



TABLE OF CONTENTS
Southeast Career Technical Academy
5710 Mountain Vista Street
Las Vegas, NV 89120
Office: 799-7500 Fax: 799-2007
webuildfutures.net

Table of Contents	1
Introduction	2
How to Use This Catalog	2
Repeating of Course	3
Schedule Changes/Dropping a Class	3
Required Class Load	3
Graduation Requirements	3
Code of Honor	5
Academic Load Requirements	6
Transcript Interpretation	11
Sample Transcript	12
Academic Recognition	13
Physical Education II Waiver	14
Credit Opportunities Outside the Regular Classroom	15
College Preparation	17
Athletic Eligibility	19
Other Important Information	20
Pre-Registration Guidelines	21
Academic Courses (offerings that meet requirements)	22
English	23
English Honors	25
Mathematics	26
Mathematics Honors	28
PE/Health	31
Science	32
Science Honors	33
Social Studies	36
Social Studies Honors	36
Electives	38
Individualized Education	44
Career and Technical Majors	45
Arts & Communications	46
Financial Services	50
Construction Engineering	51
Cosmetology	52
Culinary Hospitality	53
Health Sciences	53
Transportation	55
Tech Prep Credit Information	56
High School Four Year Plan	57
Instructional Fee List	58

INTRODUCTION

The courses that will be offered for the 2011-2012 school year are courses selected during spring pre-registration. Generally, if twenty-five or more students are pre-registered for a course, it will be offered in the curriculum for the next school year. However, if during final registration fewer students are signed-up for a course, usually it will be canceled and those students will be rescheduled into alternate courses.

Students are reminded to discuss course selections with their parents, teachers, and counselor before pre-registration and choose their classes carefully. Courses should be chosen which will challenge and prepare students for their career/technical major or college education. Students will be scheduled into the classes selected during pre-registration unless those classes are filled or canceled.

Parents and students should be aware of Southeast Career Technical Academy's commitment to providing a rigorous and challenging curriculum. Student placement in classes will be based upon several factors: (a) teacher recommendation, (b) previous grades in similar courses, (c) parental guidance, and (d) interest of the student. Additionally, every effort will be made to appropriately place students in challenging courses, which coincide with the student's assessed ability as indicated by his/her stanine scores or national percentile rank on standardized tests, such as the Iowa Test of Educational Development. It is essential that parents and students understand that changing class placements without significant extenuating circumstances will not occur.

HOW TO USE THIS CATALOG

Read the Course Catalog descriptions before pre-registering. Prerequisites are listed in the catalog to help students and parents make the best educational decisions possible. Students must meet the prerequisites of a course before they can pre-register for that course. If a student does not meet the prerequisites, he/she must request permission to challenge the course before he/she may enroll. Note however, a student who challenges a course must remain in the class for at least one semester.

DISCRIMINATION LANGUAGE

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

CCSD GUIDANCE & COUNSELING WEBSITE

The Guidance and Counseling Website 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 will be 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, career and technical schools, military opportunities, or to go directly to work. For details visit: www.ccsd.net/cpd, select Guidance and Counseling from the student section for the information.

SOUTHEAST CAREER TECHNICAL ACADEMY COUNSELING CENTER WEBSITE ON webuildfutures.net

Southeast Career Technical Academy's ParentLink Counseling Center website is designed to provide current information to assist with career or educational decisions. Information is provided on college and career planning; UNLV, UNR, NSC and CSN admissions deadlines; college entrance exam dates; college recruiting visits to Southeast Career Technical Academy; financial aid and college loans; Nevada High School Proficiency Examinations; and the Selective Service System. Additionally, internet links are provided to numerous websites concerning career and job research, site specific college details and online admissions, practice math proficiency exams; scholarship and financial aid, NCAA college athletic eligibility, ROTC information, and the Western Undergraduate Exchange Tuition Discount Program. Southeast Career Technical Academy parents and students can get their own ParentLink access account through Mrs. Yeoman.

DUPLICATE COURSE WORK - REPEATING COURSES

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.

SCHEDULE CHANGES/DROPPING A CLASS

Since much advanced planning and guidance are provided for each student prior to registration, schedule changes will not be made after registration. Those changes made after classes start must be based on a specific educational reason (misplacement, graduation requirement needed, etc.). After fifteen (15) days into the semester, no student may change or withdraw from a class due to the required number of hours to earn credit. Students who drop a class after the fifteen (15) day limit will receive an "F" on the semester transcript. Year-long classes are scheduled as such. Therefore, students are expected to remain in the class for the duration of the academic year unless one of the exceptions noted above is met.

The Administration may, due to increased/decreased enrollment and staff changes, balance course sections by transferring students from one class and/or teacher to another section. Every effort will be made to ensure a smooth transition for students.

REQUIRED CLASS LOAD

Southeast Career Technical Academy requires that all 9th, 10th, and 11th grade students must be enrolled in a full schedule of seven classes.

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.

Students on a reduced schedule **must leave campus immediately** after their last class, unless they are under the direct supervision of a teacher. Students who fail to do so will be assigned to a full schedule. All schedules must be continuous. The students' class schedule becomes their "passport" to arrive "late" on campus or leave "early."

GRADUATION REQUIREMENTS

2011-2012 GRADUATION REQUIREMENTS

Nevada High School Proficiency Examination Required For Graduation

To receive a diploma from a Nevada high school, students must pass the Nevada High School Proficiency Examinations in addition to meeting course requirements. In compliance with Nevada Revised Statutes, tests in reading, writing, science, and math are aligned to the 1998 academic standards. The first opportunity to take the 98 series mathematics, reading, and science exams is in the spring of the sophomore year. During the junior year, students have two opportunities to take the mathematics, science, reading, and writing exam. Students who do not pass all four tests by the end of their junior year will have three additional opportunities during their senior year. 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.

COUNTY SCHOOL DISTRICT REPEAT COURSE AUTHORIZATION FORM

Student Name: _____ Student #: _____ Grade: _____

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)."*

Guidelines for the use of repeat tags:

- Repeated course work is course for course i.e., English II for English II or Algebra I for Algebra I.
- A student may repeat a higher-level course i.e., Algebra II H to replace Algebra II or English II H for English II.
- A student may not repeat a lower-level course i.e., Algebra II to replace Algebra II H or English II for English II H. If repeated, the credit for these courses should be split between the two repeated courses (.250 credit for each semester).
- If a student takes a lower level course to replace a higher level course where they earned a grade of F, the higher level course cannot be replaced with a repeat tag. The F remains and the student receives .5 credit for the lower level course.
- A student may only repeat the course one time for a higher grade. If the student opts to repeat the course a second time, the credit for these courses must not exceed .5 credit, two courses may need to be split for .250 for each semester.
- The course work must be of equal credit value.
- Credit-by-exam or Adult Ed Competency Based tests are not permitted.
- A repeated course will only remove one failed (F) grade.
- Do not "repeat Tag" repeatable courses.
- Repeated course must be completed while student is enrolled in CCSD.

I am aware of the CCSD policy regarding repeating courses. I wish to repeat the following class(es).

Course(s) to be repeated: _____

Student signature: _____ Date: _____

Parent/Guardian Signature : _____ Date: _____

For office use only

Counselor gave transcript to registrar: _____ Date: _____

Registrar processed repeat tags (RP) and returned to counselor: _____ Date: _____

Distribution: White - Counselor Yellow - Registrar Pink - Student

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

What is plagiarism?

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

- Submitting someone else's work, such as published sources in part or whole, as your own without giving credit to the source
- Turning in purchased papers or papers from the Internet written by someone else
- Representing another person's artistic or scholarly works such as musical compositions, computer programs, photographs, drawings, or paintings as your own
- Helping 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 towards your child's school administration and/or the school district.

MATRICULATION ACADEMIC LOAD REQUIREMENTS

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

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

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

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

STANDARD DIPLOMA

Starting with the Class of 2010 and beyond

The following subjects are needed to meet graduation requirements:

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

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

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

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

To receive a diploma from a Nevada high school, students must pass the Nevada High School Proficiency Examination in 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.

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 Ed. Elective	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.

ADVANCED HONORS DIPLOMA

For students starting with the Class of 2011 and beyond

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. Students must achieve a minimum of a 3.25 unweighted GPA and 3.85 weighted GPA.

Honors Course Program	
Minimum Required 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

* First year foreign language classes will not receive Honors credit.

HONORS DIPLOMA

For students through the Class of 2010

This diploma opportunity is available for students through the class of 2010. Students planning to apply to universities with competitive admission requirements may pursue the CCSD Honors Diploma. The course work in Honors, Advanced Placement (AP) or International Baccalaureate (IB) classes is more intensive and rigorous. To qualify for the Honors Diploma, a student must accumulate a minimum weighted GPA of 3.50 and complete the above twelve minimum requirements in honors/AP/IB classes.

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.

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. The plan includes students and parents:

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

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

TRANSCRIPT INTERPRETATION GUIDE

1. Current grade level based on years in school
2. Anticipated year of graduation
3. High school in which student is currently enrolled
4. Computer literacy requirement earned in middle school
5. PE II Waiver earned from participation in an approved interscholastic activity
6. Term:
 - 01 means First Semester
 - 02 means Second Semester
7. GPA is the semester grade point average of the semester grades you earned in all your classes.
8. Work in Progress refers to courses in which student is currently enrolled.
9. Grade Point Average (GPA) Summary includes:
 - Non-Weighted GPA is the grade point average for all courses taken
 - Weighted GPA is the Honors grade point average
 - Class rank shows the student's place in his/her graduating class according to GPA as compared to students
10. Credit Summary for a Standard Diploma includes:
 - Req. – Credit(s) required which must be completed for graduation
 - Cmp. – Total Credits completed to date in specific courses
 - Def. – Credits needed in specific courses to be completed for graduation

The above reflect the courses needed by subject area to graduate.
11. Testing Information:
 - * Most current status of required proficiency exams (required for graduation)
12. Date transcript was printed

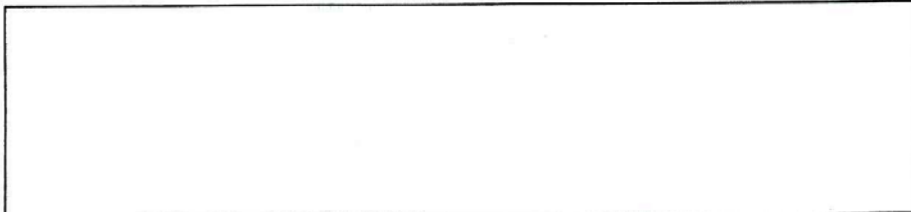
Student Name			1
Student ID	Grade 10	Gender F	
Birth Place	Date Of Birth	Ethnic Code	

ACADEMIC HISTORY

Enter Date: 09/03/03
 Leave Date:
 Class Of: 2010 2
 Diploma Type:

School Name/Address		3
870-Southeast Career & Tech Academy		
5710 Mountain Vista Street		
Las Vegas, NV 89120		
Tel: 702-799-7500	Fax: 799-0722	
School Alternate Number: 412		

Crs ID	Course Title	Grade	Ab	Credit	Work In Progress	GPA Summary					
535-Woodbury Middle School					Crs ID	Course Title	Credit	GPA Summary 9			
Grd 09	1/2004	Term: 01						13370000	Intro to Bus & IT	0.500	Non-Weighted GPA: 3.619
10460000	Comp Literacy 6	P	3					13820400	Span Spkr II H	0.500	Weighted GPA: 3.669 Class rank is 86 of 456
870-Southeast Career and Tech Academy					14310000		English II	0.500	Total Credits Attempted: 11.500		
Grd 09	1/2007	Term: 01			14830000	Geometry	0.500	Total Credits Earned: 11.500	Testing Information 11		
13000000	Art I	B		0.500	16460000	PE II	0.500	Proficiency Tests HS Reading Not taken HS Writing Not taken HS Mathematics Not taken			
13570000	Intro Computer	A		0.500	16760000	Biology I	0.500				
14300000	English I	A		0.500	17010400	World History H	0.500				
14790000	Algebra I	B		0.500	23370000	Intro to Bus & IT	0.500				
16450800	PE I	A	1	0.500	23820400	Span Spkr II H	0.500				
16620000	Span Spkr I	A	1	0.500	24310000	English II	0.500				
16660000	Prin of Science	A		0.500	24830000	Geometry	0.500				
Crđ Att: 3.500	Cmp: 3.500	GPA for Term: 3.714			26520000	Weight Training	0.500				
870-Southeast Career and Tech Academy					26760000		Biology I			0.500	
Grđ 09	6/2007	Term: 02			27010400	World History H	0.500				
13310000	Tools for Success	A		0.500	Credit Summary - Standard Diploma 10						
16420000	Health Education	B		0.500	Subject Area	Req	Cmp	Def			
24300000	English I	A		0.500	English 1 (1)	0.500	0.50				
24790000	Algebra I	A	1	0.500	English 1 (2)	0.500	0.50				
26450800	PE I	A		0.500	English Other	3.000	0.50	2.50			
26620000	Span Spkr I	A		0.500	Applied Algebra 1A (1)		0.00				
26660000	Prin of Science	A	1	0.500	Applied Algebra 1A (2)		0.00				
Crđ Att: 3.500	Cmp: 3.500	GPA for Term: 3.857			Applied Algebra 1B (1)		0.00				
870-Southeast Career and Tech Academy					Applied Algebra 1B (2)			0.00			
Grđ 10	1/2008	Term: 01			Algebra (1) or above	0.500	0.50				
13370000	Intro to Bus & IT	B		0.500	Algebra (2) or above	0.500	0.50				
13820400	Span Spkr II H	B	1	0.500	Mathematics	2.000	0.50	1.50			
14310000	English II	B	2	0.500	Physical Education I	1.000	1.00				
14830000	Geometry	B	1	0.500	Physical Education II	1.000	1.00				
16460000	PE II	A		0.500	Health Education	0.500	0.50				
16600000	PE II Waiver	P		1.000	Science	2.000	1.50	0.50			
16760000	Biology I	B	1	0.500	Wrld Hist/Human (1)	0.500	0.50				
17010400	World History H	A	1	0.500	Wrld Hist/Human (2)	0.500	0.00	0.50			
Crđ Att: 4.500	Cmp: 4.500	GPA for Term: 3.286			U.S. History (1)	0.500	0.00	0.50			
					U.S. History (2)		0.500	0.00	0.50		
					U.S. Government (1)		0.500	0.00	0.50		
					U.S. Government (2)		0.500	0.00	0.50		
					Use of Computers		0.500	0.50			
					SocStd/Arts/Human/OccEd		0.000	0.00			
					Electives		7.500	3.50	4.00		
					-----Total Credits-----		22.500	11.500	11.00		



Transcript is unofficial unless signed by a school official

Registrar's Signature

Date: 02/26/08

ACADEMIC RECOGNITION

GRADE POINT AVERAGE

In order to determine a student's rank in class, a grade point average (GPA) is used. Under this system grades are evaluated as follows: each A=4 points; each B=3 points; each C=2 points; each D=1 point; each F=0 points. The points are totaled and divided by the number of one-half credit classes taken. The GPA is a cumulative total beginning with the student's ninth (9th) grade, on any high school courses taken in middle school (Please refer to section "*Weighted Honors Course*," page 9).

