

Career and Technical Education Programs (CTE)

APPLIED TECHNOLOGY

Automotive Technology Partnership: G.C.C. Grade 12 3 Sem 3 Credits

This partnership with Glendale Community College (GCC) enables students to complete a sequence of basic required automotive courses beginning the summer between their Junior and Senior years of high school. Students are expected to successfully complete a sequence of three courses including:

- AUT 097 - General Automotive Maintenance (Summer)
- AUT 101AA - Internal Combustion Engines Theory (Fall)
- AUT 130 - Automotive Quick Service (Spring)

These courses are held at GCC and students can earn up to nine (9) college credits and three (3) high school elective credits by completing the summer class as well as classes in fall and spring of their Senior year. During the spring, interested students will have the opportunity to apply for entrance into one of three factory-sponsored training programs, Chrysler, GM and Ford, located at GCC. This is a unique opportunity for students interested in the automotive industry to transition smoothly from school to advanced training and the world of work.

Drafting and Design Technology Grades 9-12 2 Sem 1 Credit

This course covers principles fundamental to the production and reading of mechanical drawings. The drawings will be produced using computer-aided design systems. This program of study can be the beginning of a great foundation for those students interested in engineering, architecture, computer science, and other technological fields. Some of the units covered are as follows: orthographic projection, technical geometry, dimensioning, engineering problem solving, and product design. This course provides students the opportunity to use mathematical and scientific reasoning with hands-on applications. Students are expected to develop skills in problem solving, teamwork, critical thinking, research, career planning and self-responsibility.

Architectural Drafting and Design Technology Grades 10-12 2 Sem 1 Credit

Prerequisite: Drafting and Design Technology

Students are given opportunities to investigate architecture as a profession and architectural drafting, building construction and building trades as possible occupations. Students will be required to draw a set of working plans of their own design. The drawings will be produced using computer-aided design systems. Students will manufacture scale models of their project designs. Students will challenge their architectural drafting and design skills at local and regional design competitions through the SKILLS USA student program.

Mechanical Drafting and Design Technology Grades 10-12 2 Sem 1 Credit

Prerequisite: Drafting 1-2 and Design Technology

Students will become skilled at the complete design process: drafting, problem solving, testing, presentation, production, and post-production of mechanical and engineering projects. The course is for students who plan to become technicians in industry or pursue careers in engineering, graphic design, and computer animation. The drawings will be produced using computer-aided design systems. Students are expected to design using 2D and 3D environments. 3D designs will utilize the latest rendering and animation techniques for realism. Students will manufacture scale models of their project designs. Students will challenge their mechanical drafting and design skills at local and regional design competitions through the SKILLS USA student program.

Engineering Sciences

Grades 9-12 2 Sem 1 Credit

Engineering Sciences is designed to provide students with a broad exploratory experience in the world of technology. Students work individually and in groups using fundamental scientific principles to solve real world problems. The course provides students the opportunity to study technological systems including energy/power, manufacturing/construction, transportation and communications. Engineering Sciences uses a unique approach that involves a series of modules which allow a student to work in selected areas of interest. Each activity emphasizes the importance of applied academic skills in reading, mathematics and oral communication. Students are expected to develop skills in problem solving, teamwork, critical thinking, research, planning and responsibility.

Metals 1-2

Grades 9-12 2 Sem 1 Credit

Areas emphasized in this basic course in metal working are safety, hand tools, sheet metal work, acetylene welding and cutting, electric welding, lathe work, hand forge, heat treating, foundry, wrought iron, soldering, plasma cutting and mig & tig welding. This course introduces, explores, and develops the basic skills used in metalworking, manufacturing and industrial production.

Cabinetmaking 1-2

Grades 9-12 2 Sem 1 Credit

This course is designed to teach the student to design, problem-solve, calculate and build using the cabinetmaking curriculum as a hands-on vehicle. The student will study the following areas: industrial safety, machine operation, furniture construction, design, production and finishing. The student will build a piece of furniture for themselves or for others.

AUDIO/VISUAL TECHNOLOGY

Interactive Digital Media 1-2

Grades 9-12 2 Sem 1 Credit

This hands-on course prepares students for a career in the Audio/Visual industry. Script writing, lighting techniques and sound editing projects simulated in a work-based environment will prepare students for careers in this exciting field. Students may expect to work both behind and in-front of the camera. Students will produce and edit digital video/animation.

Interactive Digital Media 3-4

Grades 10-12 2 Sem 1 Credit

Prerequisite: Interactive Digital Media 1-2

This course allows students to simulate working with “real-world” industry experiences. Students are teamed together to apply advanced concepts in audio/visual technology. Students will operate studio equipment in the daily production of video school announcements, public service documentaries and short films. Students will produce and edit advanced digital video/animation. Continued study of media is for the serious video or filmmaker willing to dedicate extra-curricular time to the class. This course may be repeated for credit.

BUSINESS AND COMPUTER EDUCATION

Business Fundamentals Grades 9-12 2 Sem 1 Credit

This energetic course is designed to provide students with an overview of business professions. Students will learn and apply business skills and related technology needed to succeed in a business environment. Students will also examine the skills necessary to obtain and maintain a job by researching career interests. In addition, students will learn life skills such as technology, personal finance and written and verbal communication. Students use state-of-the-art equipment and industry-related instructional materials.

Business Internship (COE) Grade 12 2 Sem 1 Credit
(Cooperative Office Education)

Prerequisites: One business education course (Keyboarding/Business Computer Applications recommended). Career interest in office occupations. Application and interview with the Coordinator. *Note: Student must be enrolled in Business Internship Field (COE)*

Senior students attend classes part of the day and are employed in an office part time working a minimum of 10 hours a week. Through classroom instruction and on-the-job training, the student will:

- develop business skills
- develop a working knowledge of business practices and procedures
- develop a businesslike attitude
- develop self-confidence in a work situation
- learn how to work with people
- learn how to advance in a chosen field
- earn money while gaining experience
- determine student career choice and further education needs for working in the business world

Business Internship Field (COE) Grade 12 2 Sem 1 Credit
(Cooperative Office Education)

Prerequisites: Student must be enrolled in Business Internship (COE). Students must work a minimum of 10 hours per week.

Keyboarding 1-2 Grades 9-12 2 Sem 1 Credit

Students learn basic keyboarding skills that are necessary in today's technological world using the touch-typing method. Keyboarding 1-2 is basic preparation for other business/computer courses, personal use and college. The course incorporates realistic business applications utilizing the computer. It also builds on the speed and accuracy necessary to meet the business world requirements. Course work includes:

- letters
- tables
- employment documents
- personal correspondence
- reports
- memos
- research papers

Marketing Grades 10-12 2 Sem 1 Credit

This is a challenging class that explores exciting business career opportunities. Marketing involves determining customer needs and deciding how best to satisfy those needs. This is a hands-on class for those interested in: sales, economics, entrepreneurship, advertising, career preparation, distribution, and creating business and promotional plans. Marketing is a co-curricular class that encourages students to participate with DECA and apply skills learned in class to real world applications.

Introduction to Culinary Arts 1-2 Grades 9-12 2 Sem 1 Credit

Students will learn the basic culinary skills of food preparation, nutrition, sanitation and safety. Lab work is done in cooperative groups and students learn both the preparation and presentation of nutritious meals. Students will have the opportunity to experience the joys of cooking as they expand their cooking skills for home and/or the food service industry.

Culinary Arts 1-2 Grades 10-12 2 Sem 1 Credit

Prerequisites: Introduction to Culinary Arts 1-2 and teacher approval.

