



Adv Jewelry Grades: 09 - 12 AR 58 Advanced Jewelry Difficulty: Average-High 1 Sem. — 1/2 Fine Arts/Elective Credit Prerequisites: AR 54 & 56 Continuation of processes learned in AR 54 and 56. For the serious student to gain proficiency or pursue a personally planned outline of activity. NOTE: Course fee required.	AR58	Beginning Ceramics Grades: 09 - 12 AR 41 Beginning Ceramics Difficulty: Average 1 Sem. — 1/2 Fine Arts/Elective Credit For those desiring to understand ceramic techniques, procedures, and principles, both potter's wheel and hand building. Emphasis on three-dimensional design. NOTE: Course fee required.	AR41
Advanced Ceramics Grades: 09 - 12 AR 45 Advanced Ceramics Difficulty: Average-High 1 Sem. — 1/2 Fine Arts/Elective Credit Prerequisites: AR 43 Extends improvement of hand-built and wheel throwing skills. Includes glaze formulation and advanced clay experiences such as Raku. Provides independent study in advanced work or interest areas. Course may be repeated by teacher approval. NOTE: Course fee required.	AR45	Beginning Drawing Grades: 09 - 12 AR 63 Beginning Drawing Difficulty: Average 1 Sem. — 1/2 Fine Arts/Elective Credit Learn to manipulate form, line and texture in pencil and ink. Realistic approaches made in drawing figures, landscapes, portraits and still life. NOTE: Course fee required.	AR63
Advanced Drawing Grades: 09 - 12 AR 66 Advanced Drawing Difficulty: Average-High 1 Sem. — 1/2 Fine Arts/Elective Credit Prerequisites: Satisfactory AR 63, AR 64 Emphasis on developing style and reflecting that style in various drawing processes. NOTE: Course fee required.	AR66	Beginning Jewelry Grades: 09 - 12 AR 54 Beginning Jewelry Difficulty: Average 1 Sem. — 1/2 Fine Arts/Elective Credit Construct jewelry using the sheet method with copper, silver, and nickel silver. Includes use and care of hand tools and soldering equipment. Creativity in design is stressed. NOTE: Course fee required.	AR54
Advanced Painting Grades: 09 - 12 AR 62 Advanced Painting Difficulty: Average-High 1 - 2 Sem. — 1/2 -1 Fine Arts/Elective Credit Prerequisites: AR 61 Work on individual basis with teacher developing skills and techniques on an advanced level, beginners and advanced students in the same class. NOTE: Course fee required.	AR62	Beginning Painting Grades: 09 - 12 AR 60 Beginning Painting Difficulty: Average 1 - 2 Sem. — 1/2 - 1 Fine Arts/Elective Credit Prerequisites: AR 63 Required or Instructor Approval Water color and acrylic paints. Emphasis on basic techniques and composition. Paint abstract and realistic still life figures and landscapes. A variety of painting media is used. Previous drawing class strongly recommended. NOTE: Course fee required.	AR60
AP Studio Art Grades: 10 - 12 AR 80 AP Studio Art A variety of painting media is used. Difficulty: Average-High 2 Sem. — 1 Fine Arts/Elective Credit Prerequisites: At least 2 semesters (can be concurrent enrollment) in advanced art classes. Offers the highly skilled junior or senior art student guidelines and instructions in the production and presentation of a portfolio for occupational or higher educational placement. Students will specialize in one of three portfolio options: 2-D, 3-D, or Drawing/Painting. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: Course fee required. NOTE: This is a weighted course.	AR801W	Intermediate Ceramics Grades: 09 - 12 AR 43 Intermediate Ceramics Difficulty: Average 1 Sem. — 1/2 Fine Arts/Elective Credit Prerequisites: AR 41 Beginning of product orientation with some emphasis on quantity and quality of work. Glaze formulation, Raku firing and finishing, producing ceramic objects all term. NOTE: Course fee required.	AR43
AP Studio Art Grades: 10 - 12 AR 80 AP Studio Art A variety of painting media is used. Difficulty: Average-High 2 Sem. — 1 Fine Arts/Elective Credit Prerequisites: At least 2 semesters (can be concurrent enrollment) in advanced art classes. Offers the highly skilled junior or senior art student guidelines and instructions in the production and presentation of a portfolio for occupational or higher educational placement. Students will specialize in one of three portfolio options: 2-D, 3-D, or Drawing/Painting. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: Course fee required. NOTE: This is a weighted course.	AR802W	Intermediate Drawing Grades: 09 - 12 AR 64 Intermediate Drawing Difficulty: Average 1 Sem. — 1/2 Fine Arts/Elective Credit Prerequisites: AR 63 A more comprehensive understanding, appreciation and exploration of drawing. Develop skills, knowledge, and techniques using various media. NOTE: Course fee required.	AR64
		Intermediate Jewelry Grades: 09 - 12 AR 56 Intermediate Jewelry Difficulty: Average 1 Sem. — 1/2 Fine Arts/Elective Credit Prerequisites: AR 54 Lost-wax casting method of jewelry making, set stones, and work with various kinds of waxes to produce the model for casting jewelry. Emphasis on design quality and aesthetic attitude determined by application of principles of design. NOTE: Course fee required.	AR56