ACADEMIC HONORS

Graduating seniors of the Class of 2012 will be given special academic recognition at graduation in June 2012, if they achieve *Honors* or *High Honors* status. The Honors and High Honors academic recognition is based on the senior's cumulative grade point average (GPA) of all high school courses completed between middle school and the last semester of his/her senior year. Seniors attaining *Honors* recognition are graduating with a cumulative GPA of 3.5 to 3.799 with no Fs on the transcript. Seniors earning *High Honors* recognition are graduating with a cumulative GPA of 3.8 or higher with no Fs on the transcript.

VALEDICTORIAN AND SALUTATORIAN

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

ACADEMIC LETTER

Academic Letters are awarded to the student receiving all **A** grades for both semester grading periods during one calendar school year. For each subsequent year, the student meeting the Academic Letter requirement will receive a bar to attach to the Academic Letter.

GOVERNOR GUINN MILLENNIUM SCHOLARSHIP PROGRAM

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

CAREER AND TECHNICAL CERTIFICATES

Upon successful completion of a career and technical training program, students are issued a certificate that shows their level of skill competencies, hours of instruction, attendance record and a brief explanation of skill rating standards.

- * Students are eligible to receive a competency certificate if they maintain a 2.0 grade point average over the duration of the career and technical training program.
- * A standard certificate is awarded to students who have earned a 2.0 or better grade point average in their respective training programs.
- * A certificate with Honors is awarded to students who have earned a 3.5 or better grade point average in their respective training programs.

PHYSICAL EDUCATION II WAIVER CREDIT

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

Basketball – Varsity, Junior Varsity, B-Team

Bowling

Cheerleaders – Varsity, Junior Varsity, B-Team

Cross Country – Varsity

*Football – Varsity, Junior Varsity, B-Team

Golf – Varsity

*Marching Band

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

Soccer – Varsity, Junior Varsity

Softball – Varsity, Junior Varsity, B-Team

*Songleaders/Flags/Mascots

Swimming – Varsity

Tennis – Varsity

*Track – Varsity

Volleyball – Varsity, Junior Varsity, B-Team

*Wrestling – Varsity, Junior Varsity

NOTE: In order to receive a physical education exemption, the student must satisfactorily complete the activity.

*Southeast Career Technical Academy students may participate in these activities at their zoned school if their schedule permits.

CREDIT OPPORTUNITIES

SEE YOUR GUIDANCE COUNSELOR – PRIOR APPROVAL REQUIRED

Students may earn up to six external credits toward graduation. Credit will not be granted without **prior approval** and completion of course work within twelve months of the date of application. Applications are available in the school counselors' office.

The student must be currently enrolled in a Clark County School District senior high school. All external credit must be completed beyond the student's regular school schedule. Pass/Fail credit will be granted for all external credit options except dual credit, enrichment programs, and correspondence courses. The Clark County School District does not accept the responsibility for the student's personal or financial liability.

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.

CONCURRENT CREDIT OPTIONS

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

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

COLLEGE PREPARATION

For the University of Nevada System

The minimum graduation requirements do not necessarily qualify you for college. If you know which college or university you want to attend, check with your counselor or the reference material in the Career Center for admission requirements, or visit the Southeast Career Technical Academy ParentLink Counseling Center website where you will find information on college planning and website links to all local and many regional colleges. If you do not know which college you will attend, it is recommended that you fulfill the following minimum requirements to ensure admission:

1. Four years of English (4 credits) - English I, II and two years of the advanced English courses such as American Literature or Composition
2. Four years of mathematics (4 credits) - Algebra I, Algebra II, Geometry, Trigonometry, Pre-calculus and Calculus meet these requirements
3. Three years of social studies (3 credits) - World History, US History and US Government will fulfill this requirement
4. Three years of science (3 credits) - all science classes at Southeast Career Technical Academy meet requirement
5. Computer Science or Keyboarding earn ½ credit

COLLEGE READINESS ASSESSMENTS

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

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

It is expected students will take the AP exam in May. See your school counselor if you have a financial hardship.

LET'S COMPARE THE ACT AND SAT I

*AMERICAN COLLEGE TEST
(ACT)*

*SCHOLASTIC ASSESSMENT TEST
(SAT I)*

TEST FEE:	\$32.00	\$47.00
TEST PURPOSE:	Measures academic achievement in English mathematics, reading, and science reasoning. Test contains analytical and problem-solving exercises.	Designed to measure academic aptitude in terms of verbal and numerical reasoning.
TEST CONTENT:	25% - English 25% - Mathematics 25% - Reading 25% - Science Reasoning	1/3 - Verbal 1/3 - Mathematics 1/3 - Writing
METHOD OF SCORING:	Scores are based on number of correct. Scores adjusted for guessing answers. No penalty for guessing.	
TEST SCORE SCALES:	English Test: 1-36 Reading Test: 1-36 Mathematics Test: 1-36 Science Reasoning: 1-36 ACT Composite: 1-36 (average of 4 test scores)	Verbal Test: 200-800 Mathematics Test: 200-800 Writing Test: 200-800 SAT I Total: 600-2400 (sum of 3 tests)

Please Note: Every effort has been made to represent the ACT and SAT I information accurately and concisely. All information has been drawn from official publications of the organization offering the tests.

**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 enrollment's attendance zone.
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.

1. If a student-athlete chooses to return to the school of residence from a magnet school, he/she would be ineligible for the remainder of that school year and for 180 school days in any sport in which he/she appeared on an NIAA roster during his/her attendance at the magnet school.
2. A student-athlete who is accepted to, and thereafter attends, a magnet school, which does not offer a comprehensive athletic program, may retain eligibility at the student-athlete's school of residence to participate in any sport not offered at the magnet school.
3. A student-athlete must be enrolled in at least two units of semester credit and must be in regular attendance at a member or affiliated school for each semester the student-athlete participates in any NIAA sport. A student-athlete must pass a minimum of two units of credit the previous semester. Student-athletes failing to do so shall be ineligible for one semester unless they are passing two units of credit at the nine-week grading period, at which time they will be placed on weekly probation. If at any time during the probationary period, the student-athlete receives a failing grade, the student-athlete shall become ineligible for the remainder of the semester without further recourse.
4. A student-athlete must maintain a 2.0 grade point average during the prior semester, based on a 4.0 grading system. A student-athlete who fails to meet this requirement shall be ineligible until grades are checked at the next nine-week period.
5. If a student repeats a class during summer school, grades shall be computed in accordance with the regulation of the specific school district. The summer school grade may be used as it best benefits the student-athlete in the previous or current semester. Grades may only be used one time for this purpose.
6. All student-athletes participating in interscholastic athletics must also pass two credits for the immediately preceding nine-week grading period (exception would be first quarter 9th grade students). Student-athletes must also maintain passing grades in all classes during their sport season.

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 (through 2012)</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.

OTHER IMPORTANT INFORMATION

COUNSELING SERVICES

The counselors are available to work in many different ways. They will provide assistance with the proper selection of classes and then monitor academic performance. Throughout the school year, they will meet with students and disseminate information about testing, career and employment opportunities, colleges, technical and business schools, the armed services, scholarships and financial aid. Much of this information is also duplicated and available online at the ParentLink Southeast Career Technical Academy Counseling Center website. The counselors provide personal/social counseling by working with students, parents, school personnel, and community agencies.

Students are assigned to counselors by alphabetical breakdown. To see a counselor, a student should go to the counseling office before or after school or during lunch to sign up for an appointment and get a pass to return for that appointment.

CLASS CHANGE REQUEST POLICY

Schedule change requests, which stem from lack of effort on the student's part or poor student discipline or attendance, are not granted. These problems should be resolved through counseling, discipline referrals, and conferences. Due to Nevada State Department of Education regulations, no student schedules will be changed after the first three weeks of the current semester. Students who feel they are misplaced in a class should contact their counselor immediately. Class changes will NOT be granted to accommodate a change in a student's lunch period or to change from/to a specific instructor.

Requests for a schedule change are only considered during the first three weeks of the school year and for the following reasons:

1. The student needs another class for remediation.
2. The student had already received credit for the class.
3. Another class is more appropriate for career or college preparation.
4. Counselor error in student placement.

In conformance to accreditation guidelines, the administration may, due to increased/decreased enrollment and staff changes, balance course sections by transferring students from one class and/or teacher to another section. Every effort will be made to ensure a smooth transition for students.

TESTING

The Nevada High School Proficiency Exam will be administered to 10th and 11th grade students and all non-tested or non-proficient 12th grade students. All sophomore students will take the PSAT. The English Language Proficiency Assessment will be administered to all students of limited English proficiency. The ASVAB (Armed Services Vocational Aptitude Battery) is offered to all interested junior and senior students. This testing program affords students and parents an opportunity to explore achievement, ability, and interest during the high school years. Test scores are used in conjunction with all other information to make the soundest educational decisions possible, including class placement.

PRE-REGISTRATION GUIDELINES

As part of the Graduate Profile, counselors make every effort to aid students in planning their high school program and project this program toward long-term goals. However, the ultimate responsibility for the individual program must still rest with the **STUDENT** and **PARENT**. Therefore, students are encouraged to consider both graduation and post-high school education entrance requirements.

Choose your classes carefully. Students should check their required classes first and then list electives, including two alternate elective choices. In the event some electives are filled or canceled, students will be enrolled in their alternate choice(s) in the order listed. Prior to fall registration, students will be scheduled into the classes selected during pre-registration unless the classes are filled or canceled. Read course descriptions carefully before pre-registering. A copy of the transcript will be given during pre-registration.

Students should discuss their course selections with parents, teachers, and counselor before pre-registration.

Choose courses that will challenge you and that will prepare you for college and/or a career and technical program. We know that most career and technical programs require postsecondary education; therefore, it is prudent to keep your options open by choosing classes that will serve as a stepping stone to further education.

STUDENTS MAY NOT REPEAT A SEMESTER OF A COURSE FOR CREDIT THAT HAS BEEN PREVIOUSLY PASSED (see page 2 for additional information).

All students will enroll in courses to fill the required class load. There may be exceptions to this depending upon credit requirements (see *Required Class Load*, page 2). Student schedules will be created through a computerized scheduling program based upon the courses chosen during pre-registration.

RELEASE OF STUDENT DIRECTORY INFORMATION

Federal legislation provides that all branches of the military have access to three directory information categories – names, addresses, and telephone listings – unless parents have advised the school that they do not want their student's information disclosed without prior written consent. Clark County School District has developed a form for the purpose of allowing parents this option. CCF-823, Release of Student Directory Information, is available online to schools and parents or you may request a hard copy from the school office.

COURSE DESCRIPTIONS AND WORKSHEET

STANINES/NATIONAL PERCENTILE RANK (NPR) FOR COURSE SELECTION

Each course has a recommended ability range. The numbers represent the achievement level a student should have if enrolled in the class. The student's skill or achievement level is derived by using standardized test scores. Each student is assigned a stanine (1-9) or NPR (1-100) score in the areas of reading, language arts (english), science, and math. Recommendations for future classes will be made by counselors' based on students' grades, stanine scores, test scores and achievement level. Students who want to take a class above their achievement level without counselor recommendation may sign a challenge agreement to enroll in the challenged course along with parent signature for approval. **PLEASE NOTE THAT A STUDENT WHO CHALLENGES A COURSE MUST REMAIN IN THE CHALLENGED CLASS.**

PREREQUISITES

Prerequisites are listed in this Course Catalog to help students and parents make the best educational decisions possible. Students must meet these prerequisites to enroll in a course or request permission to challenge the course. Both semesters of a prerequisite course must be successfully completed.

ACADEMIC COURSES

(Our course of study is in accordance with the Clark County School District Secondary Course Guide.)

The following academic courses meet the required course selection for the Standard High School Diploma. Additional academic courses are detailed in the listing of elective courses, which follows this section.