This class is designed to introduce and prepare students with the academic and workplace industry standard skills needed for hospitality and food production. The focus is on preparation for careers in industries such as hotels, meeting centers, educational facilities, recreation/parks and cruise lines.

Culinary Arts 3-4 Grades 10-12 2 Sem 1 Credit

Prerequisite: Culinary Arts 1-2

Students will learn advanced academic and workplace industry skills for hospitality and food production. Students will have the opportunity to complete industry internship hours and then may take the National Restaurant Association Industry Certification Test.

GRAPHIC COMMUNICATIONS

Introduction to Graphic Communications Grades 9-12 2 Sem 1 Credit

This course provides an overview of journalism and the graphic communications industry. Students will be introduced to various areas and job opportunities in this field. A basic overview of mass media, the printing industry, graphic design, advertising and marketing communications will be discussed. This course provides the student with an understanding of how graphic design, advertising and marketing are utilized to provide clients with effective visual communications to a specific target market. Elements of design, design philosophy, typography, marketing and color will be discussed and students will produce a wide variety of publication products.

School Publications Grades 10-12 2 Sem 1 Credit

Prerequisite: Introduction to Graphic Communications

In this course students will explore the fundamental principles and creative process of graphic design as it relates to newspaper production. An emphasis is placed on visual problem solving skills and the creative and aesthetic aspects of traditional graphic design. This course includes practical application of graphic communications and newspaper production skills such as planning, editing, financing and distributing the paper, writing headlines and stories, and designing pages. Other units of study include research techniques and analysis of current events and the professional communications media. Maturity, responsibility and willingness to work and meet deadlines are required personal attributes. The course also explores the implications of traditional graphic design in a digital format.

Advanced Desktop Publications Grades 11-12 2 Sem 1 Credit

Prerequisite: Introduction to Graphic Communications; School Publications

This one credit course is designed for grades 11-12 and is the third in a series that prepares students for gainful employment and/or entry into post-secondary education in the graphic communications industry. Content provides the opportunity to acquire marketable skills by examining both the industry and its career opportunities and by developing leadership, teamwork, and industry skills. Laboratory facilities and experiences simulate those found in the graphic communications industry. This course may be repeated for credit.

MEDICAL OCCUPATIONS

Health Careers Education 1-2 (HCE) Grades 11-12 2 Sem 1 Credit

This program includes work experience at one of the major hospitals in the Phoenix area. Work experience is for two hours per day, three days a week. Related instruction conducted two days a week for two hours at a GUHSD high school. Transportation to and from the hospital is provided by the district. Students work side-by-side with hospital staff in a variety of jobs which include nursing, pharmacy, social services, physical and recreational therapy, x-ray, supply, laboratory, and others. The experience provides students with skills, knowledge, and understanding of occupations of the health field.

Health Careers Education 1-2 Field (HCE) Grades 11-12 2 Sem 1 Credit

Prerequisite: Student must be enrolled in Health Careers Education 1-2 (HCE).

PUBLIC SAFETY OCCUPATIONS

Emergency Medical Technician Grade 12 2 Sem 4 Credits

Emergency Medical Technician Partnership: West-MEC This partnership with West-MEC enables students to complete a sequence of basic required EMT courses beginning the fall of their senior year. Students are expected to successfully complete a sequence of three courses including:

- EMT 101 CPR Basic Life Support
- EMT 102 First Responder
- EMT 104 EMT Basic

These courses are held at GCC and students can earn up to eleven (11) college credits and four (4) high school elective credits by completing all three classes. This is a unique opportunity for a student interested in the medical or public safety field to transition smoothly from school to advanced training and the world of work.

- The EMT program requires an application process. Students interested in EMT should see their school counselor for an application and more details.

Fire Science Grade 12 2 Sem 1 Credit

This is a challenging class that explores interesting career opportunities in fire science. Topics will range from the history of the fire services, fire ground activities, fire prevention, technical rescue, hazardous materials, CPR and first aid certifications. This is a unique opportunity for students interested in the fire science program to advance in training and pursue a career in fire.

English Language Learner Program (ELL)

ELL Conversational English & Academic Vocabulary

Grades 9-12

2 Sem

1 Elective Credit

Prerequisites: Limited English proficiency as determined by assessment; placement based on the recommendation of ELL Department. Concurrent enrollment in the following three ELL courses is required: ELL English Grammar, ELL English Reading, and ELL English Writing.

One focus of ELL Conversational English and Academic Vocabulary is the development of speaking and listening skills for beginning English learners. An additional focus is the development of the English academic vocabulary. Students are taught to pronounce words clearly, follow oral directions and commands, respond appropriately to oral questions, and comprehend the organization of academic textbooks. The students are also taught to use target academic vocabulary and simple grammatical forms correctly while speaking on a variety of topics and in a variety of situations, such as spontaneous conversation, prepared dialogues, impromptu speeches, and prepared speeches.

ELL English Grammar

Grades 9-12

2 Sem

1 Elective Credit

Prerequisites: Limited English proficiency as determined by assessment; placement based on the recommendation of ELL Department. Concurrent enrollment in the following three ELL courses is required: ELL Conversational English/Academic Vocabulary, ELL English Reading, and ELL English Writing.

The focus of ELL English Grammar is the correct application of grammar and mechanics when writing about a variety of topics, in a variety of genres. Students are taught to apply correct language conventions, usage, and select verb tenses when writing simple, compound, and complex sentences.

ELL English Reading

Grades 9-12

2 Sem

1 Elective Credit

Prerequisites: Limited English proficiency as determined by assessment; placement based on the recommendation of ELL Department. Concurrent enrollment in the following three ELL courses is required: ELL Conversational English/Academic Vocabulary, ELL English Grammar, and ELL English Writing.

The focus of ELL English Reading is the development of oral and silent reading skills for beginning English learners. Students are taught reciprocal reading strategies for fiction, functional text, and persuasive text. Extensive vocabulary, common Greek and Latin roots and affixes, selected literary terms, and selected literary elements are introduced. Students are also taught to analyze text for overall meaning, to use bilingual and English dictionaries, and to use note-taking and test-taking strategies effectively.

ELL English Writing

Grades 9-12

2 Sem

1 Elective Credit

Prerequisites: Limited English proficiency as determined by assessment; placement based on the recommendation of ELL Department. Concurrent enrollment in the following three ELL courses is required: ELL Conversational English/Academic Vocabulary, ELL English Grammar, and ELL English Reading.

The focus of ELL English Writing is the development of writing skills for beginning English learners. Students are taught simple and compound sentence structure, usage, mechanics, and the correct use of target vocabulary in context. Composition pieces include expository paragraph, persuasive paragraph, summary, personal narrative or expressive poem, and business letter.

ELL English 1-2

Grades 9-12

2 Sem

1 Lang Arts Credit

Prerequisites: Limited English proficiency as determined by assessment; placement based on the recommendation of ELL Department. Concurrent enrollment in the following three additional ELL courses is required: ELL Read180/Reading 1-2, ELL Academic English Reading, and ELL Academic English Writing/Grammar.

The focus of ELL English 1-2 is the development of English writing proficiency along with effective oral presentation skills and reading strategies. Composition pieces include expository essay, summary, personal narrative, business letter, and persuasive text. Students also learn to apply correct language conventions in their writing and to locate resources electronically and in the Media Center. In conjunction with ELL Read180/Reading 1-2, this course is aligned to the Arizona ELL Proficiency Standards and will prepare students for the AIMS Writing assessment.

ELL READ180/Reading 1-2

Grades 9-12

2 Sem

1 Elective Credit

Prerequisites: Limited English proficiency as determined by assessment; placement based on the recommendation of ELL Department. Concurrent enrollment in the following three ELL courses is required: ELL Academic English Reading, ELL Academic English Writing and Grammar, and ELL English 1-2.