Intermediate Painting

Grades: 09 - 12

AR 61 Intermediate Painting

Difficulty: Average 1 Sem. – 1/2 Fine Arts/Elective Credit

Prerequisites: AR 60

A more comprehensive understanding, appreciation, and explanation of painting. Develop skills, knowledge and techniques using various painting media. NOTE: Course fee required.

AR61

CTE-Advanced Cabinetmaking Technolog

Grades: 10 - 12

Course Title Changed beginning with the 15-16 school year

Second Semester of:

IT 62 Advanced Cabinetmaking Technology

Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit

Prerequisites: IT 61

Designed for the intermediate technology student. Students work on products that require multiple materials and processes. Emphasis is placed on ability to construct to specifications of a plan in terms of fit, tolerance, and appearance. Instruction includes use of fixtures and templates for exact replication. Safety is stressed as in IT 61 above. Students apply academics in problem-solving daily. Approximately 20% class and 80% lab. NOTE: Course fee required.

IT622

Business Leadership, Technology & Man

Grades: 10 - 12

New course beginning 17-18 school year

CB 61 Business Leadership, Technology, Management

2 sem. – 1 Practical Arts/Elective Credit

This course is for students with continued interest in business leadership

and technology. Students will continue to build advanced skills in Microsoft Office Suite and work towards a professional certification. Students

will refine communication skills, increase leadership qualities, and experience hands-on situations through virtual business simulations.

Units on personal finance, e-commerce and social media will give students

a competitive advantage in the business world. Opportunities will be available for students to excel in their leadership skills through FBLA,

a Career and Technical Student Organization to travel and compete.

CB612

CTE-Advanced Computer Aided Design

Grades: 09 - 12

Beginning 17-18 course description and title changed

IT 32 Advanced Computer Aided Design

Difficulty: Average-High 2 Sem. – 1 Practical Arts/Elective Credit

Prerequisites: IT 31

This course provides an in depth study of architectural and mechanical design. Through a continuous sequence of design projects, students will learn to develop a set of principles that inform/dictate the production of architectural and mechanical products. These principles will be used to clarify the interrelationship of geometry, form, function and composition, thus defining a systematic strategy for architectural and engineering solutions. NOTE: Course fee required.

IT321

Business Leadership, Technology & Man

Grades: 10 - 12

New course beginning 17-18 school year

CB 61 Business Leadership, Technology, Management

2 sem. – 1 Practical Arts/Elective Credit

This course is for students with continued interest in business leadership

and technology. Students will continue to build advanced skills in Microsoft Office Suite and work towards a professional certification. Students

will refine communication skills, increase leadership qualities, and experience hands-on situations through virtual business simulations.

Units on personal finance, e-commerce and social media will give students

a competitive advantage in the business world. Opportunities will be available for students to excel in their leadership skills through FBLA,

a Career and Technical Student Organization to travel and compete.