- ◆ ENGLISH
- ◆ MATHEMATICS
- ◆ SCIENCE

- ◆ PHYSICAL EDUCATION / HEALTH
- ◆ SOCIAL STUDIES
- ◆ INDIVIDUALIZED EDUCATION

ENGLISH

ENGLISH I READING & WRITING	<p>This one-year course for 9th grade students emphasizes the application of the reading and writing process to a wide variety of learning situations. This course provides instruction in basic literacy processes by focusing on strategic learning behaviors. Basic grammar skills will be taught. Skill development and a positive attitude toward reading, writing, and studying will be targeted. Activities center on empowering non-proficient students to become independent learners who select and utilize strategies and resources appropriate to the learning situation. English I Reading and Writing may be offered as a block class with the course, Reading Fundamentals. English I Reading and Writing, English I or English I Honors is required for graduation.</p>	Grades: 9 Prerequisite: None Credits: 1 Stanine/NPR: 1-3 / 1-23
READING FUNDAMENTALS	<p>Read 180 is a program and teaching strategy that encompasses two courses and is taught as a block: English I Reading and Writing or English II Reading and Writing along with Reading Fundamentals. This one-year course is designed for students whose reading achievement is below grade level. Emphasis is placed on developing knowledge, strategies, and dispositions students' need to improve reading achievement and engagement. This course does not fulfill one of the English credits required for graduation. This course will fulfill one of the elective credits required for high school graduation and may be repeated once.</p>	Grades: 9, 10 Prerequisite: None Credits: 1 Stanine/NPR: 1-3/1-23
ENGLISH I	<p>This one-year course will emphasize the study of language and composition. The skills of critical thinking, listening, writing, and speaking will be developed with practical application to writing. Basic grammar skills will be taught. A variety of literature selections will be used for the improvement of reading rate, analysis, and comprehension as well as serving as models to develop writing skills. English I Reading and Writing, English I, or English I Honors is required for graduation.</p>	Grades: 9 Prerequisite: None Credits: 1 Stanine/NPR: 4-6/24-76
ENGLISH II READING & WRITING	<p>This course will build on the English I Reading & Writing course, emphasizing the development of writing proficiency, reading comprehension, and reasoning skills. English II Reading & Writing will develop critical thinking, listening, and speaking skills, as well as competencies necessary for the Nevada State Proficiency Exam. These will be taught through a variety of practical applications. In addition, literature study will be expanded and fiction and non-fiction selections will be used for reading improvement and for models to develop writing skills. This course will fulfill one of the four English credits required for graduation.</p>	Grades: 10 Prerequisite: English I Reading & Writing Credits: 1 Stanine/NPR: 1-3 / 1-23
ENGLISH II	<p>This course is a continuation of English I with the primary focus on grammar and composition. It is designed to strengthen communication skills through review and reinforcement of the concepts of grammar and composition as applied to expository writing. Appropriate usage and diction will be developed for further refinement of speech and writing. Grammar and diction will be evaluated in oral discussion and presentations. Reading selections representing various genres will be used for the improvement of reading rate and comprehension, as well as for models to foster the continued development of writing skills. This course will fulfill one of the four English credits required for graduation.</p>	Grades: 10 Prerequisite: English I Credits: 1 Stanine/NPR: 4-6/24-76

ENGLISH CONTINUED

<p>ENGLISH III READING & WRITING</p>	<p>This one-year course will build on the English II Reading and Writing course, emphasizing the development of writing proficiency, reading comprehension, and reasoning skills. Punctuation, composition, and literature study will be expanded. Both reading comprehension and the writing process will be stressed. English III Reading & Writing will continue to develop critical thinking, listening, and speaking skills, as well as competencies necessary for the Nevada State Proficiency Exam. (This course is strongly recommended for students who have failed the Nevada State Reading or Writing Proficiency Exams.) This course will fulfill one of the four English credits required for graduation.</p>	<p>Grades: 11 Prerequisite: English I, II Reading & Writing, have not passed the reading or writing portions of the NHSPE. Credits: 1 Stanine/NPR: 1-3/1-23</p>
<p>ENGLISH III</p>	<p>This one-year course is a continuation of English II with an emphasis on writing skills. A variety of short stories, drama, poetry, and novels will be studied as a basis for composition. Writing will reflect an expansion of critical thinking, listening, reading, and vocabulary enrichment. The multi-paragraph essay will be the predominant form of writing. This course will fulfill one of the four English credits required for graduation.</p>	<p>Grades: 11 Prerequisite: English I & II Credits: 1 Stanine/NPR: 4-6/24-76</p>
<p>ENGLISH IV READING & WRITING</p>	<p>This one-year course is designed to reinforce competence in the communication skills of reading, writing, speaking, and listening. Research and study techniques, writing process, literature study, and occupation applications will be used to enhance the skill areas. (This course is required for students who have not passed the Reading or Writing Nevada State Proficiency Exams.) This course will fulfill one of the four English credits required for graduation.</p>	<p>Grades: 12 Prerequisite: English I, II, III Reading & Writing, have not passed the reading or writing portions of the NHSPE. Credits: 1 Stanine/NPR: 1-3/1-23</p>
<p>ENGLISH IV</p>	<p>This one-year course is a continuation of English III and will emphasize further development of writing skills. Compositions will be assessed using rubrics and standards of the Nevada Proficiency Exam in Writing. Skills in critical thinking, reading, listening, and speaking will continue to be emphasized. Various literacy genres will be studied and used as a basis for composition. This course will fulfill one of the English credits required for graduation.</p>	<p>Grades: 12 Prerequisite: English I, II, III, have passed the reading & writing portions of the NHSPE. Credits: 1 Stanine/NPR: 4-6/24-76</p>
<p>AMERICAN LITERATURE</p>	<p>American Literature is the chronological study of works by American authors from the earliest writings to the present day. In addition to the study of literature, emphasis is placed on vocabulary enrichment, understanding of literary terms, and composition. Video streaming of well-known American novels are shown intermittently when appropriate. This course will fulfill one of the English credits required for graduation.</p>	<p>Grades: 11 Prerequisite: English I, II, have passes the reading & writing portions of the NHSPE. Credits: 1 Stanine/NPR: 4-6/24-76</p>

All students must enroll in English I and English II. However, if a student fails English II and subsequently passes the written portion of the Proficiency Exam, the student may complete another English course in lieu of retaking English II.

ENGLISH HONORS CLASSES

<p>ENGLISH I HONORS</p>	<p>This English I Honors course will emphasize the study of composition and literature. Critical thinking, listening, reading, writing, and speaking skills will be developed through increased knowledge of literary genres with practical application creating the basic multi-paragraph essay. A variety of literary selections will be used for improvement of comprehension, as well as for models to develop writing skills. English I Honors, English I, or English I Reading & Writing is required for graduation.</p>	<p>Grades: 9 Prerequisite: None Credits: 1 Stanine/NPR: 7-9/77-100 in both Reading and Language Arts</p>
<p>ENGLISH II HONORS</p>	<p>This one-year course is a continuation of English I Honors 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.</p>	<p>Grades: 10 Prerequisite: English I Honors Credits: 1 Stanine/NPR: 7-9/77-100 in both Reading and Language Arts</p>
<p>AMERICAN LITERATURE HONORS</p>	<p>American Literature Honors is the chronological study of works by American authors from the earliest writings to the present day. It traces the historical and cultural development of the United States as reflected in literature. Emphasis will be placed on developing critical judgment. This course is designed for the college-bound student who demands a more rigorous study of composition and literary analysis. Literature and composition will be taught concurrently. This course will fulfill either the third or fourth English credit.</p>	<p>Grades: 11 Prerequisite: English I & II Honors, passed the Reading and Writing Proficiency Credits: 1 Stanine/NPR: 7-9/77-100</p>
<p>COMPOSITION HONORS</p>	<p>Composition Honors will follow the same course outline as Composition. However, honor students will be instructed in more advanced writing strategies and will create compositions of greater depth. This course will fulfill the third or fourth English credit required for graduation</p>	<p>Grades: 12 Prerequisite: English I & II Honors or American Literature Honors, passed the Reading and Writing Proficiency Credits: 1 Stanine/NPR: 7-9/77-100</p>
<p>AP ENGLISH LANGUAGE AND COMPOSITION</p>	<p>This course critically analyzes language and its structures. Identification and application of an author's use of rhetoric is a concentrated focus. Students will be classifying and writing essays, building and developing a more sophisticated vocabulary, researching and compiling supportive documentation, and critically analyzing timed writings based on previous AP examinations. This course is designed for the student capable of doing college-level work while still in high school. Students will be expected to complete a summer reading assignment prior to entry. It is expected students will take the AP exam in May.</p>	<p>Grades: 11 Prerequisite:American Literature Honors Credits: 1 Stanine/NPR: 7-9 / 77-100</p>
<p>AP ENGLISH LITERATURE AND COMPOSITION</p>	<p>This course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. Reading in an AP course is both wide and deep. Reading experiences build upon the reading done in previous English courses. Careful attention to both textual detail and historical context provides a foundation for interpretation. Writing is an integral part of the AP English Literature and Composition course and exam. Writing assignments focus on the critical analysis of literature and include expository, analytical, and argumentative essays. This course is designed for the student capable of doing college-level work while still in high school. It is expected students will take the AP exam in May.</p>	<p>Grades: 12 Prerequisite: AP English Language and Composition, Composition Honors or American Literature Honors Credits: 1 Stanine/NPR: 7-9 / 77-100</p>

MATHEMATICS

<p>ALGEBRA I</p>	<p>This one-year course is designed to provide students with the necessary knowledge and skills to be prepared for further studies in mathematics. It is intended to increase mathematical fluency in problem solving, logic, reasoning, and effective communication in the study of patterns, functions, and algebra. This course builds on the concepts of rational and irrational numbers, data analysis, probability, geometry, measurement, spatial relationships, patterns, and algebraic concepts. 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 the algebra requirement for and one of the mathematics credits required for high school graduation.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: 8th grade mathematics with a min grade of "C" for both semesters Credits: 1 Stanine/NPR: 4-6 / 24-76</p>
<p>ALGEBRA II</p>	<p>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.</p>	<p>Grades: 10, 11, 12 Prerequisite: Algebra I and Geometry with a minimum grade of "C" for both semesters Credits: 1 Stanine/NPR: 4-6 / 24-76</p>
<p>APPLIED ALGEBRA II</p>	<p>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.</p>	<p>Grades: 10, 11, 12 Prerequisite: Algebra IB or Algebra I and Intuitive Geometry or Geometry Credits: 1 Stanine/NPR: 1-6 / 1-76</p>
<p>GEOMETRY</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. Continual development and review of algebraic skills are an integral part of this course. Various instructional techniques are utilized through activity-based methods. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The use of manipulatives, mathematical tools, and 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>Grades: 9, 10, 11, 12 Prerequisite: Successful completion of Algebra I or Applied Algebra Credits: 1 Stanine/NPR: 3-9 / 11-100</p>

MATHEMATICS CONTINUED

<p>INTUITIVE GEOMETRY</p>	<p>This one-year course presents geometric concepts in an investigative and application-oriented format. The inductive and deductive systems of reasoning are developed intuitively and informally, primarily through activity-based methods. Emphasis is on developing visualization abilities and application of geometric concepts and properties to problem-solving situations. Continued development and review of algebraic skills are an integral part of this course. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The use of manipulatives, mathematical tools, and technology, including calculators and computer software, is an integral part of this course. This course fulfills one of the mathematics credits required for high school graduation.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: Algebra I Credits: 1 Stanine/NPR: 1-6 / 1-76</p>
<p>MATHEMATICS OF PERSONAL FINANCE</p>	<p>This one-year course is the study of personal finance for senior-level students. Students will develop a deeper understanding of the mathematics of finance to include: money management, risk management, and financial planning related to consumer and family studies, career and technical education, and personal finance. The emphasis will be on refining problem-solving skills using project-based learning activities and academic integration within the context of financial applications. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The use of technology, including calculators and computers, is an integral part of this course. This course will fulfill one of the mathematics credits required for high school graduation.</p>	<p>Grades: 12 Prerequisite: Passed the NHSPE Credits: 1 Stanine/NPR: 1-9 / 1-100</p>
<p>MATHEMATICS APPLICATIONS</p>	<p>This one-year course is designed for seniors who need to pass the Nevada High School Proficiency Examination in Mathematics (NHSPE). Students passing the NHSPE in Mathematics are recommended to be transferred out of this course. This course builds on the concepts of algebra, geometry, and data analysis while solidifying and extending mathematical concepts, problem solving, and procedures. Instructional practices will 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 manipulatives, mathematical tools, hands-on applications, and technology 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 or the Governor Guinn Millennium Scholarship or the Nevada System of Higher Education's core requirements for university admission.</p>	<p>Grades: 12 Prerequisite: Have not passed the math portion of the NHSPE Credits: 1 Stanine/NPR: 1-6 / 1-76</p>
<p>PRE-ALGEBRA</p>	<p>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</p>	<p>Grades: 9 Prerequisite: 8th grade math Credits: 1 Stanine/NPR: 1-6/1-76</p>

MATHEMATICS CONTINUED

PROBABILITY & STATISTICS	<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. 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>Grades: 11, 12 Prerequisite: Algebra I, Geometry, Algebra II Credits: 1 Stanine/NPR: 1-6/1-76</p>
-------------------------------------	---	---

MATHEMATICS HONORS CLASSES

ALGEBRA I HONORS	<p>This one-year course is designed for highly motivated students committed to challenging coursework. It is intended to increase mathematical fluency in problem solving, logic, reasoning, and effective communication in the study of patterns, functions, and algebra. This course builds on the concepts of rational and irrational numbers, data analysis, probability, geometry, measurement, spatial relationships, patterns, and algebraic concepts. Emphasis will be placed on abstract algebraic methods and strategies for solving complex problems. 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 the algebra requirement and one of the mathematics credits required for high school graduation.</p>	<p>Grades: 9 Prerequisite: Accelerated math with at least a grade of "B" for both semesters Credits: 1 Stanine/NPR: 7-9/77-100</p>
ALGEBRA II HONORS	<p>This rigorous one-year course in algebra continues and expands upon the concepts and procedures learned in Algebra I H. 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, sequences and series, and proof of mathematical conjectures. 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. It is strongly recommended that students own a graphing calculator.</p>	<p>Grades: 9, 10 Prerequisite: Algebra I Honors with a minimum grade of "B" for both semesters Credits: 1 Stanine/NPR: 7-9 / 77-100</p>
AP CALCULUS AB	<p>This one-year Advanced Placement course is intended for students who have a thorough knowledge of high school mathematics. Students should have a strong background in functions, coordinate and analytical geometry, trigonometry, and advanced topics in algebra. This course includes a review of these topics, the study of limits, and the differentiation and integration of functions of a single variable. 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. Students completing this course will be prepared and encouraged to participate in the Advanced Placement Calculus AB examination. This course will fulfill one of the mathematics credits required for high school graduation. It is strongly recommended that students own a graphing calculator.</p>	<p>Grades: 11, 12 Prerequisite: Minimum grade of "B" for both semesters in trigonometry and pre-calculus Credits: 1 Stanine/NPR: 6-9 / 60-100</p>