READ180 is a reading intervention program designed to meet the needs of students whose reading achievement in English is below grade level. This program directly addresses individual needs through adaptive and instructional software, high-interest literature, and direct instruction in reading skills. Emphasis is placed on phonemic awareness, phonics, fluency, vocabulary, and comprehension.

The study of literature is introduced through short stories, poetry, novels, and/or plays. Students are taught to analyze for literary elements, figurative language, and overall meaning. Effective oral and written communication skills are also taught. In conjunction with ELL English 1-2, this course is aligned to the Arizona ELL Proficiency Standards and will prepare students for the AIMS Reading assessment.

ELL Academic English Writing & Grammar

Grades 9-12

2 Sem

1 Elective Credit

Prerequisites: Limited English proficiency as determined by assessment; placement based on the recommendation of ELL Department. Concurrent enrollment in the following three ELL courses is required: ELL Academic English Reading, ELL English 1-2, and ELL Read180/Reading 1-2.

The focus of ELL Academic English Writing and Grammar is the correct application of correct grammar and mechanics when writing about a variety of topics, in a variety of genres. Students are taught to apply correct language conventions, usage, and select verb tenses when writing simple, compound, and complex sentences. This class may be repeated for credit.

ELL Academic English Reading

Grades 9-12

2 Sem

1 Elective Credit

Prerequisites: Limited English proficiency as determined by assessment; placement based on the recommendation of ELL Department. Concurrent enrollment in the following three ELL courses is required: ELL Academic English Writing and Grammar, ELL English 1-2, and ELL Read180/Reading 1-2.

The focus of ELL Academic English Reading is the development of reading strategies for comprehension of both fiction, persuasive, and functional text. In conjunction with ELL English 1-2, this course is aligned to the Arizona ELL Proficiency Standards and will prepare students for the AIMS Reading assessment. This class may be repeated for credit.

ELL English 3-4 Grades 9-12 2 Sem 1 Lang Arts Credit

Prerequisites: Limited English proficiency as determined by assessment; placement based on the recommendation of ELL Department. Concurrent enrollment in ELL Reading 3-4 is required. Concurrent enrollment in ELL Academic English Writing and Grammar and in ELL Academic English Reading may also be required.

The focus of ELL English 3-4 is the development of English writing proficiency along with effective oral presentation skills and reading strategies. Composition pieces include persuasive essay, workplace documents, poem or expressive piece, and a research project. Students learn to apply correct language conventions in their writing and to locate resources electronically and in the Media Center. In conjunction with ELL Reading 3-4, this course is aligned to the Arizona ELL Proficiency Standards and will prepare students for the AIMS Writing assessment.

ELL Reading 3-4 Grades 9-12 2 Sem 1 Elective Credit

Prerequisites: Limited English proficiency as determined by assessment; placement based on the recommendation of ELL Department. Concurrent enrollment in ELL English 3-4 is required. Concurrent enrollment in ELL Academic English Writing and Grammar and in ELL Academic English Reading may also be required.

The focus of ELL Reading 3-4 is the development of reading strategies for comprehension of fiction, persuasive, and functional text. The study of literature is continued through short stories, poetry, novels, and/or plays. Students are taught to analyze for literary elements, figurative language, and overall meaning. Effective oral and written communication skills and common Greek and Latin roots and affixes are also taught. In conjunction with ELL English 3-4, this course is aligned to the Arizona ELL Proficiency Standards and will prepare students for the AIMS Reading assessment.

ELL Resource Grades 9-12 2 Sem 1 Elective Credit

Prerequisites: Limited English proficiency as determined by assessment; placement based on the recommendation of ELL Department.

The focus of ELL Resource is to provide academic support for English Language Learners. Study skills, reading strategies, and test taking strategies are taught. This course may be repeated for credit.

Foreign Language

Foreign Language Level 1-2 Grades 9-12 2 Sem 1 Credit

The first year foreign language course enables students to function at a novice level of proficiency in the four skills of language acquisition: speaking, writing, reading, and listening. Basic grammar structures are learned so that the student can communicate in the present moment in simple survival situations. Cultural aspects of the people and countries where the target language is spoken are explored through a variety of activities including videos, music, and enrichment activities.

- French 1-2
- Spanish 1-2

Foreign Language Level 3-4 Grades 9-12 2 Sem 1 Credit

Prerequisite: Passing Level 1-2 or teacher recommendation and/or approval.

The second year foreign language course expands upon the student's proficiency skills of speaking, writing, reading, and listening with emphasis on describing personal activities in the simple past. Further investigation of the cultural aspects of the people and countries where the target language is spoken are explored.

- French 3-4
- Spanish 3-4

Foreign Language Accelerated Level 5-6 Grades 9-12 2 Sem 1 Credit

Prerequisite: Successful achievement in Level 3-4 or teacher recommendation and/or approval.

Accelerated honor credit

The student's proficiency in the language skills of speaking, writing, reading, and listening are further enhanced by focusing on detailed descriptions of memorable events in the past. A focus on accurate language usage begins the two-year preparation for the college placement exam thus granting accelerated credit to this third year course. Investigation into more detailed cultural aspects of the target language's country and people are explored.

- Accelerated French 5-6
- Accelerated Spanish 5-6

Foreign Language Advanced Placement Level Grades 9-12 2 Sem 1 Credit

Prerequisite: Successful achievement in Accelerated Level 5-6 or teacher recommendation and/or approval.

Accelerated honor credit

Advanced Placement foreign language is designed to prepare students to pass the College Board's Advanced Placement examination which may grant college credit from most colleges and universities. Intense preparation is performed in the four language skill areas with students reading authentic language articles and modern short stories, writing extended essays and short plays, and listening to authentic language excerpts leading to a high level of comprehension and communication. Further cultural studies with authentic materials are explored.

- Advanced Placement French
- Advanced Placement Spanish

Note: *The above Advanced Placement courses are contingent upon enrollment numbers.*

Language Arts

Regular and Accelerated English 1 through 8 are aligned to the Arizona Academic Standards and will prepare students for AIMS (Arizona's Instrument to Measure Standards).

READ 180/English 1-2 Grade 9 2 Sem 2 Credits

Prerequisites: Placement based on 8th grade assessment and teacher recommendation. Concurrent enrollment in an English 1-2 class is required.

READ 180 is a reading intervention program designed to meet the needs of students whose reading achievement is below grade level. This program directly addresses individual needs through adaptive and instructional software, high-interest literature, and direct instruction in reading skills. Emphasis is on the skills of phonemic awareness, phonics, fluency, vocabulary, and comprehension. The class is blocked with English 1-2.

English 1-2

Grade 9

2 Sem

1 Credit

Composition units focus on writing the personal narrative, expository essay, summary of a factual article, and the letter. Students learn to apply correct language conventions in their writing. A study by genre introduces the students to literature. Students are taught to read closely and analyze poetry and the short story for literary elements. In addition to these subjects, high school study skills, oral presentation skills, and test taking skills are taught, and an introduction to the use of the media center is included.

Accelerated English 1-2

Grade 9

2 Sem

1 Credit

Prerequisite: Teacher recommendation

An intensified program of study, this course introduces the skills needed for critical reading and written analysis of literature. Specific literary types such as the short story, non-fiction, the novel, drama, and poetry are studied. Composition instruction stresses mastery of expository essay forms. Emphasis is also placed on intensive review of usage and mechanics, vocabulary development, oral presentation skills, and the use of research skills.