CB611

CTE-Advanced Computer Aided Design

Grades: 09 - 12

Beginning 17-18 course description and title changed

IT 32 Advanced Computer Aided Design

Difficulty: Average-High 2 Sem. – 1 Practical Arts/Elective Credit

Prerequisites: IT 31

This course provides an in depth study of architectural and mechanical design. Through a continuous sequence of design projects, students will learn to develop a set of principles that inform/dictate the production of architectural and mechanical products. These principles will be used to clarify the interrelationship of geometry, form, function and composition, thus defining a systematic strategy for architectural and engineering solutions. NOTE: Course fee required.

IT322

CTE-Advanced Cabinetmaking Technolgi

Grades: 10 - 12

Course Title Changed beginning with the 15-16 school year

First Semester of:

IT 62 Advanced Cabinetmaking Technology

Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit

Prerequisites: IT 61

Designed for the intermediate technology student. Students work on products that require multiple materials and processes. Emphasis is placed on ability to construct to specifications of a plan in terms of fit, tolerance, and appearance. Instruction includes use of fixtures and templates for exact replication. Safety is stressed as in IT 61 above. Students apply academics in problem-solving daily. Approximately 20% class and 80% lab. NOTE: Course fee required.

IT621

CTE-Advanced Computer Maintenance

Grades: 10 - 12

New course beginning with the 16-17 school year

CB51 Advanced Computer Maintenance

Difficulty: Average-High 2 Semester- 1 Practical Arts/Elective

Prerequisite: CB50

CB511

Students will apply skills learned from CB50 Computer Maintenance and Repair to install, support, maintain, and upgrade computer/electronic devices. Students will work with Information Systems staff to support local technologies on their home campus. This will include, but not limited to, locating, quarantining, and removing specific viruses, diagnosing hardware problems, supporting printer installations and repairs, and troubleshooting technology issues. Upon successful completion of this course, students will be prepared to pass the COMPTia A+ Certification. Students will also be refurbishing computers as a part of the Arizona StRUT (Students Refurbishing Used Technology) program.



