalculus 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.</p>	<p>Completion of Geometry/Geometry Honors with teacher recommendation; Recommended for the college-bound student</p>
<p>Trigonometry H 48500</p>	<p>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.</p>	<p>Completion of Geometry/Geometry Honors with teacher recommendation; Recommended for the college-bound student</p>

SCIENCE DEPARTMENT

Course	Course Description	Prerequisites
Biology I 67600	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 will also familiarize the students with the nature of science and technology. This course will fulfill one of the three science credits required for high school graduation and will meet college entrance requirements for a laboratory science.	Concurrent enrollment in Algebra I or higher math class
Biology I Honors 67604	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. The course fulfills one of the three high school graduation requirements for science and college entrance requirements for laboratory science.	"C" or above in Algebra I Honors or concurrent enrollment in Algebra I Honors or higher level math class; Recommended for the college-bound student.
Chemistry I 68500	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 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 science credit toward high school graduation and qualifies as a laboratory science for college entrance.	Completion of Biology I/Biology I Honors
Chemistry I Honors 68504	This first-year 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, elements-compounds-mixtures, atomic theory and structure, structure and organization of the periodic table, mole concept, chemical bonding, nomenclature, chemical equations, stoichiometry, kinetic theory, gases-liquids-solids-solutions, acids-bases-salts, equilibrium, thermochemistry, electrochemistry, organic chemistry, nuclear chemistry, chemistry of the environment, and career opportunities. Additional topics may include: history of chemistry, biochemistry, qualitative chemistry, and research projects. A science project is suggested for this course. This course qualifies for college entrance requirements for laboratory science. This course fulfills one of the science credits required for graduation.	Completion of Biology I / Biology I Honors and Algebra I / Algebra I Honors with teacher recommendation; Recommended for the college-bound student

<p>Environmental Science 67000</p>	<p>This one-year course is designed for the student who wants to learn about the environment through research and experimentation. It deals with the basic concepts of ecology and their application to today's controversial topics of overpopulation; pollution of the soil, air, and water; and conservation of natural resources. 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.</p>	<p>Completion of Chemistry I/ Chemistry I Honors</p>
<p>Physics I 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 to be 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 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 science credit toward high school graduation and qualifies as a laboratory science for college entrance.</p>	<p>Completion of Chemistry I/ Chemistry I Honors with teacher recommendation; Recommended for the college-bound student</p>
<p>AP Chemistry 68600</p>	<p>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.</p>	<p>Completion of Chemistry I/ Chemistry I Honors with teacher recommendation; Recommended for the college-bound student</p>

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

<p>US History Honors 70300</p>	<p>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.</p>	<p>11th grade standing with teacher recommendation; Recommended for the college-bound student</p>
<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>

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 \$20.00 uniform fee required

FOREIGN LANGUAGE/ELECTIVES DEPARTMENT

Course	Course Description	Prerequisites
Spanish I 38400	This one-year course is designed to acquaint students with the basic skills of listening, speaking, reading, and writing Spanish at an introductory level. Students will communicate in Spanish, connect with other disciplines, compare their native language to Spanish, and participate in multi-cultural communities. The course provides practice in correct use of basic vocabulary and language structures to enable students to function effectively within realistic settings. This course will fulfill either one arts/humanities credit or one elective credits required for high school graduation.	None
Spanish II Honors 38500	This one-year course is designed to continue the development of proficiency in the four skills introduced in Spanish I: listening, speaking, reading, and writing. Students will communicate in Spanish, connect with other disciplines, compare their native language to Spanish, and participate in multi-cultural communities. Knowledge of basic structures and vocabulary will be reviewed and expanded to allow the student to communicate at the intermediate level in real life situations. This course will fulfill either one arts/humanities credit or one of the elective credits required for high school graduation.	Successful completion of Spanish I Recommended for the college-bound student
Spanish III Honors 38600	This one-year course is designed to achieve a greater degree of proficiency in the Spanish language. It will further the ability to communicate in authentic oral and written context and increase the ease and confidence with which the student uses the language in the community. Connecting with other disciplines and comparing the native language to Spanish will be stressed, expanded, and developed. It will promote a better understanding and appreciation of the Hispanic cultures. The pre-requisite for this course is the successful completion of Spanish II H. 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 either one Arts/Humanities credit or one of the elective credits required for high school graduation.	Successful completion of Spanish II Honors, recommended for the college-bound student
Spanish IV H 38700	This one-year course is designed to broaden the knowledge and command of the Spanish language. The focus is increased fluency in communication at a more abstract and complex level. Skills will be refined through connection with other disciplines as well as comparison of language and culture in authentic contexts. It will increase the ease and confidence with which the student uses the language in the global community. The pre-requisite for this course is the successful completion of Spanish III H. 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 either one Arts/Humanities credit or one of the elective credits required for high school graduation.	Successful completion of Spanish III Honors, recommended for the college-bound student