English 3-4

Grade 10

2 Sem

1 Credit

Composition units focus on writing the persuasive essay, research report, and workplace documents. Students are taught to apply correct language conventions in their writing. A study by genre continues students' exposure to literature. Students are taught to read closely and analyze poetry and the short story for literary elements. Other literary forms, including novels and drama, are also read and analyzed. A media center research unit is included, as well as a unit on oral presentation skills.

Accelerated English 3-4

Grade 10

2 Sem

1 Credit

Prerequisite: Teacher recommendation

An intensified program of study, this course includes extensive practice in various essay forms and an introduction to media center research. Emphasis is placed on critical reading and analysis of a variety of literary forms which include the short story, novel, drama, and poetry. The students review correct language conventions, develop vocabulary skills as they relate to the study of literature, and develop oral presentation skills.

English 5-6

Grade 11

2 Sem

1 Credit

Composition units focus on the comparison-contrast essay. A research unit is included with instruction on the research process and documentation of sources. Students are taught to use the processes of revision and editing to apply correct language conventions in their writing. Emphasis is placed on the interpretation of essays, biographies, poems, short stories, plays, and novels primarily from American literature. Students are also expected to improve their oral presentation skills.

Accelerated English 5-6

Grade 11

2 Sem

1 Credit

Prerequisite: Teacher recommendation

An intensified program of study, this accelerated course emphasizes the development of skills in critical reading, writing, and thinking in preparation for Advanced Placement English. The course focuses on a variety of contemporary and classical literary forms such as the essay, biography, short stories, novels, drama, and poetry. The writing process is applied in the writing of formal essays, literary criticisms and documented research papers. Oral presentation skills are emphasized.

English 7-8 Grade 12 2 Sem 1 Credit

Composition units focus on a literary analysis essay and workplace documents. A research unit is included with instruction on the research process and documentation of sources. Students are taught to use the processes of revision and editing to apply correct language conventions in their writing. Emphasis is placed on the interpretation of essays, biographies, poems, short stories, plays, and novels primarily from English literature.

Advanced Placement English Grade 12 2 Sem 1 Credit

Prerequisite: Teacher recommendation

Advanced Placement English provides the accelerated college-bound English student with three unique advantages: The student studies challenging college level works of recognized literary merit, develops power and precision in organizing and expressing ideas in college-level essay writing, and takes the Advanced Placement examination in English. The student who scores well on the examination can receive up to a full year of English credit from most colleges.

Reading Standards Prep Grades 11-12 2 Sem 1 Credit

Prerequisites: Placement based on teacher recommendation and standardized assessment

This course is designed as remediation for students who have not yet passed AIMS reading, the state graduation test. The students receive intense instruction on reading skills through the use of direct teacher tutoring and computer software. This course may be repeated for credit.

Mathematics

Regular and Accelerated Algebra 1 through Geometry are aligned to the Arizona Academic Standards and will prepare students for AIMS (Arizona's Instrument to Measure Standards).

Algebra 1 Grades 9-12 2 Sem 1 Credit

Prerequisite: Arizona Mathematics Standards for eighth grade graduation.

This is the first of two courses that, in part, comply with the Arizona Mathematics Standards document mandated and published by the Arizona Department of Education. Students are taught the concepts of algebra, basic probability, and beginning statistics and data analysis. The student will be required to demonstrate knowledge of these skills and their application within and without the field of mathematics.

Accelerated Algebra 1/Geometry Grade 9 2 Sem 2 Credits

Prerequisites: Successful completion of a beginning algebra course (Algebra 1) or a Pre-Algebra course with teacher recommendation.

This course is designed to study the Algebra 1 and Geometry curriculum in more depth and with greater rigor. Upon successful completion, students are awarded two credits, one for Algebra 1 and one for Geometry. The student will be required to demonstrate knowledge of these skills and their application within and without the field of mathematics.

Geometry Grades 9-12 2 Sem 1 Credit

Prerequisite: Successful completion of a beginning algebra course (Algebra 1).

This is the second of two courses that, upon completion, satisfy the requirements as set forth in the Arizona Mathematics Standards document. Students are taught the concepts and applications of geometry, some beginning trigonometry, and beginning geometric probability. The student will be required to demonstrate knowledge of these skills and their application within and without the field of mathematics. Successful completion of the Algebra 1 and Geometry courses fulfills the Arizona Board of Regents Mathematics competency requirements. Additional requirements must be met to enter Arizona universities and for the endorsement.

Accelerated Geometry Grades 10-12 2 Sem 1 Credit
Prerequisites: Successful completion of Algebra 1 course outcomes and teacher recommendation.

This course covers all topics in Geometry in more depth and with greater rigor.

Algebra 2 Grades 10-12 2 Sem 1 Credit
Prerequisite: Geometry

This course is a continuation of the algebra and related topics found in Geometry. It is one of the "Additional Courses Required for University Admission," as specified by the Board of Regents, and is required for the endorsement. Outcomes for this course describe the skills and concepts which include, exponentiation, logarithms, sequences, trigonometry and other topics normally found in an Intermediate Algebra course at most colleges and universities.

Accelerated Algebra 2 Grades 9-12 2 Sem 1 Credit
Prerequisite: Accelerated Algebra 1/Geometry or Geometry with teacher recommendation.

In addition to topics included in Algebra 2, this course includes the study of circular functions and extended topics in trigonometry.

College Algebra Grades 10-12 2 Sem 1 Credit
Prerequisite: Algebra 2 or Accelerated Algebra 2

This course also attends to the entrance requirements for Arizona universities, and is required for the endorsement. It includes topics traditionally included in a College Algebra course, which are, among others, algebra, trigonometry, analytic geometry, functions, matrices, and logarithmic functions.

Accelerated Pre-Calculus Grades 10-12 2 Sem 1 Credit
Prerequisite: Accelerated Algebra 2 or Algebra 2 with teacher recommendation.

This course is a college preparatory course for those students who plan to take Calculus. This course covers all the Pre-Calculus topics in more depth and with greater rigor, as well as additional topics. Like the regular College Algebra class, this meets the entrance requirements for Arizona universities.

Advanced Placement Calculus A B Grade 12 2 Sem 1 Credit
Prerequisite: Accelerated Pre-Calculus or College Algebra with teacher recommendation.

This course consists of a full academic year of work in Calculus and related topics comparable to first semester courses in colleges and universities. All students are required to take the College Board's examination for this subject. Success on this exam will grant, to the student, credit or advanced placement at many colleges and universities.

Math Standards Prep Grades 11-12 2 Sem 1 Credit
Prerequisites: Mastery of Algebra 1 and Geometry.

This course is required of all juniors and seniors who have successfully completed the "core" courses of Algebra 1 and Geometry but have not yet passed the math portion of AIMS, the state-mandated test. It presents a review of algebra and geometry concepts and their applications in the real world. Credit does not meet college entrance requirements, or the requirements for the endorsement. This course may be repeated for credit.

Naval Science (NJROTC)

The Naval Science course, under the Naval Junior Reserve Officers Training Corps program (NJROTC), is based on meeting the needs of today's high school student. While military oriented, the purpose of the course is to instill in each student the values of citizenship, service to the United States, personal responsibility, and a sense of accomplishment. The objectives of the class are to promote patriotism, develop informed and responsible citizens, promote habits of orderliness and precision, develop respect for constituted authority, and develop a high degree of personal honor, self-reliance, individual discipline and leadership. Additionally, the course promotes an understanding of the basic elements and requirements for national security, develops respect for and an understanding of the need for authority in a democratic society, provides incentives to live healthy and drug free, develops leadership potential, promotes high school completion, and provides information on the military services as a possible career. All enrolled students are encouraged to participate in numerous field trip opportunities available throughout the school year. Naval Science is open to all students, with regular academic credit toward graduation. Although the course is designed as a four-year program of instruction with entry normally at the freshman or sophomore level, adjustments can be made and credit granted for each semester completed. Students taking Naval Science are eligible for participation in the course related co-curricular activities which may include the drill teams, color guard, air rifle team, orienteering team, academic team, athletic team, community service activities, and Rocket Club. Students who complete a minimum of two years of Naval Science may receive advanced status and increased pay should they decide to enlist in any branch of the Armed Forces or National Guard. Several scholarship opportunities are available to the military service academies and selected Reserve Officer Training Corps (ROTC) colleges and universities. No military service obligation is incurred by taking any Naval Science course.