CTE-Advanced Computer Maintenance Grades: 10 - 12 New course beginning with the 16-17 school year CB51 Advanced Computer Maintenance Difficulty: Average-High 2 Semester- 1 Practical Arts/Elective Prerequisite: CB50 Students will apply skills learned from CB50 Computer Maintenance and Repair to install, support, maintain, and upgrade computer/electronic devices. Students will work with Information Systems staff to support local technologies on their home campus. This will include, but not limited to, locating, quarantining, and removing specific viruses, diagnosing hardware problems, supporting printer installations and repairs, and troubleshooting technology issues. Upon successful completion of this course, students will be prepared to pass the COMPTia A+ Certification. Students will also be refurbishing computers as a part of the Arizona StRUT (Students Refurbishing Used Technology) program.	CB512	CTE-Advanced Digital Publication Studio Grades: 10 - 12 Course Title Change beginning with the 16-17 school year- Advanced Digital Publications New Course beginning with the 15-16 school year GV32 Advanced Digital Publication Studio Difficulty: Average 2 Sem. - 1 Practical Arts/Elective Credit Prerequisite: GV31 This innovative course, which incorporates an interactive learning approach, is designed to advance skills in communication, management, writing, design, photography and marketing. Students will have the opportunity to record history, gain in-depth experience in the production of a professional publication (yearbook), run a business with state of the art technology, strengthen their analytical and problem solving skills and improve communication skills appropriate for college and careers. Students will be responsible for every aspect of the production of the yearbook, which include participating in leadership roles, selling advertisements, planning, writing articles, editing, photography and designing pages.	GV322
CTE-Advanced Culinary Arts Grades: 10 - 12 First Semester of: FS 45 Advanced Culinary Arts Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit Prerequisites: FS 41 This course encompasses a full culinary food service experience. Focus is on menu development, food preparation, service, and running a simulated business. Job shadowing or internships may be a part of the program. NOTE: Course fee required.	FS451	CTE-Advanced Video Production Grades: 10 - 11 GV 22 Advanced Video Production Difficulty: Avg-High 2 Sem - 1 Practical Arts/Elective Credit Prerequisite: GV 21 Students will develop a portfolio and participate in community projects using leadership skills. Students will focus on advanced camera operation, lighting and editing, as well as honing storytelling skills with enhanced video production. NOTE: Course fee required.	GV221
CTE-Advanced Culinary Arts Grades: 10 - 12 Second Semester of: FS 45 Advanced Culinary Arts Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit Prerequisites: FS 41 This course encompasses a full culinary food service experience. Focus is on menu development, food preparation, service, and running a simulated business. Job shadowing or internships may be a part of the program. NOTE: Course fee required.	FS452	CTE-Advanced Video Production Grades: 10 - 12 GV 22 Advanced Video Production Difficulty: Avg-High 2 Sem - 1 Practical Arts/Elective Credit Prerequisite: GV 21 Students will develop a portfolio and participate in community projects using leadership skills. Students will focus on advanced camera operation, lighting and editing, as well as honing storytelling skills with enhanced video production. NOTE: Course fee required.	GV222
CTE-Advanced Digital Publication Studio Grades: 10 - 12 Course Title Change beginning with the 16-17 school year- Advanced Digital Publications New Course beginning with the 15-16 school year GV32 Advanced Digital Publication Studio Difficulty: Average 2 Sem. - 1 Practical Arts/Elective Credit Prerequisite: GV31 This innovative course, which incorporates an interactive learning approach, is designed to advance skills in communication, management, writing, design, photography and marketing. Students will have the opportunity to record history, gain in-depth experience in the production of a professional publication (yearbook), run a business with state of the art technology, strengthen their analytical and problem solving skills and improve communication skills appropriate for college and careers. Students will be responsible for every aspect of the production of the yearbook, which include participating in leadership roles, selling advertisements, planning, writing articles, editing, photography and designing pages. GV32 Advanced Digital Publication Studio	GV321	CTE-Advanced Welding Grades: 11 - 12 First Semester of: IT 74 Advanced Welding Difficulty: High 2 Sem. – Practical Arts/Elective Credit Prerequisites: IT 73 This advanced course is designed to lead the student to some of the many certifications that are available in the welding industry. Some of the certifications available to the student are Shielded Metal Arc Welding, Gas Tungsten Arc Welding and Gas Metal Arc Welding Certification. All Certifications are through Western Technologies. NOTE: Course fee required.	IT741
		CTE-Advanced Welding Grades: 11 - 12 Second Semester of: IT 74 Advanced Welding Difficulty: High 2 Sem. – Practical Arts/Elective Credit Prerequisites: IT 73 This advanced course is designed to lead the student to some of the many certifications that are available in the welding industry. Some of the certifications available to the student are Shielded Metal Arc Welding, Gas Tungsten Arc Welding and Gas Metal Arc Welding Certification. All Certifications are through Western Technologies. NOTE: Course fee required.	IT742



CTE-AP Computer Science A

CB401W

Grades: 09 - 12

Course Description change beginning with the 15-16 school year
CB 40 AP Computer Science A
Difficulty: High 2 Sem. – 1 Practical Arts/Elective Credit
.50 credit each semester = 1.0 YR

AP Computer Science A emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent of a firstsemester college-level course in computer science. It is designed to serve as a first course in computer science for students with no prior computing experience. Students will take an AP exam in May. See your school counselor if you have a financial hardship.
Note: This is a weighted course.

CTE-AP Computer Science A

CB402W

Grades: 09 - 12

Course Description change beginning with the 15-16 school year
CB 40 AP Computer Science A
Difficulty: High 2 Sem. – 1 Practical Arts/Elective Credit
.50 credit each semester = 1.0 YR

AP Computer Science A emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent of a firstsemester college-level course in computer science. It is designed to serve as a first course in computer science for students with no prior computing experience. Students will take an AP exam in May. See your school counselor if you have a financial hardship.
Note: This is a weighted course.

CTE-AP Computer Science Principles

CB391W

Grades: 10 - 12

New course beginning with the 16-17 school year

CB39 AP Computer Science Principles
Difficulty: Average-High 2 Semesters- 1 Practical Arts/Elective
Prerequisite: CB30 Highly Recommended

AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications. AP Computer Science Principles prepares student for college and career. Students will take an AP exam in May. See your school Student Advisor if you have a financial hardship. NOTE: This is a weighted course.