MATHEMATICS HONORS CLASSES CONTINUED

<p>AP STATISTICS</p>	<p>This one-year Advanced Placement course is intended for students who are preparing for further study in disciplines requiring statistical course work. This course includes describing patterns in data and departures from patterns, planning and conducting a statistical study, exploring random phenomena using probability and simulation, estimating population parameters, and testing statistical hypotheses. 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 is intended to prepare students for taking the Advanced Placement Examination in Statistics. This course will fulfill one of the mathematics credits required for high school graduation. It is strongly recommended that students own a graphing calculator</p>	<p>Grades: 11, 12 Prerequisite: Algebra II with a minimum grade of "B" for both semesters Credits: 1 Stanine/NPR: Math 6-9</p>
<p>GEOMETRY HONORS</p>	<p>This one-year course provides a rigorous study of Euclidean Geometry for the more advanced mathematics student. Emphasis is on the development of logical reasoning, through techniques of proofs and constructions, geometric concepts, and algebraic applications. Students will extend their ability to make mathematical connections through problem solving. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The use of mathematical tools and 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>Grades: 9, 10, 11, 12 Prerequisite: Algebra I Honors, with a minimum grade of "B" for both semesters Credits: 1 Stanine/NPR: 7-9 / 77-100</p>
<p>PRE-CALCULUS HONORS</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, 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. It is strongly recommended that students own a graphing calculator.</p>	<p>Grades: 10, 11, 12 Prerequisite: Algebra I, Geometry, & Algebra II with "A/B" average Credits: 1 Stanine/NPR: Math 6-9 / 60-100; Reading 4-9 / 24-100</p>
<p>TRIGONOMETRY HONORS</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. This course is distinguished from Trigonometry 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, 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. It is strongly recommended that students own a graphing calculator.</p>	<p>Grades: 10, 11, 12 Prerequisite: Algebra I, Geometry, & Algebra II with "A/B" average Credits: 1 Stanine/NPR: Math 6-9 / 60-100; Reading 4-9 / 24-100</p>

PE/HEALTH

<p>PHYSICAL EDUCATION I</p>	<p>This one-year course focuses on students becoming independent decision makers capable of planning for lifetime fitness and physical activity, while achieving current personal fitness and activity goals. Students are provided with experiences in psychomotor skills, movement, goal-setting, and health-related fitness knowledge. Students participate in movement experiences, team sports, individual and dual sports, dance/rhythms, and lifetime recreational activities. 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 two physical education credits required for high school graduation.</p>	<p>Grades: 9 Prerequisite: None Credits: 1</p>
<p>PHYSICAL EDUCATION II</p>	<p>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, 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.</p>	<p>Grades: 10 Prerequisite: PE I Credits: 1</p>
<p>HEALTH EDUCATION</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 the course. 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 the one-half health credit required for high school graduation. This course will be offered in conjunction with driver education.</p>	<p>Grades: 10 Prerequisite: None Credits: ½</p>
<p>DRIVER EDUCATION</p>	<p>This course is designed to develop an adequate understanding of motor vehicle operation, laws, risk awareness, and driver alertness which enables students to become safe and successful drivers. Emphasis is placed on linking visual skills, space management, and balanced vehicle movement to risk-reducing driving strategies. 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 NAC 389.568 state requirement to complete 30 hours or more of driver education classroom instruction and is restricted to pupils who are at least 15 years of age per NRS 389.090. This course fulfills one half of one of the elective credits required for high school graduation.</p>	<p>Grades: 10 Prerequisite: None Credits: ½</p>

SCIENCE

BIOLOGY I	<p>This course is designed as a general survey course that deals with living things and their relationship to their environment. Major topics to be covered include the following: the cell, plant and animal diversity, general plant and animal physiology, basic ecology and genetics. Additionally, basic skills of experimentation, measurement, collecting and interpreting data reporting will be emphasized. This course will fulfill one credit of the Nevada high school graduation requirement for science and qualifies as a laboratory science for college entrance. Biology I is a required credit for graduation.</p>	Grades: 10 Prerequisite: Principles of Science Credits: 1 Stanine/NPR: 5-9/41-100
GEOSCIENCE	<p>This one-year course is designed to integrate scientific principles related to the Earth and its environment. Topics of this course include relationships between atmospheric processes and the water cycle, solar systems and the universe, and Earth's composition and structure. The connections between Earth's systems and everyday life are evaluated throughout this course. Demonstrations and lab experiences are an integral part of instruction. Scientific methodology and the metric system are integrated and modeled. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course will fulfill one credit of the Nevada high school graduation requirement for science and qualifies as a laboratory science for college entrance.</p>	Grades: 11, 12 Prerequisite: None Credits: 1 Stanine/NPR: 4-6/24-76
PRINCIPLES OF SCIENCE	<p>This is a one-year lab science course that will present integrated concepts in earth science, biology, environmental science, chemistry, and physics. Demonstrations and/or lab experiences will be an important part of instruction. Students will learn about the nature of science and develop critical thinking skills through inquiry, experimentation, collaboration, and data collection and analysis. This course prepares students for discipline-specific science courses. 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>	Grades: 9 Prerequisite: None Credits: 1 Stanine/NPR: 4-9/24-100
SCIENCE FOUNDATIONS	<p>This is a one-year lab science course. It provides an integrated, standards-based foundation for high school content-specific courses. It uses a conceptual framework that connects biology, chemistry, Earth, and physics through problems and scenarios of interest to students. Students will learn about the nature of science and develop critical thinking skills through inquiry, experimentation, collaboration, and data collection and analysis. 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>	Grades: 12 Prerequisite: Non-proficient in the NHSPE Credits: 1 Stanine/NPR: 4-9/24-100
CHEMISTRY I	<p>This one-year course is designed for those students who have successfully completed Algebra I and exhibit interest in science, especially chemistry. Topics included are atomic theory and structure, periodicity of the elements, element-compound-mixtures, bonding, equation balancing, the mole concept, and kinetic theory. Additional topics may include selections from the following: history of chemistry, various types of chemical reactions, oxidation-reduction, electrochemical cells, nuclear reactions, and biochemistry. 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>	Grades: 10, 11, 12 Prerequisite: Minimum 11 th grade, Biology I, Algebra I (minimum "C" in Algebra I and Science), Chemistry pre-test Credits: 1 Stanine/NPR: 5-9/41-100

SCIENCE CONTINUED

PHYSICS I	This course is a basic applied physics class. The class emphasizes “application of principle” in numerous laboratory exercises that will help prepare the students to operate in a technological society. Areas to be covered include mechanics, heat, sound, electricity, light, and other concepts in modern physics. This course will fulfill one credit of the Nevada high school graduation requirement for science and qualifies as a laboratory science for college entrance.	Grades: 11, 12 Prerequisite: Minimum 11 th grade, Algebra I, Biology I, Physics pre-test Credits: 1 Stanine/NPR: 5-9/41-100
------------------	--	---

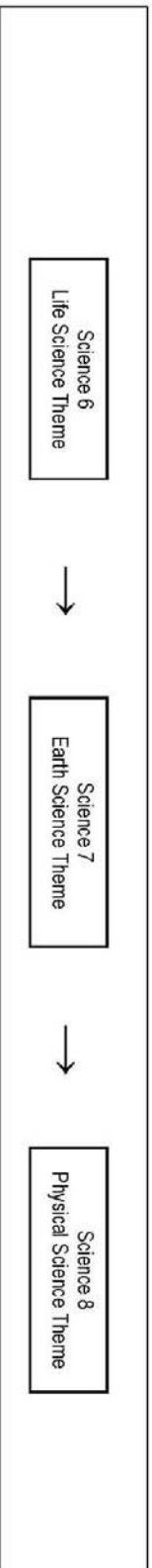
SCIENCE HONORS PROGRAM

ANATOMY & PHYSIOLOGY HONORS	This is a one-year course designed for those students who have successfully completed Biology I and Chemistry I and who exhibit interest in further study in biological science. Topics include the structure and function of all systems of the human body. Demonstrations and laboratory experiences, problem solving, and case study work are to be an integral part of the teaching in 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. See page 60 for Instructional Fee List.	Grades: 11, 12 Prerequisite: Junior or Senior in Health Occupations, Biology, Chemistry Credits: 1 Stanine/NPR: 7-9/77-100
BIOLOGY I HONORS	This one-year course is a rigorous presentation of introductory biological concepts designed for the serious, academically-oriented student. Emphasis is particularly placed on developing critical thinking skills, research skills, and laboratory techniques. Independent study projects are an integral part of course requirements. This course will fulfill one credit of the Nevada high school graduation requirement for science and qualifies as a laboratory science for college entrance.	Grades: 9, 10 Prerequisite: Recommendation from 8 th grade science teacher in addition to pre-test Credits: 1 Stanine/NPR: 7-9/77-100
CHEMISTRY I HONORS	This course is designed for students who have successfully completed Algebra I and are interested in chemistry. Topics included are mathematics of chemistry, safety, laboratory procedures, atomic theory and structure, structure and organization of the periodic table, chemical bonding, gases-liquids-solids-solutions, equilibrium, thermo-chemistry, organic-chemistry, chemistry of the environment, and career opportunities. Additional topics may include history of chemistry, biochemistry, qualitative chemistry, and research projects. This course will fulfill one credit of the Nevada high school graduation requirement for science and qualifies as a laboratory science for college entrance.	Grades: 10, 11, 12 Prerequisite: Biology I H, Algebra I with minimum “B” average Credits: 1 Stanine/NPR: 7-9/77-100
GENETICS HONORS	This one-year course is designed for those students who exhibit an interest in science, especially biology. Topics included are Mendelian analysis, the chromosome theory of inheritance, structure and replication of genetic material, gene expression, control of gene expression, gene cloning, recombinant DNA technology, gene mutation, chromosome mutation, population genetics, genetic disorders, and modern applications of DNA technology. This course will fulfill one credit of the Nevada high school graduation requirement for science and qualifies as a laboratory science for college entrance.	Grades: 11, 12 Prerequisite: Biology, Chemistry and Algebra I Credits: 1 Stanine/NPR: 6-9/24-100

SCIENCE HONORS PROGRAM CONTINUED

<p>PHYSICS I HONORS</p>	<p>This course is an in-depth presentation of the theory and mathematical concepts of physics. Topics included are scientific method, laboratory procedures, mathematic review, heat, mechanics, energy transfer, electricity and magnetism, and atomic structure. Students planning to study science, engineering, medicine, etc. in college should take this course. Emphasis is placed on synthesis, analysis, and evaluation of information covered in the textbook, during class discussions, and collected in the laboratory. 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>Grades: 10, 11, 12 Prerequisite: Minimum 11th grade, Algebra II or Geometry with minimum "B" average, Biology IH or Chemistry IH with minimum "B" average, pre-test Credits: 1 Stanine/NPR: 7-9/77-100</p>
<p>AP PHYSICS B</p>	<p>This one-year course is designed to provide a comprehensive background for those students desiring an in-depth study of the main principles of physics. This course is designed to prepare students for the Advanced Placement Physics B examination. Topics include historical investigations in physics, mechanics, electricity and magnetism, fluid mechanics and thermal physics, waves and optics, and atomic and nuclear physics. Instructors use the current advanced placement course description for this course, as well as descriptions and released sample problems from the AP examination. Both qualitative and quantitative laboratory experiences are essential components of this course. 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 expected students will take the AP exam in May. See your school counselor if you have a financial hardship. 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>Grades: 11, 12 Prerequisite: Physics I preferred, completion of Algebra II/Trig Honors with a B or better, passing score on placement test Credits: 1 Stanine/NPR: 7-9/77-100</p>
<p>AP BIOLOGY</p>	<p>This is a one-year course with an emphasis on meeting the requirements of the College Board Advanced Placement Biology examination. Instructors should refer to the current Advanced Placement course description for examination specifics. This course is designed for those students desiring college level experience in the biological sciences. Emphasis will be placed on inquiry skills and problem solving. General themes of study will be: Science as a Process; Evolution; Energy Transfer; Continuity and Change; Relationship of Structure to Function; Regulation; Interdependence in Nature; Science, Technology and Society. Career opportunities in the biological sciences will also be explored. 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. It is expected students will take the AP exam in May. See your school counselor if you have a financial hardship.</p>	<p>Grades: 11, 12 Prerequisite: Chemistry IH preferred, completion of Biology or Biology H with a grade B or better Credits: 1 Stanine/NPR: 7-9/77-100</p>

Clark County School District
Curriculum and Professional Development Division
RECOMMENDED SECONDARY SCIENCE COURSE SEQUENCE



9 th Grade	Principles of Science	or	Biology I Honors
-----------------------	-----------------------	----	------------------

10 th Grade	Biology I or Biology I Honors	or	Chemistry I or Chemistry I Honors
Spring: Nevada High School Proficiency Exam in Science for Sophomores			

11- 12 th Grades	<p>Course based on assessments, teacher recommendation, and student interest or goals:</p> <ul style="list-style-type: none"> Advanced Study Science Anatomy & Physiology H Biology I/II or AP Botany Chemistry I, II, III or AP Environmental Science Environmental Science AP Epidemiology/ H Forensic Science I, II Genetics H Geological Studies H Geoscience Integrated Biology and Chemistry Introduction to Molecular Biology H Marine Science Physics I, II, III, II AP, or Physics Explorations Professional Applications of Physiology H Zoology H 	<p>Science Foundations (non-proficient seniors only)</p>	<p>Elective Credit ONLY: Criminalistic Forensic Science Extended Science Lab (AP only) Introduction to Robotics Project-Based Learning</p>
-----------------------------	--	--	--

*Magnet schools and Career and Technical Academies may have site specific courses and unique sequence requirements that differ from these sequence recommendations.
K-12 Science, Health, Physical Education, and Foreign Language Department
2011-2012 School Year

SOCIAL STUDIES

<p>US GOVERNMENT</p>	<p>This one-year course is a study of United States federal, state, local, and tribal governments evaluating the impact of political foundations, structures, processes, and institutions. Students apply constitutional principles to assess the growth and development of the United States government and political system. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills the U.S. Government credit required for high school graduation.</p>	<p>Grades: 12 Prerequisite: None Credits: 1 Stanine/NPR: 1-9/1-100</p>
<p>US HISTORY</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. 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>Grades: 11 Prerequisite: None Credits: 1 Stanine/NPR: 1-6/1-76</p>
<p>WORLD HISTORY</p>	<p>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. 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.</p>	<p>Grades: 10 Prerequisite: None Credits: 1 Stanine/NPR: 1-6/1-76</p>