Naval Science 1-2

Grades 9-11

2 Sem

1 Credit

The student is introduced to the Naval Science program. Subjects include Introduction to the NJROTC Program, Introduction to Leadership, Citizenship, The Foundations of our Government, Navy Ships and Aircraft, Introduction to Military Customs and Courtesies, Wearing the Naval Uniform, and an Introduction to Military Drill and Ceremonies.

Naval Science 3-4

Grades 10-11

2 Sem

1 Credit

Prerequisite: Naval Science 1-2 or Senior Instructor recommendation.

The student is exposed to an intermediate level within the Naval Science program. Subjects include Maritime History, Leadership, Maritime Geography, Oceanography, Meteorology and Weather, Astronomy, Physical Sciences, and advanced Military Drill and Ceremonies.

Naval Science 5-6

Grades 11-12

2 Sem

1 Credit

Prerequisite: Naval Science 3-4 or Senior Instructor recommendation.

The student is instructed at an advanced level within the Naval Science program. Subjects include Sea Power and National Security, Naval Operations and Support Functions, Military Law, International Law and the Sea, Ship Construction and Damage Control, Shipboard Organization, Basic Seamanship, Marine Navigation, Rules of the Road and Maneuvering Board, Naval weapons and Aircraft, and supervision of Military Drill and Ceremonies.

Naval Science 7-8

Grade 12

2 Sem

1 Credit

Prerequisite: Naval Science 5-6 or Senior Instructor recommendation.

The student is placed in a leadership role within the Naval Science program. As senior students their responsibilities are similar to those of junior officers in the Navy. Subjects include: Human Motivation, Group Dynamics, Leadership Techniques, Responsibilities and Qualities of a Leader, and Achieving Effective Communication. Additionally, students are expected to assist the Naval Science Instructors in the regular conduct of classes; act as drill instructors; plan, organize, and conduct extra-curricular activities; plan, prepare, and present lessons in certain academic areas, as well as evaluate subordinates performance and potential, including morale, behavior and performance of their particular class.

Non-Departmental**Leadership & Communication**

Grades 9-12

2 Sem

1 Credit

Prerequisite: Election to Student Council, class office or permission of the teacher.

This course is designed to provide students with an awareness of the intricacies of representative government and communications through direct involvement with both processes. Classroom instruction is combined with leadership experience through student council meetings, committee meetings and projects. This course may be repeated for credit.

Library Media Services

Grades 9-12

2 Sem

1 Credit

Students will be trained to assist in various aspects of Media Center operation and organization. Students will also be working with computers and AV equipment. Since public relations skills are important in the Media Center, students should be enthusiastic, reliable and self-directed. Library Media Services students are graded on their attitude, attendance, efficiency, responsibilities and tests. This course may be repeated for credit.

Peer Tutoring

Grades 9-12

1 or 2 Sem

1/2 or 1 Credit

Peer tutors will receive diagnostic and instructional training. Skills acquired from this training will be used to assist students in one-on-one and small group instructional situations. The goal of every peer tutor will be to ensure that each client receives the additional help he/she needs in meeting the objectives or outcomes for his/her class(es). Peer tutors will be assigned according to local school needs. This course may be repeated for credit.

Programming 1-2/Visual BASIC

Grades 9-12

2 Sem

1 Credit

The student will learn how to write computer programs to solve mathematical and business problems on a microcomputer. The student will also use problem-solving techniques to write programs in the Visual BASIC language. This course will prepare the student for more advanced computer programming courses. Students will study topics such as algorithm design, arrays, and sequential and random files.

INSTRUMENTAL MUSIC COURSES

Band – Intermediate Grades 9-12 2 Sem 1 Credit

Prerequisite: One year of beginning band and/or audition by the director.

Activities may include marching in football games and parades, performing in concerts, etc. The course includes continued development of music reading skills, further development of technique, increased emphasis on tone production and intonation, development of attitude with emphasis on group participation. Elements of music theory and music listening are included. Attendance at all performances is required. This course may be repeated for credit.

Band – Advanced Grades 9-12 2 Sem 1 Credit

Prerequisite: One or more years of band experience and/or audition by the director.

Activities include marching in football games and parades, performing in concerts, music festivals, pep rallies, assemblies, etc. The course includes development of sight reading skills, development of fluent technique, perfection of tone production and intonation with emphasis on ensemble quality, acceptance of all responsibilities of group participation. Elements of theory and music listening, and music history are included. Attendance at all performances is required. This course may be repeated for credit.

Jazz Ensemble Grades 9-12 2 Sem 1 Credit

Prerequisite: Audition by the director.

This course is designed for those students who have an interest in performing jazz/jazz-rock literature. Course includes development of sight-reading skills in various jazz styles, ensemble playing, rhythmic interpretation and improvisation methods. Acceptance of all responsibilities of group participation and attendance at all performances is required. This course may be repeated for credit.

Orchestra Grades 9-12 2 Sem 1 Credit

Prerequisite: Approval of the director.

Students in the beginning to advanced levels of development will receive instruction in the basic fundamentals of string instruments; bowing, technique and tone production. Student may be required to provide his/her own instrument. Attendance at all performances is required. This course may be repeated for credit.

Piano Grades 9-12 2 Sem 1 Credit

This class is open to beginning, intermediate or advanced pianists who wish to study piano or improve their piano skills. Musical styles to be studied will include classical, popular, jazz folk, country western, and rock and roll. Techniques in the fundamentals of music, sight-reading, and transposition will be basic to the course structure. Opportunities for qualified students to perform in public concerts will be encouraged. This course may be repeated for credit.

THEATRE

Theatre Arts 1-2 Grades 9-12 2 Sem 1 Credit

Designed to introduce the student to the basic elements of theatrical arts, this course includes units on acting, technical theatre, history, directing, and drama as literature. Activities for the class includes pantomime, voice, dialect study, set construction, painting, lights, sound, and play analysis through in-class performance and written work.

Theatre Arts 3-4 Grades 10-12 2 Sem 1 Credit

Prerequisite: Theatre Arts 1-2 or teacher recommendation.

This course emphasizes practical hands-on application of the basic skills of the theatre arts introduced in 1-2. Additional units in advanced acting techniques, mime, improvisation, make-up, lights, sound, and set design are included. Individual growth in all areas relating to theatre arts in the school and the community is encouraged through performance, written work, outside reading and attendance of outside productions. As in all theatre classes, emphasis will be on demonstration and practical experience in a working atmosphere.

Theatre Arts 5-6 Grades 11-12 2 Sem 1 Credit

Prerequisite: Theatre Arts 3-4 and/or teacher recommendation.

This advanced course for career-minded theatre students is a performance-oriented course in which the skills and knowledge acquired in Theatre Arts 1-2 and 3-4 are used. Advanced work in acting, directing, and technical theatre is included. Students will be active in production work throughout the year by working on scenes, plays, and audition monologues.

Theatre Arts 7-8 Grade 12 2 Sem 1 Credit

Prerequisite: Theatre Arts 5-6 and/or teacher recommendation.