CTE-AP Computer Science Principles

CB392W

Grades: 10 - 12

New course beginning with the 16-17 school year

CB39 AP Computer Science Principles
Difficulty: Average-High 2 Semesters- 1 Practical Arts/Elective
Prerequisite: CB30 Highly Recommended

AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications. AP Computer Science Principles prepares student for college and career. Students will take an AP exam in May. See your school Student Advisor if you have a financial hardship. NOTE: This is a weighted course.

CTE-Athletic Training

HE931

Grades: 10 - 12

New district program beginning 16-17 school year
HE931 Athletic Training
Difficulty: Average - High 2 Sem. 1 Elective Credit
Prerequisite: HE92
Semester 1

This course offers instructions and practical application in the skills and techniques necessary for the prevention and care of athletic injuries. Field experience will be required as students work with athletes as they learn the role and function of athletic training. Students may be required to work after school, weekends and will be supervised by the school's athletic trainer

CTE-Athletic Training

HE932

Grades: 10 - 12

New district program beginning 16-17 school year
HE932 Athletic Training
Difficulty: Average - High 2 Sem. 1 Elective Credit
Prerequisite: HE92
Semester 2

This course offers instructions and practical application in the skills and techniques necessary for the prevention and care of athletic injuries. Field experience will be required as students work with athletes as they learn the role and function of athletic training. Students may be required to work after school, weekends and will be supervised by the school's athletic trainer

CTE-Automotives Systems and Repair

IT921

Grades: 09 - 12

First Semester of:
IT 92 Automotive Systems and Repair
Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit
This course will provide students with hands-on experience in automotive systems, maintenance and repair. Topics will focus on various systems of the automobile which include preventive maintenance, tires, electrical/electronic systems, tune-ups, brakes, and engine operations. Safety will be emphasized. NOTE: Course fee required.

CTE-Automotives Systems and Repair

IT922

Grades: 09 - 12

Second Semester of:
IT 92 Automotive Systems and Repair
Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit
This course will provide students with hands-on experience in automotive systems, maintenance and repair. Topics will focus on various systems of the automobile which include preventive maintenance, tires, electrical/electronic systems, tune-ups, brakes, and engine operations. Safety will be emphasized. NOTE: Course fee required.

CTE-Cabinetmaking Technologies

IT611

Grades: 09 - 12

Course Title Change beginning with 15-16 school year-
First Semester of:

IT 61 Cabinetmaking Technology
Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit
Students will use machines and processes basic to carpentry and cabinetmaking to construct and finish a core project(s). Safety in general shop procedures, hand tools and power machinery will be stressed. Basic academics and problem-solving skills will be used daily. Approximately 20% classroom and 80% lab. NOTE: Course fee required.

Was Woodworking Technology



CTE-Cabinetmaking Technologies

Grades: 09 - 12

Course Title Changed beginning with the 15-16 school year
Second Semester of:

IT 61 Cabinetmaking Technology

Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit

Students will use machines and processes basic to carpentry and cabinetmaking to construct and finish a core project(s). Safety in general shop procedures, hand tools and power machinery will be stressed. Basic academics and problem-solving skills will be used daily. Approximately 20% classroom and 80% lab. NOTE: Course fee required.

Was Woodworking Technology

CTE-Catering & Special Events Managem

FS471

Grades: 10 - 12

New Course Beginning with the 16-17 School Year

FS471 Catering & Special Events Management

Difficulty: Average - High 2 Semesters: 1 Practical Arts/Elective

Prerequisite: FS45

The catering and special events industries are among the fastest-growing segments within the hospitality industry. This course focuses on catering school and business events. Topics include organizational structure, legal aspects of catering and special events management, product and service development, marketing and sales, catered function and special event planning and execution. Students will be required to attend evening and weekend events.

CTE-Catering & Special Events Managem

FS472

Grades: 10 - 12

New Course Beginning with the 16-17 School Year

FS472 Catering & Special Events Management

Difficulty: Average - High 2 Semesters: 1 Practical Arts/Elective

Prerequisite: FS45

The catering and special events industries are among the fastest-growing segments within the hospitality industry. This course focuses on catering school and business events. Topics include organizational structure, legal aspects of catering and special events management, product and service development, marketing and sales, catered function and special event planning and execution. Students will be required to attend evening and weekend events.