SOCIAL STUDIES HONORS CLASSES

<p>US GOVERNMENT HONORS</p>	<p>This one-year course is a study of United States federal, state, local, and tribal governments evaluating the impact of political foundations, structures, processes, and institutions. Students apply constitutional principles to assess the growth and development of the United States government and political system. This course is designated as honors level by the accelerated instructional pacing and depth of content. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills the U.S. Government credit required for high school graduation.</p>	<p>Grades: 12 Prerequisite: None Credits: 1 Stanine/NPR: 7-9/77-1</p>
<p>AP US GOVERNMENT AND POLITICS</p>	<p>This one-year course is designed with an emphasis on meeting the requirements of the College Board Advanced Placement United States Government and Politics examination. This college- level curriculum provides students with an analytical perspective of government and politics in the United States. It includes both the study of general concepts used to interpret United States politics and the analysis of specific examples. Students increase their knowledge of the various institutions, groups, beliefs, and ideas that constitute United States politics. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one U.S. Government credit required for high school graduation.</p>	<p>Grades: 12 Prerequisite: US History AP Credits: 1 Stanine/NPR: 7-9/77-1</p>

SOCIAL STUDIES HONORS CLASSES CONTINUED

<p>US HISTORY HONORS</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>Grades: 11 Prerequisite: None Credits: 1 Stanine/NPR: 7-9/77-100</p>
<p>AP US HISTORY</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>Grades: 11 Prerequisite: World History Honors Credits: 1 Stanine/NPR: 7-9/77-100</p>
<p>WORLD HISTORY HONORS</p>	<p>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.</p>	<p>Grades: 10 Prerequisite: None Credits: 1 Stanine/NPR: 7-9/77-100</p>
<p>AP WORLD HISTORY</p>	<p>This one-year course is designed with an emphasis on meeting the requirements of the College Board Advanced Placement Human World History examination. This college-level curriculum highlights the nature of changes in global frameworks and the causes and consequences, as well as comparisons among major societies from historical, geographical, political, economic, and cultural contexts. This course covers the scope of human history from 8,000 BCE to the present. 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.</p>	<p>Grades: 10 Prerequisite: English Teacher Recommendation Credits: 1 Stanine/NPR: 7-9/77-100</p>

ELECTIVES

<p>APPLIED OFFICE PRACTICE</p>	<p>This course provides on-the-job training experiences in the offices of the school. Two credits may be earned in this program with a maximum of one credit earned in any specific office area.</p>	<p>Grades:11, 12 Prerequisite: Counselor and staff approval Credits: 1</p>
<p>ART I</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 either the one arts/humanities credit or one of the elective credits required for graduation. This class is required for students majoring in Graphic Design. This course is recommended for students majoring in Computer Animation. See page 58 for Instructional Fee List.</p>	<p>Grades: 9 Prerequisite: None Credits: 1</p>
<p>BUILDING MAINTENANCE SERVICES</p>	<p>This one-credit course prepares students for entry-level jobs as building maintenance or custodial workers. Students are provided with occupational training that includes floor and carpet care, basic tool usage, window and furniture cleaning, and the proper handling and application of cleaning and floor care compounds. Students also develop skills in the safe use of power cleaning equipment and tools. This course will fulfill one of the elective credits required for graduation.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: None Credits: 1</p>
<p>COMPUTER BASED PROJECTS</p>	<p>This one-year course introduces students to the use of computer applications in the production of video, audio, graphic, and digital communication projects. Students utilize a variety of technologies including webcasting, virtual learning, document collaboration, web design, and digital portfolios within the project-based learning model. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. This course fulfills the one-half computer credit and one half of an elective credit or one elective credit required for high school graduation.</p>	<p>Grades: 9 Prerequisite: None Credits: ½</p>
<p>CONSTRUCTION TECHNOLOGY I</p>	<p>This one-year survey course will introduce students to the world of construction. Students will be introduced to all aspects of the construction industry including planning, management, finance, technical/production skills, and underlying principles of technology. Through a hands-on approach, each student will develop a basic understanding in the following areas of construction: electrical, plumbing, blueprint reading, pre-engineering, model building, carpentry, and rough framing. Practical application of safe work habits and the correct use of tools and equipment will be emphasized throughout this course. This course will fulfill one of the elective credits required for graduation.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: None Credits: 1</p>
<p>COOPERATIVE OCCUPATIONAL EDUCATION WORK EXPERIENCE</p>	<p>The Cooperative Occupational Education Program is a work-based learning opportunity, which integrates the classroom with paid, planned, and supervised part-time work in business, labor, or government jobs that relate to the students' occupational classroom experiences. This course is offered to increase the knowledge and skills necessary for employment and advancement. A minimum of 15 work hours a week are needed to meet the requirements of 270 hours of training per semester. One-half elective credit can be earned per semester for a maximum of two elective credits. The work site must be approved by the Cooperative Occupational Education Coordinator.</p>	<p>Grades: 11, 12 Prerequisite: 11th or 12th grade students enrolled concurrently in a career and technical class related to the work place Credits: ½ - 2</p>

ELECTIVES CONTINUED

<p>CRIME & JUSTICE</p>	<p>This one-year course is a study of the practical applications of law in the United States. The course is aimed at students who are considering a career in law-related fields. Topics to be covered include criminal and civil law, juvenile justice, citizens' rights and responsibilities, and the structure of the legal system. The class will utilize mock trials, simulations, and case studies. This course will fulfill one of the elective credits required for graduation.</p>	<p>Grades: 10, 11, 12 Prerequisite: None Credits: 1 Stanine/NPR: 7-9/77-100</p>
<p>DANCE I</p>	<p>This one-year course is designed to develop an appreciation of dance as an art form. Through movement experiences, students communicate in a way that is different from the written or spoken word, or even from other visual or auditory symbol systems. Students develop higher order thinking skills through perceiving, analyzing, and making discriminating judgments about dance. The student examines the role and meaning of dance in diverse social, cultural, and historical contexts through a variety of dance forms. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills either the one Arts/Humanities credit, PE credit, or one of the elective credits required for graduation.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: None Credits: 1</p>
<p>DIGITAL GAME DESIGN I</p>	<p>This one-year course is designed to introduce students to the elements and structure of game level design and programming. The areas of major emphasis in the course are game genres, game play, game mechanics, and game development. Students will learn to create 2d scroller, maze games, and advance to creating in-depth 3d adventure games. JavaScript will be introduced as a means of customizing game play and students will use several different game engines. The appropriate use of technology is an integral part of this course. Enrollment in the 3d Animation is encouraged, but not required. This course will fulfill one elective credit required for high school graduation.</p>	<p>Grades: 10, 11, 12 Prerequisite: Arts & Communication major preferred, but not required Credits: 1</p>
<p>DIGITAL GAME DESIGN II</p>	<p>A continuation from Digital Game Programming I, this 1 period, elective course covers in depth development of advanced, immersive adventure game. Students will work in teams to create and produce a fully functional, interactive 3D game. Students will explore methods for porting games to the iPhone or iTouch and traditional CD/DVD media. 3D characters and levels will be fully developed with an emphasis on game play and game mechanics. Career opportunities within the game design and entertainment industry will be discussed. Students will learn about different job titles and required skills. Post-secondary educational opportunities will also be explored. Enrollment in the 3D Animation course is encouraged, but not required.</p>	<p>Grades: 11,12 Prerequisite: Arts & Communication major preferred, but not required. Digital Game Programming I Credits: 1</p>
<p>DRAWING I</p>	<p>This one-credit 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. This course will fulfill one Arts/Humanities credit or one elective credit. See page 58 for Instructional Fee List. NOTE: This course is required for students majoring in Computer Animation, Graphic Design, or Graphic Communications.</p>	<p>Grades: 10, 11, 12 Prerequisite: Art I Credits: 1</p>
<p>DRAWING II</p>	<p>Drawing II sequentially follows one year of Drawing I and should provide students with the opportunity to explore drawing beyond basic understandings in a more independent, self-directed manner. This course will fulfill one elective credit. See page 58 for Instructional Fee List.</p>	<p>Grades: 11, 12 Prerequisite: Art I, Drawing I Credits: 1</p>

ELECTIVES CONTINUED

<p>ENTREPRENEURSHIP</p>	<p>The one-year course is designed to teach students the concepts to develop skills that will enable them to start a business. Special features include the use of technology and current business software applications and simulations. This course will fulfill one of the elective credits required for high school graduation.</p>	<p>Grades: 11, 12 Prerequisite: Credits: 1</p>
<p>EXPLORATORY WORK EXPERIENCE</p>	<p>Enrollment in the Exploratory Work Experience Program provides a student the opportunity to earn a maximum of one elective credit for part-time work experience performed in the public or private sectors. The purpose of the program is to assist the student in choosing a career pathway. Students must work and document a minimum of 270 hours (with pay stubs) during the semester in order to earn one-half credit. Participation in the Exploratory Work Experience Program must be approved by the Cooperative Occupational Education Coordinator.</p>	<p>Grades: 11, 12 Prerequisite: 11th or 12th grade standing Credits: ½ - 1</p>
<p>FOOD AND NUTRITION SCIENCE</p>	<p>This one-year course is designed as a scientific study of food and human nutrition. Topics studied will focus on nutrients, physiology, metabolism, disease, food safety, technology, careers, and nutritional concerns. 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>Grades: 9, 10, 11, 12 Prerequisite: None Credits: 1</p>
<p>FUNDAMENTAL MATH CONCEPTS</p>	<p>This one-year, supplemental course in mathematics is designed for students who need additional instruction and support to master necessary mathematical concepts. It is designed to provide students with additional instruction in conjunction with the student's course of study. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. This course will fulfill one of the elective credits required for high school graduation. This course does not fulfill one of the mathematics credits required for graduation.</p>	<p>Grades: 9 Prerequisite: None Credits: 1</p>
<p>PAINTING I / II</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 variety of media. Problem solving, creativity, and originality are cultivated through planning, making art, and critiques. The development and influence of painting and painters throughout the ages are integrated into learning. Painting students will create permanent murals around our school and participate in monthly art shows. Students will also use a sketch book for art exercises and reflective journaling. This course will fulfill one arts/humanities credit or one elective credit required for graduation.</p>	<p>Grades: 10, 11, 12 Prerequisite: Art I or teacher permission; Painting I required for Painting II Credits: 1</p>
<p>PHYSICAL CONDITIONING WITH WEIGHTS</p>	<p>This one-year course is an activity oriented course designed to provide students with a comprehensive view of physical conditioning through different styles of weight training and builds upon the knowledge gained in Physical Education I and II. Terminology, desirable health habits, physical conditioning, skill development and safety will be emphasized. 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. NOTE: This course does not fulfill PE I or PE II credits.</p>	<p>Grades: 10, 11, 12 Prerequisite: PE I and/or PE II or waiver Credits: 1</p>

ELECTIVES CONTINUED

<p>POWER EQUIPMENT TECHNOLOGY / SMALL GAS ENGINES</p>	<p>This one-year course is designed to provide students with the necessary basic skills for employment in the power equipment and small engine industry. Students will learn how to correctly and safely use tools and equipment related to the power equipment and small engine industry. Fundamentals skills in the selection and use of fasteners, precision measuring tools, electrical tools, and manufacturers supplied specialty tools will be learned. Students will study two-stroke and four-stroke theory, operation, maintenance, and repair of such engines and their applications. Students will also study electrical systems, fuel systems, cooling systems, lubrication systems, and applications associated with the power equipment industry. Emphasis will be placed on academic, employability, and entrepreneurship skills. This course will fulfill one of the elective credits required for high school graduation. See page 58 for Instructional Fee List..</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: None Credits: 1</p>
<p>PRINCIPLES OF LEADERSHIP</p>	<p>This course is designed for students who are working in a leadership capacity in student activities and government. Students will study general principles required for becoming good leaders. Considerable time will be spent in lab work where they will have practical experience in leadership. Enrollment is a required for students elected as Student Body or Class Officers and/or appointed as executives. There is also a section for Student Ambassadors who assist in the Admissions Office. This course can be repeated for elective credit.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: Section I: Student Council, Student Body & Class Officers; Credits: 1</p>
<p>PSYCHOLOGY I</p>	<p>This one-year course introduces basic concepts used by psychologists in understanding human behavior. Topics include psychology as a science, human development, biological bases of behavior, motivation and learning, thinking and intelligence, normal and abnormal behavior, therapies, testing, and the effects of group membership on behavior. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills one elective credit required for high school graduation.</p>	<p>Grades: 10, 11, 12 Prerequisite: None Credits: 1 Stanine/NPR: 4-9/24-100</p>
<p>SPANISH I</p>	<p>This one-year course is designed to acquaint students with the basic skills of listening, speaking, reading, and writing Spanish within a limited scope. It provides practice and the correct use of basic language structures and also develops an appreciation of the customs and traditions of Spanish-speaking people. This course will fulfill one of the elective credits required for graduation.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: None Credits: 1 Stanine/NPR: 4-9/24-100</p>
<p>SPANISH LITERACY FOR SPANISH SPEAKERS I</p>	<p>This one-year course is designed to provide Spanish-speaking students with an entry-level course to their heritage language. Students will develop proficiency in the skills of listening, speaking, reading, and writing in Spanish. The focus of the instruction will be on literacy (reading and writing in Spanish). This course will explore oral and written communication, incorporating an understanding of the varied Hispanic cultures, connecting with other disciplines, comparing English and Spanish, and participating in multicultural communities. This course will fulfill one of the elective credits required for graduation.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: Fluency in Spanish Credits: 1 Stanine/NPR: 4-9/24-100</p>
<p>SPANISH II HONORS</p>	<p>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. Knowledge of basic structures and vocabulary will be expanded to allow the student to communicate in real-life situations. This course will promote further understanding and appreciation of Hispanic cultures and will fulfill one of the elective credits required for graduation.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: Minimum "C" average in Spanish I Credits: 1 Stanine/NPR: 4-9 /24-100</p>