Designed for seniors with a career interest in the theatre, this advanced theatre course emphasizes instruction and practice in production work--technical, acting, and directing. Emphasis is placed on the individual's major interest in the field of theatre.

VOCAL MUSIC

Choir 1-2 Grades 9-12 2 Sem 1 Credit

This course is designed to give each student the basic fundamentals of vocal production and part-singing. The students also learn basic music notation and sight singing. Attendance at all performances is required. This course may be repeated for credit.

Choir 3-4 Grades 9-12 2 Sem 1 Credit

This course is designed to continue the student's training in proper vocal production and part-singing. The literature presented will be more difficult than that studied in Choir 1-2. Attendance at all performances is required. This course may be repeated for credit.

Concert Choir Grades 9-12 2 Sem 1 Credit

Prerequisite: Audition

Students chosen for this choir demonstrate good tone production, sight singing ability, and a desire to sing music of a worthwhile quality. A continued emphasis is placed on vocal development and sight singing skills. Attendance at all performances is required. This course may be repeated for credit.

Vocal Ensemble Grades 9-12 2 Sem 1 Credit

Prerequisite: Audition

The members of the vocal ensemble will learn and perform the finest of choral literature. Music of a variety of periods will be studied. All students have the opportunity to sing solos and to sing in small ensembles. Attendance at all performances is required. This course may be repeated for credit.

Physical Education

*A PE uniform is required to be worn in **all** Physical Education classes.*

Physical Education 1-2

Grade 9

2 Sem

1 Credit

This required course is designed to introduce students to the fundamental concepts associated with health related fitness and leading a physically active lifestyle. Students will engage in a variety of activities related to improving aerobic fitness, muscular strength and endurance, flexibility, and body composition. Students will also have an opportunity to participate in activities that integrate the five components of health related fitness as well as activities that promote lifetime physical activity. Fitness activities and co-educational units are included in this course and all students will participate in the GUHSD fitness assessment.

Systematic Conditioning

Grades 10-12

1-2 Sem

1/2 or 1 Credit

Prerequisite: Must have completed 2 semesters of Physical Education.

This course is designed to give the student an opportunity to develop their body systems into peak physical condition and appearance and to have the student understand how to maintain this level throughout life. Each student will develop an individualized program as the principles of conditioning and training are learned. Emphasis will be placed on increasing the muscular structure, running for stamina, physical training and weight controls. Classroom lectures and written tests on the body systems maybe included in the course. This course may be repeated for credit.

Science

Thinking Science

2 Sem

1 Credit

Thinking Science is based on instruction in the Scientific Method--a logical problem solving process. Using problem solving strategies, the scientific method, hands-on lab experiences and cooperative learning strategies, students acquire the abilities to do scientific inquiry and gain a knowledge base to support those inquiries. The Thinking Science content focuses primarily on Earth Science. The following units are included in Thinking Science:

- Astronomy
- Weather and Climate
- Systems
- Chemistry
- Scientific Inquiry
- History & Nature of Science
- Environment
- Motions & Forces

The Thinking Science curriculum is aligned with the Arizona State Standards and this course is approved as a laboratory course for university admission.

Accelerated Thinking Science

2 Sem

1 Credit

Prerequisite: Teacher recommendation

Skills and concepts covered in the Thinking Science course (listed above) will be presented in greater depth.

Biology

2 Sem

1 Credit

This is an introductory course in biological sciences. The central theme of this course is scientific investigation and the concepts of change and diversity. Students will acquire a knowledge base in:

- Cells
- Living Systems
- Genetics
- Ecology
- Evolution
- Classification

The Biology curriculum is aligned with the Arizona State Standards and this course is approved as a laboratory course for university admission.

Accelerated Biology

2 Sem

1 Credit

Prerequisites: Accelerated Thinking Science and teacher recommendation

OR

Corequisites: Accelerated English 1-2 & Accelerated Algebra/Geometry, and teacher & parent recommendation.

Accelerated Biology classes cover basically the same topics covered in regular Biology, but in greater depth. These students also have the opportunity for in-depth research and/or science fair projects.

Advanced Biology

2 Sem

1 Credit

Prerequisites: Biology. Chemistry recommended or taken concurrently.

In this course the human body, including all of its systems, is studied in detail. This is an anatomy and physiology course in which the interrelationships between different body systems are emphasized. The role of nutrition, the function of the various nutrients, and the role of exercise in the proper functioning of the human organism are described. Those students who are preparing for studies in the exercise sciences and physical education would be wise to include this course in their course of study.

Advanced Placement Biology

2 Sem

1 Credit

Prerequisites: Biology and teacher recommendation. Chemistry recommended or taken currently.

The chemistry and biochemical processes of photosynthesis, cellular respiration, membrane structure and functions, enzyme activity, biomedical genetics, reproductive processes and embryo genesis are covered in depth. Other topics include: Cellular Transport; Anatomy and Physiology of plants and animals; Ecology and Organic Adaptation. This course is recommended for those students who are planning a career in medicine, molecular biology, biochemistry, pharmacy, or pre-dental. All students are required to take the College Board's examination for this subject. Success on this exam will grant, to the student, credit or advanced placement at many colleges and universities.

Chemistry

2 Sem

1 Credit

Prerequisites: Algebra 1 with a minimum grade of 3 and Geometry concurrently.

The central theme of this course is scientific investigation through hands-on laboratory experimentation and the use of conceptual models. A knowledge base will be acquired through units on:

- Properties and composition of substances
- Qualitative and quantitative relationships and measurements of energy
- Descriptions and predictions of the products of chemical reactions
- Physical interactions of matter and energy

The Chemistry curriculum is aligned with the Arizona State Standards and this course is approved as a laboratory course for university admission.

Accelerated Chemistry

2 Sem

1 Credit

Prerequisites: Algebra with a minimum grade of 2 and taking Geometry concurrently or Accelerated Algebra/Geometry with a minimum grade of 3, and teacher recommendation.

Accelerated Chemistry will cover a wider area of concepts than Chemistry. This class will be lab-oriented with open-ended experiments that will allow students to go beyond the basic principles. Students who need a strong background in Chemistry for their career needs should select this course.

Accelerated Physics

2 Sem

1 Credit

Prerequisites: Geometry with minimum grade of 3, Algebra 2 concurrently, and teacher recommendation.

In Accelerated Physics, mathematical concepts are applied to solving problems and deriving laws to help explain natural behavior. Topics covered include kinematics, dynamics, thermodynamics, wave motion, light, electrostatics, electric circuits, and electromagnetism. This course is needed by those students who plan on entering into a career involving education, pre-medical, pre-dental, architecture, forestry, engineering, electronics, communication, chemistry or law.

Advanced Placement Physics

2 Sem

1 Credit

Prerequisite: Algebra 2 with a minimum grade of 2, and teacher recommendation.

Advanced Placement Physics will cover the Advanced Placement curriculum including atomic and nuclear physics as well as modern theories such as quantum and relativity. The problem solving that is included in this course requires students to use analysis skills and apply knowledge from a broad range of formulas. This course is recommended for students desiring to complete the advanced placement examination.

Social Studies

World History & Geography/Arizona Geography

Grades 10-12

2 Sem

1 Credit

This course is a survey of world history from Ancient Greece and Rome to the Modern Age. Students will be instructed to identify, describe, and explain key themes, events, terms, patterns, beliefs, causal relationships, and turning points in world history.

Accl World History & Geography/Arizona Geography Grades 10-12 2 Sem 1 Credit

This course offers an in-depth study of world history and geography. It is designed to prepare students for the rigorous advanced placement courses offered in the social studies. The interpretation and use of primary sources is stressed in this course.