<p>French I 36600</p>	<p>This one-year course is designed to acquaint students with the basic skills of listening, speaking, reading, and writing French at an introductory level. The focus is communication in French, incorporating understanding of Francophone cultures, connecting with other disciplines, comparing native language to French, 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. 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 either one Arts/Humanities credit or one of the elective credits required for high school graduation.</p>	<p>None</p>
<p>French II Honors 36700</p>	<p>This one-year course is designed to continue the development of proficiency in the four skills introduced in French I: listening, speaking, reading, and writing. The focus is communication in French, incorporating further understanding of Francophone cultures, connecting with other disciplines, comparing native language to French, and participating in multicultural communities. Knowledge of basic structures and vocabulary will be reviewed and expanded to allow the student to communicate at the intermediate level in actual situations. The pre-requisite for this course is the successful completion of French I. 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 either one Arts/Humanities credit or one of the elective credits required for high school graduation.</p>	<p>Successful completion of French I</p> <p>Recommended for college-bound and Culinary Program students</p>
<p>French III Honors 36800</p>	<p>This one-year course is designed to help students achieve a greater degree of proficiency in the French language. It will further the ability to communicate in authentic oral and written context and increase the ease and confidence with which the student uses the language in the community. Connecting with other disciplines and comparing the native language to French will be stressed, expanded, and developed. It will promote a better understanding and appreciation of the Francophone cultures. The pre-requisite for this course is the successful completion of French II H. This course will fulfill either one Arts/Humanities credit or one of the elective credits required for high school graduation.</p>	<p>Successful completion of French II Honors</p> <p>Recommended for college-bound and Culinary Program students</p>
<p>Art I 30000</p>	<p>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.</p>	<p>None</p> <p>\$40.00 Fee</p>
<p>Drawing I 30100</p>	<p>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.</p>	<p>Successful completion of Art I; teacher recommendation</p> <p>\$40.00 Fee</p>
<p>Painting I 30200</p>	<p>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 of 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.</p>	<p>Successful completion of Drawing I</p> <p>\$40.00 Fee</p>

<p>Film Studies 32300</p>	<p>In this one-year course, students study the development of the American film as an art form and a social phenomenon. The course surveys century genres, eras, trends, directors, studios and moguls. Students will focus on the techniques of acting as they apply to the electronic and film media. Class work will focus on class discussion and criticism of various films. This course will fulfill either the on arts/humanities credit or one of the elective credits required for graduation.</p>	<p>None</p>
<p>Foods and Nutrition I 87100</p>	<p>This one-year course provides an introduction to the study of foods. Emphasis is placed on exploring food choices as related to nutrition, fitness, lifecycle, cooking methods, and mealtime customs. Activities will reflect adherence to the current dietary guidelines. This course will fulfill one of the elective credits required for graduation.</p>	<p>\$40.00*</p>
<p>Foods and Nutrition II 82700</p>	<p>This one-year course is designed for students who have completed Foods and Nutrition I at the high school level. Upon successful completion of the course, students should have entry-level skills for employment in the food service industry. Units include cooking for special occasions, meal management, purchasing, food storage, food preservation, hospitality, food selection, food preparation, and special nutritional needs. This course will fulfill one of the elective credits required for graduation.</p>	<p>\$40.00*</p>
<p>Broadcast Journalism I 41800</p>	<p>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.</p>	<p>None</p>
<p>Broadcast Journalism II 54900</p>	<p>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.</p>	<p>Successful completion of Broadcast Journalism I</p>