CTE-Computer Aided Design Special Proj

IT331

Grades: 10 - 12

Beginning 17-18 course description and title changed

IT 33 Computer Aided Design Special Projects

Difficulty: Average-High 2 Sem. – 1 Practical Arts/Elective Credit

Prerequisites: IT 32

Computer Aided Design Special Projects is the capstone for the Computer

Aided Design Program of Study. Students will pursue industry certifications in design oriented professions which include architecture and engineering. Students will also have the opportunity to work on a substantial design project that will become part of their portfolio for post-secondary school applications. NOTE: Course fee required.

CTE-Computer Aided Design Special Proj

IT332

Grades: 10 - 12

Beginning 17-18 course description and title changed

IT 33 Computer Aided Design Special Projects

Difficulty: Average-High 2 Sem. – 1 Practical Arts/Elective Credit

Prerequisites: IT 32

Computer Aided Design Special Projects is the capstone for the Computer

Aided Design Program of Study. Students will pursue industry certifications in design oriented professions which include architecture and engineering. Students will also have the opportunity to work on a substantial design project that will become part of their portfolio for post-secondary school applications. NOTE: Course fee required.

CTE-Computer Maintenance and Repair

CB501

Grades: 10 - 12

Course description changed beginning 14-15 school year

1st Semester of

CB 50 Computer Maintenance and Repair

Difficulty: Average-High 2 Sem. – 1 Practical Arts/Elective Credit

Students will learn hands-on technical aspects of the microcomputer, including system setup (hardware and software) and troubleshooting with use of tools, hardware components and hardware/software interfacing. Install, configure, upgrade, optimize and perform preventive maintenance with respect to security using appropriate tools, diagnostic procedures and troubleshooting techniques. Students will be refurbishing computers to be donated to non-profit organizations through Arizona StRUT (Students Refurbishing Used Technology). Course helps students prepare for the CompTIA A+ technician examinations including Information Technology (IT) field technician. Computer experience highly recommended.

CTE-Computer Maintenance and Repair

CB502

Grades: 10 - 12

Course description changed beginning 14-15 school year

2nd Semester of:

CB 50 Computer Maintenance and Repair

Difficulty: Average-High 2 Sem. – 1 Practical Arts/Elective Credit

Students will learn hands-on technical aspects of the microcomputer, including system setup (hardware and software) and troubleshooting with use of tools, hardware components and hardware/software interfacing. Install, configure, upgrade, optimize and perform preventive maintenance with respect to security using appropriate tools, diagnostic procedures and troubleshooting techniques. Students will be refurbishing computers to be donated to non-profit organizations through Arizona StRUT (Students Refurbishing Used Technology). Course helps students prepare for the CompTIA A+ technician examinations including Information Technology (IT) field technician. Computer experience highly recommended.

CTE-Culinary Arts

FS411

Grades: 09 - 12

First Semester of:

FS 41 Culinary Arts

Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit

This course is designed for students interested in developing skills in Culinary Arts. Emphasis is placed on nutrition, proper equipment use, knife skills, safety, sanitation, and presentation. Foods prepared will include baked goods, soups, salads, appetizers, sandwiches and garnishes. Exploration of culinary careers is also included. NOTE: Course fee required.

CTE-Culinary Arts

FS412

Grades: 09 - 12

Second Semester of:

FS 41 Culinary Arts

Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit

This course is designed for students interested in developing skills in Culinary Arts. Emphasis is placed on nutrition, proper equipment use, knife skills, safety, sanitation, and presentation. Foods prepared will include baked goods, soups, salads, appetizers, sandwiches and garnishes. Exploration of culinary careers is also included. NOTE: Course fee required.