U.S. & Arizona History/Geography Grade 11 2 Sem 1 Credit

This course is a survey of United States history from the American Revolution to the current issues of today. Students will be instructed to demonstrate analytical skills and have the ability to interpret significant patterns, themes, ideas, beliefs, and turning points in United States history.

Advanced Placement U.S. & Arizona History/Geography Grades 11-12 2 Sem 1 Credit

This course uses the College Board curriculum which is a survey of United States history from Colonial America through the Modern Era. The instruction of this course provides students with an in-depth study of United States history utilizing a college level text, primary and secondary sources, and the writing of free response and document based essays. All students are required to take the College Board's examination for this subject. Success on this exam will grant, to the student, credit or advanced placement at many colleges and universities.

U.S. & Arizona Government/Economics Grade 12 2 Sem 1 Credit

This course is a survey of United States governmental institutions as well as a study of the American economic system. Students will be instructed to reach an informed position and construct a thoughtful argument utilizing appropriate knowledge of government, economics, history, geography, and United States political institutions.

Advanced Placement U.S. & Arizona Government/Economics Grade 12 2 Sem 1 Credit

This course uses the College Board curriculum which provides students with an in-depth study of United States governmental concepts as well as the principals of political behavior. The instruction of this course utilizes a college level text, primary and secondary sources, and the writing of free response essays. All students are required to take the College Board's examination for this subject. Success on this exam will grant, to the student, credit or advanced placement at many colleges and universities.

Special Education Program

COMMUNITY-BASED

Community-Based Classes

Un-graded Secondary Program

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of this full day program is on the Life Centered Career Education curriculum which includes the following units: Personal-Social Skills, Occupational Guidance Preparation, and Daily Living Skills. A student completes activities that involve transition from high school into various adult living situations consistent with the goals and objectives listed in his/her IEP. This program is based on the Individuals with Disabilities Education Act and is for students who have significant disabilities and will continue their education until age 22. Students will complete AIMS-A.

LEARNING SKILLS

Learning Skills

Grades 9-12

2 Sem

1 Credit

Prerequisite: Student must have a present Individual Education Plan (IEP) in place before enrolling in this course.

The focus of learning skills is on completion of general classroom assignments and transition activities as required in each student's IEP. Transition activities may include but are not limited to the following: self-advocacy skills, development of a course of study, identification of needed inter-agency links, completion of career occupational searches, completion of post secondary school searches, understanding banking procedures, understanding transportation options, understanding voter registration and selective service procedures, and an introduction to types of social/recreation programs in the community. This course may be repeated each year in high school for elective credit. This course is aligned with the transition requirements of the Individuals with Disabilities Education Act.

Math Reasoning

Grades 9

1 or 2 Sem

1/2 or 1 Credit

Prerequisites: Before enrolling in this course, students must have a present Individual Education Plan (IEP) which recommends placement into this course, or have an IEP in place and failed Math 1 with accommodations and/or modifications.

This is a course that, in part, complies with the Arizona Mathematics Standards document mandated and published by the Arizona Department of Education. Students are taught the concepts of pre-algebra and algebra. The student will be required to demonstrate knowledge of these skills and their applications.

Work Experience

Grades 11-12

2 Sem

1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP). Students must be 16 years or older, and have successfully completed at least two years of high school curriculum.

Work Experience introduces students to the world of work and develops programs that involve students in real workplace situations. The student does not have to have a paid job to receive work experience credit. The United States Department of Labor standards are followed. This course can be repeated once for a total of 2 elective credits.

LIFE SKILLS

Level I

LCCE Reading 5-6

Grade 12

2 Sem

1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of LCCE Reading 5-6 is the development of oral and silent reading proficiency. Students are taught to recognize and analyze an author's use of literary elements, identify persuasive techniques, and analyze poetry selections. Students are taught to analyze both fiction and non-fiction. Required Reading: *Of Mice and Men*, *To Kill a Mockingbird*. In conjunction with LCCE Reading 1-2 and 3-4, this course is aligned to the Arizona Academic Standards.

LCCE English 7-8

Grades 12

2 Sem

1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of LCCE English 7-8 is the development of oral and silent reading proficiency. Students are taught vocabulary knowledge, decoding strategies, and comprehensive strategies for both fiction and non-fiction sentences and paragraphs. This course will rely on structured phonics reading program such as the SRA Corrective Reading Series or Wilson Reading Series. This course is aligned to the Arizona Functional Language Arts Standards.

LCCE Math 7-8

Grades 12

2 Sem

1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of LCCE Math 7-8 is the development of pre-algebra skill proficiency. Students are taught the concepts of pre-algebra, basic probability, and graphing. The student will be required to demonstrate knowledge of these skills and their application within and without the field of mathematics. This course is aligned to the Arizona Academic Standards.

LCCE Government/Economics

Grades 12

2 Sem

1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

This course complies with the Arizona Social Studies Standards document mandated and published by the Arizona Department of Education. Students are taught the philosophical foundations of the American political system including the creation of the Constitution and separation of powers. Students will also complete units on money and banking, consumerism, and budgeting.

LCCE Careers

Grades 11-12

2 Sem

1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of LCCE Careers is on the development of work readiness skills for post high school employment. Students complete activities that focus on selecting and planning occupational choices, exhibiting appropriate work habits and behavior, and seeking and securing employment. This course is aligned to the Arizona Workplace Standards and the requirements of the Individuals with Disabilities Education Act transition requirements.

Work Experience

Grades 11-12

2 Sem

1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP). Students must be 16 years or older, and have successfully completed at least two years of high school curriculum.

Work Experience introduces students to the world of work and develops programs that involve students in real work place situations. The student does not have to have a paid job to receive work experience credit. The United States Department of Labor standards are followed. This course can be repeated once for a total of 2 elective credits.

LIFE SKILLS Level II

Life Skills English 1-2 Grades 9-12 2 Sem 1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of Life Skills English 1-2 is the development of oral and silent reading proficiency. Students are taught vocabulary knowledge, decoding strategies, and comprehensive strategies for both fiction and non-fiction sentences and paragraphs. This course will rely on structured phonics reading program such as the SRA Corrective Reading Series or Wilson Reading Series. This course is aligned to the Arizona Functional Language Arts Standards.

Life Skills English 3-4 Grades 9-12 2 Sem 1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of Life Skills English 3-4 is the continued development of oral and silent reading proficiency. Students are taught vocabulary knowledge, decoding strategies, and comprehensive strategies for both fiction and non-fiction sentences and paragraphs. This course will rely on structured phonics reading program such as the SRA Corrective Reading Series or Wilson Reading Series. This course is aligned to the Arizona Functional Language Arts Standards.

Life Skills English 5-6 Grades 9-12 2 Sem 1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of Life Skills English 5-6 is the continued development of oral and silent reading proficiency. Additionally, students will develop writing proficiency. The composition pieces include the resume, cover letter, application form, workplace documents such as memos and letter of complaint. Students also learn to apply correct language conventions in their writing. This course is aligned to the Arizona Functional Language Arts Standards.

Life Skills English 7-8 Grades 9-12 2 Sem 1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of Life Skills English 7-8 is the continued development of oral and silent reading proficiency. Additionally, students will develop writing proficiency. The composition pieces include the resume, cover letter, application form, workplace documents such as memos and letter of complaint. Students also learn to apply correct language conventions in their writing. This course is aligned to the Arizona Functional Language Arts Standards.

Life Skills Math 1-2 Grades 9-12 2 Sem 1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of Life Skills Math 1-2 is the development of basic math proficiency. Students are taught basic addition, subtraction, multiplication, division, fraction and decimal operations. The student will be required to demonstrate knowledge of these skills and their application within and without the field of mathematics. The course is aligned to the Arizona Functional Mathematic Standards.