Freshman Specific Courses

Course	Course Description	Prerequisites
<p>Health Education 64200</p>	<p>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.</p>	<p>None</p>
<p>Computer Based Projects 91800</p>	<p>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.</p>	<p>None</p>
<p>Freshman Studies 86260</p>	<p>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.</p>	<p>None</p>

PROFESSIONAL SERVICE ACADEMY

Course	Course Description	Lab Fees
Introduction to Culinary Arts (1/2 Credit) 62900	This one semester course is designed to introduce students to basic principles, techniques, and skills required to enter the culinary arts career field. Students acquire basic skills in food handling, equipment technology, kitchen safety, and cooking methods. This course will fulfill one-half of an elective credit required for graduation.	\$65.00 (Includes Hat, Apron, DECA Membership/Culinary Fee)
Food Production I 89700	This one-year, one- or two-period course provides culinary students with an introduction to the principles and techniques of food preparation. The classroom is patterned after the food service industry with an emphasis on school to work transition skills. Students acquire basic skills in food handling, equipment technology, cooking methods, kitchen safety, and sanitation procedures. Successful completion of Food Production I will enable the students to advance to Food Production II. This course will fulfill one or two of the elective credits required for graduation.	
Commercial Kitchen Basics 88350	This one-year course is designed to establish basic principles, techniques, and skills required to enter the commercial kitchen. Students acquire essential prerequisite skills in sanitation, food handling, equipment technology, kitchen safety, terminology, and cooking methods. 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 elective credit required for high school graduation.	\$90.00 (Includes SkillsUSA Membership/Culinary Fee) Students will also need to buy a chef coat/pants /kitchen shoes (Approx. \$75.00)
Culinary Arts I 96200	This one-year, two- or three-period 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. Students acquire basic skills in food handling, food and nutritional science, equipment technology, cooking methods, kitchen safety, sanitation procedures, and employability skills. 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 two or three elective credits required for high school graduation.	\$110.00 (Includes SkillsUSA Membership/Culinary Fee) Students will also need black pants/white long sleeve shirt (Approx. \$40.00)
Food Production II 89800	This one-year, two-period course provides students with advanced practical training in areas of food preparation, equipment technology, merchandising, and service. Students are rotated through various culinary classifications on a weekly basis. An opportunity will be provided to gain experience in catering, banquet functions, and a la carte operations. Students will encounter an employee-employer atmosphere as well as a student-teacher atmosphere while developing skills for employment. This course will fulfill one or two of the elective credits required for high school graduation. This course may be repeated.	

<p>Introduction to Hospitality (1/2 Credit) 86360</p>	<p>This one-semester course is designed for students to explore career opportunities within the hospitality industry. Students will learn the basic principles, concepts, and facets of the hospitality industry. This course introduces the tangible and intangible skills needed to enter the hospitality career field. An introduction to Career and Technical Student Organizations and the use of technology are integral parts of this course. This course will fulfill one half elective credit required for high school graduation.</p>	<p>\$25.00 (DECA Membership)</p>
<p>Introduction to Travel & Tourism I (1/2 Credit) 71300</p>	<p>This one-semester course is designed to introduce students to the travel and tourism industry. Students will learn tourism vocabulary and explore issues in the history of travel, marketing, current trends in the industry, as well as evaluate the major careers in the industry. The course methodology will include interactive discussion, creative thinking, analysis of current events, cooperative learning, reading and writing skills, and case studies. 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 half elective credit required for high school graduation.</p>	<p>\$75.00 (Includes DECA Membership/Materials/Hospitality Polos)</p>
<p>Marketing Ed I 83500</p>	<p>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 elective credit required for high school graduation.</p>	
<p>Marketing Ed II 83600</p>	<p>This one-year course is for students who have completed Marketing Education I. It is 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.</p>	
<p>Travel & Tourism II (1/2 Credit) 71400</p>	<p>This one-semester course builds upon the fundamental skills developed in the Introduction to Travel and Tourism course. Through an examination of the airline, hotel, cruise line and other industries within hospitality and travel, students will explore the various career opportunities and trends which are affecting each component of this vast industry. Continuing instruction on public speaking and public relations is a focus of this class. 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 half elective credit required for high school graduation.</p>	