ELECTIVES CONTINUED

<p>SPANISH FOR SPANISH SPEAKERS II HONORS</p>	<p>This one-year course is designed to build on Spanish for Spanish Speakers I and provide Spanish speakers with further opportunities to develop proficiency in Spanish through the fundamental skills of speaking, reading, and writing. The program seeks to broaden skills that the students already have and develop others. This course will promote further understanding and appreciation of the varied Hispanic cultures. This course will fulfill one of the elective credits required for graduation.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: Fluency in Spanish Credits: 1 Stanine/NPR: 4-9 /24-100</p>
<p>SPANISH III HONORS</p>	<p>This one-credit course is designed to develop 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. This course will fulfill either one arts/humanities credit or one elective credit required for graduation.</p>	<p>Grades: 10, 11, 12 Prerequisite: Minimum "C" average in Spanish II Honors Credits: 1 Stanine/NPR: 4-9/24-100</p>
<p>SPANISH FOR SPANISH SPEAKERS III HONORS</p>	<p>This one-credit course will build on the Spanish for Spanish Speakers II Honors course to develop a greater degree of proficiency in the areas of oral communication, reading comprehension, writing, and reasoning. It will expand the student's overall knowledge of the Spanish language and literature. This course will fulfill one arts/humanities credit or one elective credit required for graduation.</p>	<p>Grades: 10, 11, 12 Prerequisite: Min "C" average in Spanish Speakers II Honors Credits: 1 Stanine/NPR: 4-9/24-100</p>
<p>SPANISH LANGUAGE (Advanced Placement-AP)</p>	<p>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 level. Skills will be refined through connection with other disciplines as well as comparison of language and culture in authentic contexts. It will prepare the student for the Advanced Placement Language Examination. It is expected students will take the AP exam in May. See your school counselor if you have a financial hardship. This course will fulfill either the one arts/humanities credit or one of the elective credits required for graduation.</p>	<p>Grades: 11, 12 Prerequisite: Min "C" average in Spanish Speakers III Honors Credits: 1 Stanine/NPR: 5-9/41-100</p>
<p>SPEECH I</p>	<p>This one-year course teaches students how to research, write, and present informative, persuasive and other types of speeches for various occasions and audiences. Students will debate topics as well as present oral interpretations of literature. Listening and communication techniques are reinforced.</p>	<p>Grades: 10, 11, 12 Prerequisite: English I Credits: 1 Stanine/NPR: 4-9/24-100</p>
<p>STUDENT AIDE</p>	<p>This program allows students to assist teachers. Students gain experience by completing clerical tasks, assisting in laboratories, working with faculty members, and following directions. A maximum of one credit can be earned in the student aide program. A major portion of the final grade in this course is based on the student's attendance.</p>	<p>Grades: 11, 12 Prerequisite: 2.5 cumulative GPA and teacher approval Credits: 1</p>

ELECTIVES CONTINUED

<p>STUDENT TUTOR</p>	<p>This one-year course is designed to give students interested in teaching or social services professions an opportunity to help academically weak elementary or secondary school students. Student tutors may be assigned to English, reading, or mathematics laboratories in an elementary, junior, or senior high school to assist with individual student instruction. Student tutors are given direction and guidance by an assigned supervising teacher. Students applying for the program must have a 2.0 accumulative grade point average and be knowledgeable in the academic area in which they are to assist. One-half credit per semester is earned upon the satisfactory completion of the program's requirements. STUDENTS ARE LIMITED TO ONE CREDIT. This course will fulfill one of the elective credits required for graduation.</p>	<p>Grades: 11, 12 Prerequisite: 3.0 cumulative GPA and teacher approval Credits: 1</p>
<p>STUDIO ART: DRAWING (AP)</p>	<p>This course is for the highly motivated art student and can result in one AP art credit. The completed portfolio will include painting, drawing, and other art media. Students will work with the teacher to plan their own course of study. It is expected students will take the AP exam in May. See your school counselor if you have a financial hardship.</p>	<p>Grades: 11, 12 Prerequisite: Minimum of two art classes Credits: 1 Stanine/NPR: 4-9/24-100</p>
<p>THEATRE I, II</p>	<p>Theatre I includes the study of basic theatre and dramatic activities. Emphasis is on acting techniques for the development of poise and confidence, character analysis, history of theatre, and monologue/scene production. Students are required to participate in plays and performances that may require out-of-class participation. Theatre II is a continuation of Theatre I and requires teacher permission.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: Theatre II is a continuation of Theatre I Credits: 1 credit each</p>
<p>TOOLS FOR SUCCESS</p>	<p>This one-year course is designed for ninth-grade students to introduce skills for leadership and career choices. Effective verbal and nonverbal techniques in interpersonal work relationships will guide students to make the needed transition from school to work and to recognize essential business and industry work ethics. 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. See page 58 for Instructional Fee List.</p>	<p>Grades: 9 Prerequisite: None (9th grade requirement) Credits: 1</p>
<p>WOODS TECHNOLOGY</p>	<p>This one-year course introduces students to handling both tools and machines. The students will learn woodworking by designing, drawing, calculating costs, measuring, and laying out materials for specific projects. The students will then machine, assemble, and finish the projects using various woods and related materials. Upon completion of this course, students should have gained employable skills required in the woodworking industry. Sex equality has been observed in the language of this syllabus. This course fulfills one of the elective credits required for graduation. See page 58 for Instructional Fee List.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: None Credits: 1</p>

INDIVIDUALIZED EDUCATION

The goal of Southeast Career Technical Academy is to follow PL 94-142 and amendment "Individuals with Disabilities Act" (IDEA – 101.149) by placing students in the "least restrictive environment." An Individual Education Program committee, with parent involvement, works together to establish and maintain the most appropriate Individual Education Program (IEP) for each student. The student's schedule is developed from the IEP.

<p>CONSUMER MATH APPLIED CONTEMPORARY MATH APPLIED MATH APPLIED</p>	<p>These one-year courses emphasize competencies in the areas of basic number systems and career math. Due to the extreme range of individual student differences, students will be encouraged to develop skills appropriate to their ability levels in operations and measurements for personal and career/technical use. These courses also emphasize the understanding of mathematical concepts as they relate to the management of materials and money within the framework of our economic system. They apply this understanding to personal and career use necessary in everyday life.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: None Credits: 1 credit each</p>
<p>ENGLISH I APP ENGLISH II APP ENGLISH III APP ENGLISH IV APP</p>	<p>These one-year courses build upon the strategies emphasized in English Reading & Writing. They reinforce the application of the reading and writing processes and continue to develop students' ability to apply appropriate strategies and resources in a wide variety of learning situations. These courses fulfill one of the four English credits required for graduation.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: None Credits: 1 credit each</p>
<p>READING APPLIED</p>	<p>This one-year course is designed to allow students to sequentially progress from one stage to another in the skills of reading. Emphasis will be placed on adapting instruction to meet the coping and survival skills necessary to function effectively in society. This course will provide individually determined sight vocabulary, a system to attack new words independently, and a successful sequence of experiences leading to the application of reading skills in both leisure time and functional situations. This course will fulfill one of the elective credits required for graduation.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: None Credits: 1</p>
<p>SCHOOL-RELATED WORK EXPERIENCE</p>	<p>This semester program provides students with job opportunities on the school campus.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: None Credits: ½</p>
<p>STUDY SKILLS APPLIED</p>	<p>This semester program will provide the student with proper study skills, test-taking strategies, and time management. Life skills will include budgeting money, banking, job preparation skills, and resources available to the students as an adult in the community.</p>	<p>Grades: 9, 10, 11, 12 Prerequisite: None Credits: ½</p>
<p>WORK EXPERIENCE APPLIED</p>	<p>This one-year course provides specific occupational preparation for entry into selected careers. The employment of students is preferable within the occupational area for which the career/technical program is preparing them. Students may receive pay as well as high school credit for successful participation.</p>	<p>Grades: 11, 12 Prerequisite: Completed 10th grade Credits: 1-4</p>

DIPLOMA OPTIONS (INDIVIDUALIZED PROGRAMS)

The Clark County School District and Southeast Career Technical Academy offer two diploma options. The IEP committee, with parent involvement, selects the appropriate course of study leading to program completion, which will result in one of the following diploma options:

Option 1 - Regular high school diploma

- A. Upon completion of twenty-two and a half (22½) units including the required areas of study.
- B. Upon successful completion of the Nevada Proficiency Examination with accommodations in administration as needed.

Option 2 - Individualized Program high school diploma

Upon completion of a minimum of twenty-two and a half (22½) units in a Special Program and/or regular courses. The Individual Education Program Committee may elect to exempt the required areas of study and prescribe an appropriate curriculum.

Selection of the graduation option is an important part of the IEP process. When the IEP committee selects an Option 1 diploma, students must take the subjects outlined by the State of Nevada, plus pass all four of the Nevada Proficiency Examinations. An Option 2 diploma allows for more flexibility in class selection and can prepare the non-college bound student for the "world of work."

At Southeast Career Technical Academy, the co-teaching and cooperative-consultative teaching models are used as an alternative approach to the delivery of special education services for mainstreamed students. The primary goal of the co-teaching and cooperative-consultative teaching models is to meet the needs of students who are eligible for special education and whose IEP includes placement in regular education courses. A special education teacher provides direct assistance with techniques and adaptations appropriate for the regular classroom. Co-teaching and cooperative-consultative teaching do not replace any of the program options that are presently available at Southeast Career Technical Academy. It is intended to fill the gap that exists between special education and regular education placement.

CAREER & TECHNICAL MAJORS

Our course of study is in accordance with the Clark County School District Secondary Course Guide.

Automotive Technology
CAD/Drafting
Collision Repair
3D Computer Animation
Computer Networking Technology
Commercial Construction
Cosmetology
Culinary Arts
Graphic Design
Health Sciences
Office Technology
Television Productions
Computer Programming Science

ARTS & COMMUNICATIONS INTRO COURSES

INTRODUCTION TO ANIMATION	<p>Take a closer look at the world of animation in this two semester course, one period introductory class. Students will learn how animation first started and how it is used in a variety of careers today. As students progress from 2d to 3d animation, they will use industry standard programs like Photoshop, After Effects, 3d's Max, and Maya. Students will gain experience in developing story ideas and creating character designs. Students will practice creating special effects like those seen in TV commercials, music videos, and movies. This class will explore careers in game design, entertainment, advertising, and product or architectural visualization. This elective class is intended for students who have been accepted into the Computer Animation Program.</p>	Grades: 10 Prerequisite: None Credits: 1
INTRODUCTION TO 3D ANIMATION	<p>All of the special effects that you see in TV commercials, shows, music videos, and movies are made with 3D Animation techniques. It can be tornadoes, explosions, robots, and laser beams. This one semester elective class introduces students to the terminology and techniques used in the expanding fields of game design, entertainment, and advertising. Students will also learn to composite and edit their projects using state-of-the-art software and equipment. This elective class is intended for students who have been accepted into the Computer Animation Program. The class Introduction to Animation, will be taken the opposite semester.</p>	Grades: 10 Prerequisite: None Credits: ½
INTRODUCTION TO GRAPHIC DESIGN	<p>This is where art meets technology. Learn to use the tools that make high impact graphics possible. This course is designed as an introduction to our award winning Graphic Design program and will give students the opportunity to create dynamic graphics for print or web applications. Learn techniques that can enhance your creative visions. If you love to draw, this is the place for you. Learn the core skills you'll need to develop into a designer or illustrator. Be exposed to basic principles of design and see if you have what it takes to enter a design related field such as animation, illustration, advertising, web-graphics, interior design, media entertainment, fashion, comic illustration, and more.</p>	Grades: 10 Prerequisite: None Credits: ½
INTRODUCTION TO MEDIA COMMUNICATIONS	<p>This semester long course is designed as an introduction to the Television Production Program. It is intended for tenth grade students for areas of communication related careers. The student will be exposed to the basic principles of television production, including analyzing the TV medium, FCC, history of TV, writing for television, and the study of commercials, including creating them.</p>	Grades: 10 Prerequisite: None Credits: ½
INTRODUCTION TO COMPUTER PROGRAMMING SCIENCE	<p>This one-semester course is designed as an introduction to the Information Technology Academy. Students will be introduced to the world of web programming. Students will design their own web pages by learning HyperText Markup Language (HTML). Beginning skills in Photoshop will also be introduced to allow students to create and enhance web graphics. This course will prepare students for internetworking and website science coursework.</p>	Grades: 10 Prerequisite: None Credits: ½
INTRODUCTION TO INFORMATION TECHNOLOGY	<p>This one-semester, one-period course provides Information Technology Academy students with an introduction to a variety of topics fundamental to information technology. Areas explored include: computer architecture, operating systems, computer networks, and binary/hexadecimal number systems. This course will prepare students for internetworking and website science coursework. See page 58 for Instructional Fee List.</p>	Grades: 10 Prerequisite: None Credits: ½