Life Skills Math 3-4

Grades 9-12

2 Sem

1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of Life Skills Math 3-4 is the development of basic math proficiency. Students are taught addition, subtraction, multiplication, division, fractions, and decimal operations in the context of life skills. The units include: money, traveling, using percent, working with interest, and insurance. The student will be required to demonstrate knowledge of these skills and their application within and without the field of mathematics. This course is aligned to the Arizona Academic Standards.

Life Skills Math 5-6

Grades 9-12

2 Sem

1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of Life Skills Math 5-6 is the development of math skills used in the workplace. Students are taught money management, benefits, expenses, banking, and insurance. The student will be required to demonstrate knowledge of these skills and their application within the field of mathematics. This course is aligned to the Arizona Academic Standards.

Life Skills Math 7-8

Grades 9-12

2 Sem

1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of Life Skills Math 7-8 is the continued development of math skills used in the workplace. Students are taught money management, benefits, expenses, banking, and insurance. The student will be required to demonstrate knowledge of these skills and their application within the field of mathematics. This course is aligned to the Arizona Academic Standards.

Modified Physical Education

Grades 9-12

2 Sem

1 Credit

Prerequisite: Individualized Education Program (IEP) or Physician's directive.

This course requires a doctor's written recommendation or IEP for the student to enroll. The course is designed to provide students who cannot participate in the regular physical education program for an extended period of time, an opportunity to engage in appropriate physical education activities. The course activities will be designed to meet the individual needs of each student. This course may be repeated for credit.

Life Skills Occupational Preparation:

Grade 9-12

2 Sem

2 Credits

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of Occupational Preparation is on prerequisite career development skills. Students will complete activities that focus on work readiness such as effective oral, written and listening communication skills. Students will also complete activities that focus on decision making in school or the workplace. This course is aligned to the Arizona Workplace Standards and the requirements of the Individuals with Disabilities Education Act transition requirements.

Life Skills Careers Grades 11-12 2 Sem 1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of Life Skills Careers is on the development of work readiness skills for post high school employment. Students complete activities that focus on selecting and planning occupational choices, exhibiting appropriate work habits and behavior, and seeking and securing employment. This course is aligned to the Arizona Workplace Standards and the requirements of the Individuals with Disabilities Education Act transition requirements.

Life Skills Computer Technology Grades 9-10 2 Sem 1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

This is a hands-on computer course designed to teach students how to use the computer and software as tools for business, college and personal use. Students are taught skills in:

- word processing
- desktop publishing to combine text and graphics
- Excel and Word programs
- spreadsheet software for analyzing data, problem solving and to create business graphics
- Internet research

Life Skills Field Exploration Grades 11-12 2 Sem 1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP). Student must be presently enrolled in or have completed the Life Skills Careers course.

This course consists of job shadowing experiences for students in the Life Skills program. This course is aligned to the Arizona Workplace Standards and the requirements of the Individuals with Disabilities Education Act transition requirements.

Life Skills Government/Economics Grade 12 2 Sem 1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

This course complies with the Arizona Social Studies Standards document mandated and published by the Arizona Department of Education. Students are taught the philosophical foundations of the American political system including the creation of the Constitution and separation of powers. Students will also complete units on money and banking, consumerism, and budgeting.

Life Skills Independent Living/Science: Grades 11 2 Sem 1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

This course focus is promoting independent living skills for students with disabilities. Throughout the curriculum the functional language arts, math, and workplace standards are taught. The science curriculum focus is on biology and its practical use in daily living.

Life Skills Health/Science Grade 10 2 Sem 1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of Life Skills Health/Science is on promoting healthy independent living skills. Throughout the Health curriculum students are taught how to approach responsible decision making, exercise and physical fitness, nutrition principles, personal care and appearance, mental and emotional health, stress management, the use, misuse, and abuse of drugs and alcohol, and first aid. The science curriculum focus is earth science.

Life Skills Vocational/Transition Grades 10-12 2 Sem 1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP).

The focus of Life Skills Vocational/Transition is on career exploration for post high school employment or post secondary education. Students complete activities that include exploration of career options and work readiness skills. This course is aligned to the Arizona Workplace Standards and the requirements of the Individuals with Disabilities Education Act transition requirements.

Work Experience Grades 11-12 2 Sem 1 Credit

Prerequisites: Self-contained Special Education need as determined by assessment and the student's Individual Education Plan (IEP). Students must be 16 years or older, and have successfully completed at least two years of high school curriculum.

Work Experience introduces students to the world of work and develops programs that involve students in real work place situations. The student does not have to have a paid job to receive work experience credit. The United States Department of Labor standards are followed. This course can be repeated once for a total of 2 elective credits.

Visual Arts

Art 1-2 Grades 9-12 2 Sem 1 Credit

An introductory course designed to meet the needs of the student. Art principles are explained with class units exploring their use. A variety of media is used including pencil, ink, watercolor, and paint. The work includes color theory, perspective, basic design, drawing, and painting.

Art 3-4 Grades 10-12 2 Sem 1 Credit

Prerequisite: Art 1-2

This course provides the student opportunities for in-depth exploration of composition, watercolor, drawing, painting, and graphics.

Advanced Art Grades 10-12 2 Sem 1 Credit

Prerequisites: Art 3-4 with teacher recommendation.

Students increase their skills through experimentation and research into a variety of two-dimensional media in a studio atmosphere. This course may be repeated for credit.

Advanced Placement Drawing Grades 11-12 2 Sem 1 Credit

Prerequisites: Advanced Art with teacher recommendation.

Advanced Placement Drawing is focused on preparation for the College Board's Advanced Placement portfolio exam with emphasis in drawing and painting. The work begun in Advanced Art may be used to prepare a student's portfolio with an emphasis on quality, concentration and breadth.

Photography 1-2 Grades 9-12 2 Sem 1 Credit

Students learn the basics of picture taking, manual exposure control, and making fine enlargements. A strong foundation for further work in photography is obtained by studying techniques such as photo-theory, lighting, display fundamentals and photo-criticism. May include wet lab and/or digital techniques.

Photography 3-4 Grades 10-12 2 Sem 1 Credit

Prerequisite: Photography 1-2

Students will increase their photographic skills through experimentation and research into a variety of advanced applications. May include wet lab and/or digital techniques.

Three-Dimensional Design 1-2 Grades 9-12 2 Sem 1 Credit

This is an introductory course in which students will produce three-dimensional sculptures in a variety of media such as ceramics, woods, metals, and other materials. This course emphasizes the creative use of the elements of art and principles of design.

Three-Dimensional Design 3-4 Grades 10-12 2 Sem 1 Credit

Prerequisite: Three-Dimensional Design 1-2

Students will increase their three-dimensional design skills through experimentation and research into a variety of advanced media applications.

Advanced Three-Dimensional Design Grades 10-12 2 Sem 1 Credit

Prerequisites: Three-Dimensional Design 3-4 with teacher recommendation.

Students increase their skills through experimentation and research into a variety of three-dimensional media in a studio atmosphere. Knowledge and skills attained may lead to the opportunity, with instructor approval, to prepare for the College Board's Advanced Placement Program. This course may be repeated for credit.

Advanced Placement Three-Dimensional Design Grades 11-12 2 Sem 1 Credit

Prerequisites: Advanced Three-Dimensional Design with teacher recommendation.

Advanced Placement Three-Dimensional Design is focused on preparation for the College Board's advanced Placement portfolio exam with emphasis in sculpture and ceramics. The work begun in Advanced Three-Dimensional Design may be used to prepare a student's portfolio with an emphasis on quality, concentration and breadth.