<p>Hospitality Management I 98800</p>	<p>This one-year, multi-period course is designed to introduce students to the principles of the hospitality industry including lodging, food service, and tourism. Included in the instruction will be an in- depth study of the various divisions and departments within a hotel, as well as other hospitality and tourism outlets. Students will be given insight into customer relations and providing quality service to hospitality and tourism guests. Successful completion of this course will provide students with entry-level job skills. 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 two or three elective credits required for high school graduation and satisfies the computer literacy requirement for graduation credit.</p>	<p>\$75.00 (Includes DECA Membership/Materials/Hospitality Polos)</p>
<p>Introduction to Health Occupations 93900</p>	<p>This one-semester course serves as an introduction to the Health Occupations Vocational program at Southern Nevada Vocational Technical Center. It is designed to be offered during students' sophomore year in high school. The course provides an Introduction to the major course content of the junior and senior years of the program. Individual units will be presented in Introduction to Healthcare as a Profession, Medical Terminology, Body Systems in Relation to Medical Terminology, Infection Control Practices, Recognition of Illness. Math Applications in Healthcare, Mental Health, and Self-Esteem and Teen Sexuality. Throughout the course, students will be expected to apply reading and writing skills, basic math skills, and professional communication skills. This course will fulfill one-half elective credit needed for graduation.</p>	<p>\$50.00*(Lab Materials)</p>
<p>Introduction to Medical Terminologies 63520</p>	<p>This one-semester course is an introductory course for students interested in health-related careers. It is designed to introduce the students to the vocabulary, knowledge, and skills required for entry into health-related occupations. Students receive instruction in the vocabulary of human anatomy and physiology, basic health care skills, first aid, cardiopulmonary resuscitation (CPR), and health care practices. Students' medical, ethical, and legal responsibilities pertaining to future careers in the health field will be integrated into the course. Students will also be introduced to health-related occupational skills required in the world of work. Medical Terminologies will fulfill one-half elective credit required for high school graduation.</p>	
<p>Human Diseases, Injuries, and Conditions 65600</p>	<p>This one-year course is designed to expose students to information about human diseases, injuries, and conditions of each body system. Students will utilize previously learned information regarding normal structure and function and assessment to develop an understanding of disease, injury, and condition processes. Case studies will be used to stimulate problem-solving and critical-thinking skills. Additionally, students will study medical asepsis and disease control and wellness and disease prevention. This course will fulfill one elective credit required for high school graduation.</p>	
<p>Dental Assisting Procedures I 90610</p>	<p>This one-year course is designed for the student interested in a career in the dental field. It covers all procedures utilized in the dental office during the practice of dentistry. It gives students a vast knowledge base of dental anatomy, dental disease processes and treatment. It develops the dexterity, knowledge and communication skills needed to work as a dental assistant. Emphasis is placed on developing critical-thinking skills, research skills, and necessary techniques. Independent study projects and inquiry based learning experiences are integral parts of the course requirements. 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.</p>	<p>\$100.00* (Includes CPR course/Name tag/Consumables)</p>