ARTS & COMMUNICATIONS

<p>ADVANCED WEBSITE SCIENCE</p>	<p>This one-year, three-period course is designed to provide seniors with skills in interactive websites and database design. Students will become acquainted with various approaches to automation and interactivity including Macromedia Dreamweaver, Flash, Microsoft Visual Web Developer, Photoshop, MS SQL, MySQL, and Oracle Databases. Students will design, maintain, restructure, and/or redesign the school website. Students are expected to work independently and with other team members on small to large-scale projects. This course will fulfill three of the elective credits required for high school graduation. See page 58 for Instructional Fee List.</p>	<p>Grades: 12 Prerequisite: Website Science and Computer Science Credits: 3 Stanine/NPR: 5-9/41-100</p>
<p>ANIMATION II</p>	<p>This two-credit junior course is an introduction to the exciting world of 3D animation. Students will be introduced to a variety of computer programs that are typical to the design and animation field. Students will use these new skills to create projects such as cartoons, product models, landscapes, architecture, short films, and other typical industry related graphics. Basic video editing, multi-media, and 3D modeling will also be introduced. Students are required to take either Drawing I or Digital Game Design I. This course may allow students to earn college credit from the College of Southern Nevada and the Art Institute of Las Vegas. See information listed under Tech Prep Credit, page 56. See page 58 for Instructional Fee List.</p>	<p>Grades: 11 Prerequisite: Artistic ability, Drawing I or Digital Game Design I Credits: 2</p>
<p>ANIMATION III</p>	<p>Seniors create advanced 3-D animation in this three-credit course. Modeling characters and levels for computer games, special effects for movies, TV commercials, product models, character modeling, and 3D illustration for print and broadcast are covered in depth during the year. Students will learn to edit their animated, short movies and transfer them to DVD. Graduation requirements include the production of a demo reel and/or an interactive portfolio. This course may allow students to earn college credit from the College of Southern Nevada and the Art Institute of Las Vegas. See information listed under Tech Prep Credit, page 56. See page 58 for Instructional Fee List.</p>	<p>Grades: 12 Prerequisite: Animation II, Drawing I or Digital Game Design Credits: 3</p>
<p>COMPUTER PROGRAMMING SCIENCE</p>	<p>This one-year, two-period blocked course is designed to teach junior students advanced HTML, Dreamweaver, Fireworks, Photoshop, and website design theory. Students are required to demonstrate mastery of the material by designing, executing, updating, and modifying websites. Programming concepts are also refined through Visual Basic, JavaScript, and Flash. This course may allow students to earn college credit from the College of Southern Nevada. See information listed under Tech Prep Credit, page 56. This course will fulfill two of the elective credits required for high school graduation. See page 58 for Instructional Fee List.</p>	<p>Grades: 11 Completion of 10th grade, Introduction to Business and Information Technology or teacher approval, Algebra I Credits: 1 in Website Science and 1 in Computer Science Stanine/NPR: 5-9/41-100</p>
<p>GRAPHIC DESIGN I</p>	<p>This two-period career/technical class will take your creativity to the next level by teaching you more advanced techniques in page-layout, hand and computer illustration, photo-manipulation, and 2D animation and web-graphic design. With the extended class time, you'll be able to turn your ideas into reality through the use of industry standard software to combine text and images into exciting posters, flyers, brochures, package designs, as well as web banners and interactive animations. This course may allow students to earn college credit from the College of Southern Nevada and the Art Institute of Las Vegas. See information listed under Tech Prep Credit, page 56. See page 58 for instructional Fee List.</p>	<p>Grades: 11 Prerequisite: Art I, Drawing I Credits: 2 credits junior year</p>

ARTS & COMMUNICATIONS CONTINUED

<p>GRAPHIC DESIGN II</p>	<p>In this three-period career/technical class, students will flex their creative muscles by producing real-world digital art for the school web-site, promotional literature, personal projects, and work for outside clients as well. The extended class session will allow students to hone their skills in computer illustration, cartooning, pre-press, page-layout, photo-manipulation/illustration, 2D animation, and other career relevant skills and techniques. Seniors will also be responsible for creating an interactive portfolio of their work as well as producing a full color magazine layout, short graphic novel, or other long-term senior project. Through this course, students may earn college credit from the College of Southern Nevada. See information listed under Tech Prep Credit, page 56. See page 58 for instructional Fee List.</p>	<p>Grades: 12 Prerequisite: Art I, Drawing I Credits: 2 credits senior year</p>
<p>INTERNETWORKING I</p>	<p>This one-semester, two-period course for junior- and/or senior-level students provides classroom and laboratory instruction to help students learn the general theory needed to design, build, and maintain home and small business networks. Concepts learned will provide the students with the opportunity to further their education in Information Technology (IT) and prepare for entry-level IT careers. Upon completion of this sequence of courses, students will qualify to sit for a national industry-standard certification exam. 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>Grades: 11 Prerequisite: Completion of 10th grade, teacher approval, requires lifting and moving computers and monitors. Extensive reading and English communication skills are required. Students should have an interest in computer systems. Credits: 2</p>
<p>INTERNETWORKING II</p>	<p>This one-semester, two-period course for junior- and/or senior-level students provides classroom and laboratory instruction to help students learn the skills needed to work at a small-to-medium business or Internet Service Provider (ISP). Concepts learned will provide the students with the opportunity to further their education in Information Technology (IT) and prepare for entry-level IT careers. Upon completion of this sequence of courses, students will qualify to sit for a national industry-standard certification exam. 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>Grades: 12 Prerequisite: Completion of 11th grade Info Technology Program, Internetworking I, and Info Tech Essentials Credits: 2</p>
<p>INTERNETWORKING III/IV HONORS</p>	<p>This one-semester, two-period course for junior- and/or senior-level students provides classroom and laboratory instruction to help students learn the general theory of switching and routing, including virtual local-area networks (VLAN), wireless local-area network (LAN), access lists, and network troubleshooting. Concepts learned will provide the students with the opportunity to further their education in Information Technology (IT) and prepare for entry-level IT careers. Upon completion of this sequence of courses, students will qualify to sit for a national industry-standard certification exam. 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>Grades: 12 Prerequisite: Completion of 11th grade Info Technology Program, Internetworking I Credits: 2</p>

ARTS & COMMUNICATIONS CONTINUED

MEDIA COMMUNICATION I	This two-credit course is designed to provide students with the fundamental principles and skills necessary for television production. The operation of television cameras, audio, lighting, and video equipment, as well as utilizing field and studio equipment, is emphasized along with the process of television program development. Students rotate through a series of television production tasks, which include commercials, PSAs, VSOTs, feature and news stories. Also, the Professional Journalism Code of Ethics and news writing are studied in depth. See page 58 for Instructional Fee List.	Grades: 11 Prerequisite: None Credits: 2 credits junior year
MEDIA PRODUCTION II	This three-credit course is designed to expand the knowledge and skills from the Television Production I course of study. Advanced students study both linear and non-linear postproduction editing, single camera production, field and studio lighting, and movie and corporate production techniques plus special effects. Students produce a daily news program that instructors can air in their classroom. Field experience opportunities with area production companies may be included. See page 58 for Instructional Fee List.	Grades: 12 Prerequisite: Art and design classes, good writing skills and creativity Credits: 3 credits senior year Stanine/NPR: 6-9/60-100

BUSINESS & INFORMATION TECHNOLOGY

The Business & Information Technology Department offers courses for students seeking positions in business and finance. The major includes the following:

BUSINESS & FINANCIAL SERVICES

Major	Senior Year
Office Technology	Accounting I Office Technology II

FINANCIAL SERVICES

ACCOUNTING I	This course is designed to develop an understanding of basic accounting principles and procedures that are applied to accounting records kept for businesses. The course will present ledger and journal techniques, periodic adjustments, financial statements, and simple computer applications. This course may allow students to earn college credit from the College of Southern Nevada. See information listed under Tech Prep Credit, page 56. See page 58 for Instructional Fee List.	Grades: 12 Prerequisite: Completion of Office Tech I Credits: 1
OFFICE TECHNOLOGY II	This one-year, two-hour course is designed for senior students who have completed Office Technology I. This course will build on students' knowledge of word processing, spreadsheets, database management, desktop information management, and multimedia presentation applications, as well as keyboarding and ten-key skills. Microsoft Office Specialist (MOS) training is a top priority in this class. Students prepare weekly contracts to effectively manage their time and set personal goals. This is an advanced course to prepare students for entry level and more specialized computer and business occupations. Students will also participate in Future Business Leaders of America (FBLA) activities. This course may allow students to earn college credit from the College of Southern Nevada. See information listed under Tech Prep Credit, page 56. See page 58 for Instructional Fee List. The Instruction Fee consists of the student textbook, MOS Certification exams, FBLA dues, and portfolio supplies.	Grades: 12 Prerequisite: Completion of 11th grade, Office Technology I Credits: 2
TECH SERVICE SUPPORT	This one-year course is designed to provide junior and senior students with real-life experiences in maintaining computers in a working environment. Students will apply prior knowledge of troubleshooting, installing and upgrading computer systems. Students must have approval of instructor and successful completion of Cybercorp 362 course. Technology Service and Support 364 will further prepare students for industry-accepted certification. This course will fulfill one of the elective credits required for graduation. This course may be taken more than once for credit.	Grades: 12 Prerequisite: Completion of Info Tech Essentials, teacher and ECS approval Credits: 3

CONSTRUCTION ENGINEERING

INTRODUCTION TO CONSTRUCTION TECHNOLOGY	<p>This one-year course is intended for tenth grade students to gain an introduction in the areas of hands-on related construction careers. Students will be exposed to the basic principles of horticulture, computer assisted drafting and design (CADD), and carpentry. At the conclusion of these units, the students will enroll in Commercial Construction I. This course will fulfill one of the elective credits required for high school graduation. See page 58 for Instructional Fee List.</p>	Grades: 10 Prerequisite: None Credits: 1
ENGINEERING & CONSTRUCTION II	<p>This one-year, two-period course will provide second-year engineering and commercial construction students with the knowledge and skills to pursue entry-level employment in the field of construction. Through a hands-on approach, each student will develop skills in blueprint reading, surveying, scaffolding, pre-formed concrete structuring, and construction management. Many aspects of civil engineering will be covered. Students will develop technical skills that are used throughout the commercial construction industry. This course will fulfill two of the elective credits required for high school graduation. See page 58 for Instructional Fee List.</p>	Grades: 11 Prerequisite: Commercial Construction I Credits: 2 credits junior year
ENGINEERING & CONSTRUCTION III	<p>This one-year, three-period advanced course will provide third-year commercial construction students with the necessary knowledge and skills to pursue entry-level employment in the field of commercial construction. Through hands-on projects, each student will develop skills and knowledge in finish carpentry and cabinetmaking. Students will develop technical skills that are used throughout the commercial construction industry, including labor issues, contract law, and entrepreneurship. This course will fulfill three of the elective credits required for high school graduation. See page 58 for Instructional Fee List.</p>	Grades: 12 Prerequisite: Commercial Construction II Credits: 3 credits senior year
DRAFTING TECH I	<p>This two period course will introduce students to the fundamentals of drafting design and computer aided drafting or CAD. Students will be exposed to basic CAD skills, engineering drawing, and architectural drawings using AutoCAD, the most popular software in the industry. Students will learn about and produce residential house plans according to UBC codes and industrial standards. This course may allow students to earn college credit from the College of Southern Nevada and the Art Institute of Las Vegas. See information listed under Tech Prep Credit, page 56. See page 58 for Instructional Fee List.</p>	Grades: 11 Prerequisite: Adequate math and algebra skills, proficient drawing and perceptual skills, the ability to concentrate theory. Credits: 2
DRAFTING TECH II	<p>This three period course is to provide students with more in depth AutoCAD geometric construction skills, along with mechanical and architectural plan drawing and design skills. Students will develop a complete set of residential house plans using architectural-drawing standards. This course may allow students to earn college credit from the College of Southern Nevada and the Art Institute of Las Vegas. See information listed under Tech Prep Credit, page 56. See page 58 for Instructional Fee List.</p>	Grades: 12 Prerequisite: Grade 11, course in blueprint reading, mechanical drawing, electronics, computer programming, algebra or taking algebra during the junior year, Drafting I Credits: 3

COSMETOLOGY

<p>INTRODUCTION TO COSMETOLOGY</p>	<p>This semester course is designed to introduce the student to the exciting world of cosmetology and the basic principles of the profession. Students are introduced to:</p> <ul style="list-style-type: none"> • the safety and awareness of servicing the public • the professional tools and equipment used in the cosmetology field • the many career and entrepreneurial opportunities in cosmetology <p>Hands-on instruction is utilized to give the student the opportunity to experience haircutting, styling, permanent waving, haircoloring, manicuring, pedicures, facials, and acrylic nail applications. Students are required to complete a written and oral semester project. See page 58 for Instructional Fee List.</p>	<p>Grades: 10 Prerequisite: Good attendance and willingness to learn challenging tasks Credits: ½</p>
<p>COSMETOLOGY I & II</p>	<p>The world of cosmetology offers a diverse array of career choices for the licensed professional. Students enrolled in the SECTA Cosmetology Program can acquire the 1800 hours of clocked time and knowledge to take the Nevada State Board of Cosmetology Licensure Exam. Students completing the program are prepared to achieve personal and professional success. Upon receiving a license, the new professional can choose to focus on providing hair services, skin care, or nail services. Cosmetology is a lucrative profession that allows you to be an artist by working in a salon, spa, luxury hotel, in film, on a cruise ship, or as a stylist or makeup artist for bridal parties or fashion shoots as well as many other career choices. This program is a six period two-year course and is taught in a real work environment where students work on clients, manikins, and assigned partners to master the necessary skills for success in the workplace. The curriculum includes theory and clinical instruction in professional ethics, sanitation, human anatomy, facials, skin care, makeup application, manicuring, pedicures, acrylic nails, haircutting, haircoloring, permanent waving, chemical relaxing, and all phases of hair care and styling. Emphasis is also placed on job seeking/keeping skills, such as effective communication, customer service, teamwork, filling out a job application, building a resume, and interviewing techniques. Students are required to provide a copy of their social security card and government issued photo ID to the Nevada State Board of Cosmetology when enrolling as a junior (11th grade) in Cosmetology. The Nevada State Board of Cosmetology mandates that students be 18 years of age to sit for the written and practical licensure examination. Students are responsible to purchase their own uniform and nametag. Lab fees are due in full upon entering the junior and senior year and no payment plans are available. See page 58 for Instructional Fee List.</p>	<p>Grades: 11, 12 Prerequisite: Good attendance is mandatory. Strong math, reading and science skills are necessary. Students must be willing to learn challenging tasks and be able to work with all types of people. Credits: 6 credits per year</p>

CULINARY HOSPITALITY

INTRODUCTION TO CULINARY ARTS	<p>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, cooking methods, and service. This course will fulfill one-half of one elective credit required for graduation. See page 58 for Instructional Fee List.</p>	Grades: 10 Prerequisite: None Credits: ½
CULINARY ARTS I & II	<p>The purpose and goal of the two-year culinary program at Southeast Career Technical Academy is to provide basic training and education as well as develop a personal sense necessary for a successful career in the culinary/hospitality industry. Students perform in a real work environment consisting of a 60-seat restaurant, which is open to the public daily, along with banquet service for as many as 150 guests. The curriculum offers students an opportunity to learn and effectively practice basic technical skills required in food preparation and service. Students grasp an understanding of the principles of food identification, fabrication, preparation, nutrition, and food and beverage composition. Students gain experience in the proper use and maintenance of professional culinary equipment as they become familiar with the layout and workflow of professional kitchens and dining rooms. This course may allow students to earn college credit from the College of Southern Nevada. See information listed under Tech Prep Credit, page 56. See page 58 for Instructional Fee List.</p>	Grades: 11, 12 Prerequisite: Grades 10 and 11, ability to work as a team, proficient math and reading skills, ability to deal with all types of people, physically able to stand for long periods of time. Credits: 6 credits per year

HEALTH SCIENCES

INTRODUCTION TO HEALTH OCCUPATIONS	<p>This course serves as an introduction to the health occupations career/technical program and is designed to be offered during the student's sophomore year in high school. The course provides an introduction to the major course content that will be taken 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, and introduction to basic patient care skills. 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. See page 58 for Instructional Fee List.</p>	Grades: 10 Prerequisite: None Credits: ½
INTRODUCTION TO HEALTH SCIENCE	<p>This one-year course will introduce students to anatomy and physiology as each applies to health-related careers. Emphasis will be placed on normal structure and function of the human body as it applies to health science. This course will offer dissection experiences. Additionally, students will learn about growth and development, study and learning skills, and employability skills. This course will fulfill one elective credit required for high school graduation.</p>	Grades: 10 Prerequisite: None Credits: 1
MEDICAL ASSISTING	<p>This one-year, two- or three-period advanced health science class is designed to provide students with the skills required for entry-level positions such as administrative medical assistant or clinical medical assistant. Demonstrations and laboratory experiences are an integral part of this course. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills two or three of the elective credits required for high school graduation.</p>	Grades: 11,12 Prerequisite: Health Occupations CTE Credits: 2

HEALTH SCIENCES CONTINUED

<p>MEDICAL OFFICE PRACTICES</p>	<p>This three period course is designed for students who have successfully completed the junior health occupations class to continue their learning of entry level skills in a healthcare related field. This course meets the National Skills Standards for Health Occupations. The course includes medical front office and back office skills. Front office skills include communication, file management, computer techniques, and insurance billing. Back office skills include assessment and management of the client with physician oversight. Second semester students may select a work practice site or remain in class. Classroom content will include care of the geriatric client, childcare, and child development. Students who successfully complete this course are eligible for Tech Prep credit with the College of Southern Nevada. See information listed under Tech Prep Credit, page 56. Fees for this course include equipment, supplies, and workbook. See page 58 for Instructional Fee List.</p>	<p>Grade: 11 Prerequisite: Sports Medicine Credits: 3</p>
<p>MEDICAL TERMINOLOGY</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>Grade: 11,12 Prerequisite: Sports Medicine Credits: ½</p>
<p>NURSING ASSISTANT</p>	<p>This three period course consists of the Certified Nursing Assistant Program combined with hospital learning at an acute care facility, and medical terminology. The students who successfully complete this program are eligible to sit for the Board of Nursing exam for Certified Nurse Assistant. Content of the class includes continuation of medical terminology, psychosocial and cultural needs of the client, patient care skills, infection control, communication skills, and legal and ethical responsibility. The student will obtain a two-year certification in CPR and First Aid and Automated External Defibrillation (AED). Students must provide solid colored scrub clothing for classroom wear with a white scrub top and red scrub pants for clinical, white tennis shoes, and a wrist watch with a second hand. Upon successful completion of this course, the student is eligible for Tech Prep credit with the College of Southern Nevada. See information listed under Tech Prep Credit, page 56. Lab fees for this class cover the use and replacement of equipment, supplies for the clinical practice lab, and workbooks. See page 58 for Instructional Fee List.</p>	<p>Grades: 11 Prerequisite: Grade 10, a desire to help others, a reading and math stanine of at least 5, and strong math, reading and science skills, Anatomy and Physiology Credits: 3</p>
<p>SPORTS MEDICINE</p>	<p>This one-year course is designed to introduce students to the field of sports medicine. It will provide students the opportunity to explore athletic training and sports medicine related fields. Students will receive instruction in sports medicine terminology, physical fitness, anatomy and physiology, kinesiology, injury evaluation and prevention procedures, and careers in sports medicine. Students will also demonstrate skills in cardiopulmonary resuscitation (CPR), first aid, and sports injury management and rehabilitation. 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>Grades: 11 Prerequisite: Teacher approval/Health Occupations Credits: 1</p>

TRANSPORTATION

ENERGY, POWER, TRANSPORTATION I	<p>This one-year course provides students with an introduction to the various forms of energy conversion and power application mechanisms. Areas of emphasis include solar, fossil fuel, bioconversion systems, and other renewable energy sources. 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>	Grades: 10 Credits: 1
VOCATIONAL AUTOMOTIVE PRINCIPLES I	<p>This one-year course will provide automotive students with the basic knowledge and skills needed to pursue advanced studies in the field of automotive technology. Emphasis is placed on preparing students for internships in the "Automotive Youth Education Systems" (AYES) program, which follows NATEF and AYES guidelines. This course will build on knowledge gained in introduction to automotive technology to develop job skills and safe working habits. Laboratory activities shall include tasks using advanced equipment to diagnose and service modern automotive systems. Scientific concepts, as they apply to the automobile, are emphasized throughout this course. Modern electronics theories will be utilized to explore recent developments in the automotive computer control. Course activities shall include classroom assignments, tests, demonstration(s), and practical work experiences. Classroom and lab/shop time will be equally shared to help develop automotive skills. Students will also be accessing online courses. Computer access will be required. See page 58 for Instructional Fee List.</p>	Grades: 11 Prerequisite: 10 th grade automotive related classes Credits: 2 credits junior year
VOCATIONAL AUTOMOTIVE PRINCIPLES II	<p>This one-year course is designed to prepare advanced students for continued education at the post secondary level in both the public and private sector, and develop entry-level skills in the automotive service industry. Emphasis is placed on students for internship in the "Automotive Youth Education Systems" (AYES) program, which follows "National Automotive Technicians Education Foundation" (NATEF) guidelines. This course will build on the students knowledge already gained during their vocational Automotive Principles I course in developing essential job skills and safe working habits. Homework assignments will be brought into the 21st century with computer class drop boxes and interactive teacher/student assignments. Laboratory activities will include tasks using advance equipment to diagnose and service current automotive systems. Scientific concepts, as they apply to the automobile, are emphasized throughout this course. Modern automotive electronic theories will be utilized to explore recent developments in automotive computer control systems. Course activities will include classroom assignments, homework, tests, demonstration(s), and practical work experiences. Classroom and lab/shop time will be equally shared to help develop automotive skills. Students will also be accessing online courses. Computer access will be required. This course may allow students to earn college credit from the College of Southern Nevada. See information listed under Tech Prep Credit, page 56. See page 58 for Instructional Fee List.</p>	Grades: 12 Prerequisite: Vocational Automotive Principles I with a grade of "C" or better; must have a computer or computer access. Student should be able to utilize the local transit system or have some kind of transportation in the event of job placement. Credits: 3 credits senior year
AUTO BODY I AUTO BODY II	<p>Both of these courses are one-year courses and consist of two and three periods per day. Course instruction includes refinishing techniques, panel replacement, use of MIG procedures, and unibody repairs. This course will also go through a work related industrial program known as I-Car, which will assist and inform students of techniques and proper repair management. After a section has been covered, students will be able to earn I-Car points which, in turn, can be used to acquire certifications. Because safety is a priority, another program known as Safety SP2 will be covered. Through this program, students will learn proper safety habits when in the shop and have an opportunity to participate in job shadowing and school to work programs. All students will participate in resume building and mock interviews. We start you on your career path. See page 67 for Instructional Fee List.</p>	<u>AUTO BODY I</u> Grades: 11 Prerequisite: good reading, writing, math and interpersonal skills Credits: 2 <u>AUTO BODY II</u> Grades: 12 Prerequisite: 11 th Grade Auto Body I Credits: 3

**EARN COLLEGE CREDIT FOR THESE CLASSES
WHILE ENROLLED AT SOUTHEAST CAREER TECHNICAL ACADEMY**

2+2 Tech Prep Program – College of Southern Nevada

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

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

- Be a high school junior or senior.
- Complete an eligible career and technical course at your high school with a grade A or B and satisfy specific course competencies.
- Fill out a Tech Prep admissions form from your local community college.
- Pay a \$10.00 processing fee for each course.

Language to be used with eligible 2+2 Tech Prep Career and Technical Education course descriptions in your catalog:

This course may allow students to earn college credit from the College of Southern Nevada.

The following courses offered at Southeast Career Technical Academy qualify for CSN credit and fulfill CCSD high school graduation requirements:

Accounting I
Computer Programming
3D Computer Animation I and II
Culinary Arts II
Drafting Technology I, II
Graphic Design I, II
Intranet/Internet Management I, II (CISCO)
Medical Office Practices
Nursing Assistant – Health Occupations
Office Technology I, II
Vocational Auto Principles II

Art Institute of Las Vegas:
Computer Animation and 3D Imaging
Drafting Technology I, II
Graphic Design I, II

High School Four-Year Plan

Choose your classes based on your tentative plan. Where are you going after high school: Apprenticeship? Community or two-year college? Technical or trade school? University or four-year college? Work? This is a plan; you will make changes as you learn more about yourself, career possibilities, and the world of work. (Please complete with pencil.)

Ninth Grade – Required Program – 7 Periods

Subject	1 st Semester	2 nd Semester
English I		
Art I/Arts & Humanities		
Math		
Science		
PE I		
Tools for Success/Freshman Studies		
*Intro to Computer Concepts (½ credit)-BIT Major/No Credit 6 th grade on transcript		
*World History - Cosmetology/Culinary Major		
*Elective		

Tenth Grade – Required Program – 7 Periods

Subject	1 st Semester	2 nd Semester
English II		
World History/*US History - Cosmetology/Culinary Major		
Math		
Science		
PE II		
Intro Career/Technical Major		
* Health/Driver Education/ Careers/Elective		

Eleventh Grade – Required Program – 7-9 Periods

Subject	1 st Semester	2 nd Semester
English		
U.S. History		
Math		
Science		
Career/Technical Major (2-6 periods)		
Elective		

Twelfth Grade – Required Program – 4-9 Periods

Subject	1 st Semester	2 nd Semester
English		
U.S. Government		
Math		
Career/Technical Major (2-6 periods)		
Elective		

**SOUTHEAST CAREER TECHNICAL ACADEMY
2011-2012 Instructional Fee List**

Students are responsible for payment of school fees. The following list shows which fees are charged in specific career and technical classes and programs. All fees are to be paid by September 22, 2011. Payment is to be made by cash or money orders, made payable to Southeast Career Technical Academy. **Checks are not accepted.** Individual teachers will collect fees. **Fees are subject to change.**

Art I - Project Supplies – (per year)	\$50.00	PE Uniform (complete)	\$20.00
Studio Art - Project Supplies (per year)	\$40.00	PE Shirt (\$10.00) PE Shorts (\$10.00)	
Design Crafts (per year)	\$60.00	Yearbook August 2011	\$75.00
Painting I (per year)	\$30.00	Yearbook January 2012	\$80.00
Drawing I (per year)	\$25.00	9 th Grade Tools for Success (per year)	\$50.00
ARTS & COMMUNICATIONS			
Animation II & III (includes shirt & SkillsUSA fees)	\$125.00	Media Communications I & Media Productions II (includes shirt & SkillsUSA fee)	\$125.00
10 th Grade Elective Animation	\$40.00	10 th Grade Elective Media Communications	\$40.00
Graphic Design I & II (includes SkillsUSA fee)	\$85.00	Digital Game Design	\$25.00
10 th Grade Graphic Design Elective	\$40.00	Advanced Website Science (includes CTE Shirt)	\$75.00
Internetworking	\$100.00	Computer Programming Science (includes CTE Shirt)	\$75.00
		Computer & Networking Technician	\$250.00
FINANCIAL SERVICES / INFORMATION TECHNOLOGY			
Computer Operations	\$250.00	Technology Service and Support	\$50.00
Office Technology II (includes FBLA fee)	\$185.00		
COSMETOLOGY / CULINARY HOSPITALITY / HEALTH SCIENCES			
10 th Grade Cosmetology Elective	\$45.00	10 th Grade Health Occ Elective	\$35.00
Cosmetology I * Includes SkillsUSA	\$695.00	Anatomy & Physiology	\$70.00
Cosmetology II * Includes SkillsUSA	\$475.00		
*COSMETOLOGY LAB FEES SUBJECT TO CHANGE BASED ON ACTUAL COST OF KITS AT TIME OF ORDERING		Nursing Assistant * (includes workbook & SkillsUSA fee)	\$125.00
10 th Grade Culinary Elective	\$50.00	Medical Assistant * (includes workbook & SkillsUSA fee)	\$70.00
Culinary I * Equipment is an additional cost	\$150.00	Introduction to Health Sciences (includes workbook)	\$30.00
Culinary II * Equipment is an additional cost <i>* Uniform & Name Tag Additional Cost</i>	\$150.00	Sports Medicine (includes workbook & SkillsUSA fee)	\$50.00
CONSTRUCTION ENGINEERING / TRANSPORTATION			
Power Equipment Technology	\$50.00	10 th Grade Auto Body Elective	\$50.00
10 th Grade Drafting Elective	\$5.00	Auto Body I *	\$250.00
Drafting I	\$20.00	Auto Body II *	\$250.00
Drafting II	\$25.00	Commercial Construction I	\$30.00
10 th Grade Auto Tech Elective	\$50.00	Commercial Construction II	\$180.00
Auto Tech I *	\$200.00	Commercial Construction III	\$100.00
Auto Tech II *	\$200.00	Woods Technology	\$40.00
ASE Tests (\$10.00)			
<i>*Uniform & Equipment Additional Cost</i>			