Dental Materials and Radiology 90620	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.	
Respiratory Therapy I 90630	This one-year, two-period course provides students with the principles of respiratory. Areas of emphasis include medical terminology, medical math, 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 two of the elective credits required for high school graduation.	\$100.00* (Includes Materials/CPR course/Stethoscope/Name Badge)
Respiratory Therapy Practices 90640	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.	
Nursing Assistant 98300	This one-year, three-period course is designed to provide students with the knowledge and 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. Due to certification requirements, a student must complete the program in its entirety. 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 three of the elective credits required for high school graduation.	\$100.00* (Includes Materials/CPR course)
Energy-Power-Transportation Systems I 86240	This one-year course is designed to provide students with an introduction to the various forms of energy conversion, power application mechanisms, and transportation systems. Students will engage in the use and development of energy conversion systems such as solar conversion systems, bioconversion systems, and other renewable energy sources. Students will also explore power application and transmission mechanisms such as hydraulics, pneumatics, and mechanical control systems. Fossil fuel conversion systems and the maintenance and repair of small air-cooled internal combustion engines will be also a part of this course. This course will fulfill one of the elective credits required for high school graduation.	\$40.00 (Lab Materials)
Energy-Power-Transportation II 86460	This one-year course is designed to provide students with hands-on learning opportunities focusing on topics including robotics, alternative fuels, waste management, ergonomics, hydrology, and environmental issues. Through problem-based learning strategies, students will learn to collect data, collaborate, and debate ideas before drawing conclusions on a variety of energy conversion systems and other renewable energy sources. Students will apply critical thinking strategies to solve a variety of environmental as well as ergonomic issues impacting the transportation field. Process skills such as decision making, problem solving, and creative thinking are combined with direct application of	\$40.00 (Lab Materials)

	<p>math, science, and writing skills to challenge students who have a career interest in the transportation industry. Real world application of skills learned in this course provides students with a solid understanding of the opportunities that exists in the transportation field. The appropriate use of technology is an integral part of this course. This course will fulfill one of the elective credits required for high school graduation.</p>	
<p>Transportation Electronics Technology 86430</p>	<p>This one-year course is designed to prepare students for training in the transportation industry. The program integrates alternating current and direct current electronics to train future technicians working with transportation system vehicles and automobiles that include computer-integrated technology. Instruction in transportation electronics technology enables students to enter post secondary programs or other technician training programs with the necessary competencies relevant to the electronics requirements for this career. The students will be exposed to theoretical electronics training and practical problem-solving techniques that relate to the automobile and related transportation vehicles. This course will fulfill one of the elective credits required for high school graduation.</p>	<p>\$40.00 (Lab Materials)</p>
<p>Transportation Systems I 86750</p>	<p>This one-year course provides students with a problem-based learning approach to introduce the fundamentals of suspension, steering, brakes, electrical, and engine performance diagnostics as applied to various transportation vehicles. Students use diagnostic equipment to troubleshoot and service modern automotive computerized control systems. Scientific, mathematics, and communication concepts 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 two of the elective credits required for high school graduation.</p>	<p>\$40.00 (Lab Materials)</p>
<p>Diesel Technology I 96700</p>	<p>This one-year, three-period 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 three of the elective credits required for graduation.</p>	

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

Design Academy

Course	Course Description	Prerequisites
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.	\$40.00 (Includes DECA Membership/Supplies)
Fashion Fundamentals 80010	This one-year course is designed to provide students with the fundamentals of fashion concepts, vocabulary, history, and trends within the fashion industry. Using project-based strategies, students apply the principles of fashion 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 elective credit required for high school graduation.	\$90.00 (Includes DECA Membership/Supplies)
Sewing Fundamentals 80050	This one-year course is designed to provide students with the sewing fundamentals required for the fashion or interior design industry. Areas of emphasis include the use and care of sewing equipment, fiber, fabric and pattern selection, pattern interpretation, and construction techniques. Students construct a variety of fashion or interior décor 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.	
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.	
Advanced Sewing Techniques 80060	This one-year course is designed for the student who has successfully completed the Sewing Fundamentals course. Students construct a variety of challenging fashion projects using advanced techniques. Areas of emphasis include fitting, alterations, and couture 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.	\$130.00 (Includes DECA Membership/Supplies)
Pattern Drafting 80070	This one-year, one-period or two-period 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.	

<p>Interior Design I 80030</p>	<p>This one-year course is designed to introduce the needs, values, and culture that influence housing decisions. 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.</p>	<p>\$90.00 (Materials and supplies)</p>
<p>Computer-Aided Drafting and Design (CADD) 86500</p>	<p>This one-year course introduces the student to the fundamentals of mechanical, basic technical, 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 drawings, pictorial drawings, dimensioning, auxiliary views, and intersections. Students will gain experience using both sketching techniques and computer assisted drafting programs. Various career opportunities and areas for post-secondary study will be explored. This course will fulfill one of the elective credits required for graduation.</p>	<p>\$30.00 (Supplies)</p>
<p>Architectural CADD 59500</p>	<p>This one-year course is designed for students who have successfully completed Computer-Aided Drafting and Design (CADD). Students learn about construction, building materials, and various architectural drafting techniques. Students create three-dimensional models using a variety of drafting and design software. 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>Interior Design II 80040</p>	<p>This one-year course is designed to emphasize the backgrounds, furnishings, and accessories used in the interior design industry. Students investigate the evolution of architecture and furnishings throughout history. Using project-based strategies, students apply the principles of design to create a variety of 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>\$90.00 (Materials and supplies)</p>
<p>Introduction to Engineering Design 86330</p>	<p>This one-year course utilizes a problem-based learning approach to teach the design development process in engineering. Students will use solid modeling and computer design software to analyze, create, and construct engineering projects. The use of technology is an integral part of this course. This course will fulfill one of the elective credits required for high school graduation.</p>	<p>\$60.00 (Materials and supplies)</p>
<p>Principles of Engineering 86420</p>	<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>	<p>\$90.00 (Materials and supplies)</p>
<p>Digital Electronics 86690</p>	<p>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.</p>	<p>\$90.00 (Materials and supplies)</p>

Fabrications 92150	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.	
Computer Graphics I 90100	This one-year course is designed as an introduction to computer art/graphic design and architectural drawing/design. Emphasis will be placed on learning the elements and principles of design and the language and skills associated with Discipline-Based Art Education (aesthetics, art history, art criticism, and production) as a foundation for and an introduction to traditional and contemporary components of graphic design and architecture. The development of independent and group problem solving skills will allow students to survey and use applications found in a variety of art and design software, as well as hardware and peripherals found in professional work environments. Graphic designers, art directors, architects, and other related computer graphics professionals will be involved in this career-option intensive/inventive course through visits, demonstrations, and examples. This course will fulfill either the one-half required computer credit and one-half elective credit or one of the elective credits required for graduation.	\$30.00 (Includes SkillsUSA Membership/flash drive)
3D Animation and Graphics I 79800	This one-year course provides students with the basic principles of traditional two-dimensional cel and-computer-animation, with-an introduction to three-dimensional animation and-graphics. The course explains storyboarding, character creation, and storytelling through animation. It describes traditional cel animation techniques and equipment. Projects are provided to develop the student's animation skills as used in storyboarding, character description, background development, and in the use of two-dimensional cel-oriented computer programs. Additional projects are provided to introduce the student to path-oriented, three-dimensional animation. Prerequisites include two credits of C or better in computer-based classes. This course will fulfill one of the elective credits required for high school graduation.	\$30.00 (Includes SkillsUSA Membership/flash drive)
Website Science I 94700	This one-year course is designed to provide students with the skills to use applications in which the production display precisely represents the appearance displayed to the end user (WYSIWYG, what you see is what you get) applications. Students progress to XHTML (extensible hypertext markup language), PHP, Flash, ASP (active server pages), CSS (cascading style sheets), JavaScript, Java applets, website design, and layout theory. 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. This course fulfills one of the elective credits required for high school graduation.	

<p>Website Science II 86600</p>	<p>This one-year, one-, two-, or three-period course is designed for students who have successfully completed Website Science I or Website Design and Construction I & II. Students incorporate automation, animation, and interactivity in websites. Additional topics including eXtensible Hypertext Markup Language (XHTML), eXtensible Markup Language (XML), PHP, ASP, interactive databases, Virtual Reality Mark-up Language (VRML), Transmission Control Protocol/Internet Protocol (TCP/IP), and web servers expand the students' knowledge of website construction. 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. This course fulfills one, two, or three of the elective credits required for high school graduation.</p>	<p>\$30.00 (Includes SkillsUSA Membership/flash drive)</p>
<p>Media Production for the 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>Digital Game Programming I 90150</p>	<p>This one-year course is designed to introduce students to the elements and structure of game programming. The areas of major emphasis in the course are game methodology, game genres, game theory, 2D interactive experiences, and immersive environments. Students will design and refine in addition to implementing the adventure. 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 elective credit required for high school graduation.</p>	
<p>Digital Game Programming II 90160</p>	<p>This one-year course is designed to allow students to advance their knowledge and skills dealing with electronic game programming. The areas of major emphasis in the course will be implemented in immersive environments and will include development of the student's individual genre of choice and to explore the potential for multi-genre development. Students will design and refine in addition to implementing the adventure. 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 elective credit required for high school graduation.</p>	
<p>3D Animation and Graphics II 81000</p>	<p>This one-year, one-, two-, or three-period course provides students with the continuing principles of traditional two-dimensional cel and computer animation and 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 up to three of the elective credits required for high school graduation.</p>	<p>\$30.00 (Includes SkillsUSA Membership/flash drive)</p>

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

RECOMMENDED COURSE OF STUDY BY PROGRAM

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*	Food Production II	Elective*
Elective*	Food Production I	Culinary Arts I (2 credits)	Culinary Arts II (2 credits)
Introduction to Hospitality/ Introduction to Culinary Arts	Commercial Kitchen Basics		

*Recommended Electives: Spanish or French

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 II	Marketing III
Elective*	Marketing I	Hospitality Management I (2 credits)	Hospitality Management II (2 credits)
Introduction to Hospitality/ Introduction to Culinary Arts	Introduction to Travel & Tourism/Travel & Tourism II		

*Recommended Electives: Spanish or French

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	Introduction to Health Occupations/Introduction to Medical Terminologies	Nursing Assistant (3 credits)	Elective Medical Assisting (2 credits)
Elective	Elective		
Introduction to Health Occupations/Introduction to Medical Terminologies	Human Diseases, Injuries, and Conditions		

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	Elective
Health/Freshman Studies	Introduction to Health Occupations/Introduction to Medical Terminologies	Dental Materials and Radiology	Elective
Elective	Elective	Dental Assisting Procedures I (2 credits)	Dental Assisting Procedures II
Introduction to Health Occupations/Introduction to Medical Terminologies	Human Diseases, Injuries, and Conditions		Dental Clinical Internship

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	Introduction to Health Occupations/Introduction to Medical Terminologies	Respiratory Therapy Practices	Respiratory Therapy Internship
Elective	Elective	Respiratory Therapy I (2 credits)	Respiratory Therapy II
Introduction to Health Occupations/Introduction to Medical Terminologies	Human Diseases, Injuries, and Conditions		

AUTOMOTIVE 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	Diesel I	Diesel II
Elective	Electronics for Transportation	Transportation Systems I (2 credits)	Transportation Systems II (2 credits)
Energy, Power, and Transportation I	Energy, Power, and Transportation II		

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*	Graphic Design	Elective
Elective*	Fashion Fundamentals	Advanced Sewing Techniques	
Foundations of Design	Sewing Fundamentals	Pattern Drafting	Internship or Portfolio Development (2 credits)

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

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	Elective
Elective*	Interior Design I	Interior Design II	Interior Design III (2 credits)
Foundations of Design	CADD	Architectural CADD	

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

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	Elective
Elective*	CADD	Digital Electronics (1 credit)	Engineering Design and Development (2 credits)
Introduction to Engineering	Principles of Engineering	Fabrication (1 credit)	

*Recommended elective: 9th – Art I 10th – Art I/Drawing I

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 Programming II (2 credits)	Advanced Gaming
Elective	3D Animation and Graphics I	3D Animation and Graphics II	Internship or Portfolio Development (2 credits)
Computer Graphics	Digital Game Programming I		

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 (2 credits)	
Elective	Website Science I	Media Production for Web	Website Science III
Computer Graphics	3D Animation and Graphics I		Internship or Portfolio Development (2 credits)