CTE-Digital Photography Grades: 09 - 12 1st Semester of: AR 22 Digital Photo Difficulty: Average 2 Sem. - 1 Practical Arts/Elective Credit Prerequisite: AR 21 Digital Photo Studio This course addresses technical and conceptual concepts in relation to historic and contemporary photography. Students will refine their craft with further study of composition and design, a variety of lighting techniques, use of a digital SLR camera, digital solutions and software applications. Students will both prepare for the professional field of photography, develop an extensive electronic and traditional portfolio that will prepare them for a career or post secondary education. A digital SLR is highly recommended. NOTE: Course fee required.	AR221	CTE-Digital Publications Grades: 09 - 12 Course Title Change beginning with the 16-17 school year- change to Digital Publications First Semester of: GV 31 - Digital Publication Studio 2 Sem. — 1 Elective English/Practical Arts/Elective Credit Prerequisite: GV 30 recommended Students will produce the school yearbook while being engaged in all areas of publication production. Units of study include teamwork, creative problem solving, reporting, writing, photography, typography, design, finances, marketing and distribution. Students will utilize industry design software, including Adobe products, in the actual production of the yearbook. Additional projects support the program and expand students' digital studio skills. NOTE: Course fee required.	GV311
CTE-Digital Photography Grades: 09 - 12 2nd Semester of: AR 22 Digital Photo Difficulty: Average 2 Sem. - 1 Practical Arts/Elective Credit Prerequisite: AR 21 Digital Photo Studio This course addresses technical and conceptual concepts in relation to historic and contemporary photography. Students will refine their craft with further study of composition and design, a variety of lighting techniques, use of a digital SLR camera, digital solutions and software applications. Students will both prepare for the professional field of photography, develop an extensive electronic and traditional portfolio that will prepare them for a career or post secondary education. A digital SLR is highly recommended. NOTE: Course fee required.	AR222	CTE-Digital Publications Grades: 09 - 12 Course Title Change beginning with the 16-17 school year- change to Digital Publications Second Semester of: GV 31 - Digital Publication Studio 2 Sem. — 1 Elective English/Practical Arts/Elective Credit Prerequisite: GV 30 recommended Students will produce the school yearbook while being engaged in all areas of publication production. Units of study include teamwork, creative problem solving, reporting, writing, photography, typography, design, finances, marketing and distribution. Students will utilize industry design software, including Adobe products, in the actual production of the yearbook. Additional projects support the program and expand students' digital studio skills. NOTE: Course fee required.	GV312
CTE-Digital Photography III Grades: 10 - 12 New Course Beginning 16-17 school year AR231 Digital Photo III 2 Sem. 1 Practical Arts/Elective Credit Difficulty: Average-High Prerequisite: AR22 Semester 1 Exploration of advanced techniques will be covered in AR23. Students will develop a portfolio and participate in community projects to prepare students for careers in photography-related fields. Students will refine both their technical and aesthetic skills, as well as refine their efficiency during the post-production/processing phase. At the end of this course, students should be able to plan, create, process, pitch and market a photo job that meets and exceeds industry standards.	AR231	CTE-Early Childhood Professions Grades: 09 - 12 FS 52 Early Childhood Professions Difficulty: Average 2 Sem. — 1 Practical Arts/Elective Credit This course focuses on the education profession of preschool through third grade. Students will have the opportunity to develop age appropriate curriculum and environments for children birth to age eight. Students examine a teacher's role in supporting child development and fostering the joy of learning for all young children by using observation strategies and emphasizing the essential role of play. Students will have hands on experiences and will work with preschool children enrolled at their home campus KinderU program.	FS521
CTE-Digital Photography III Grades: 10 - 12 New Course Beginning 16-17 school year AR232 Digital Photo III 2 Sem. 1 Practical Arts/Elective Credit Difficulty: Average-High Prerequisite: AR22 Semester 2 Exploration of advanced techniques will be covered in AR23. Students will develop a portfolio and participate in community projects to prepare students for careers in photography-related fields. Students will refine both their technical and aesthetic skills, as well as refine their efficiency during the post-production/processing phase. At the end of this course, students should be able to plan, create, process, pitch and market a photo job that meets and exceeds industry standards.	AR232	CTE-Early Childhood Professions Grades: 09 - 12 FS 52 Early Childhood Professions Difficulty: Average 2 Sem. — 1 Practical Arts/Elective Credit This course focuses on the education profession of preschool through third grade. Students will have the opportunity to develop age appropriate curriculum and environments for children birth to age eight. Students examine a teacher's role in supporting child development and fostering the joy of learning for all young children by using observation strategies and emphasizing the essential role of play. Students will have hands on experiences and will work with preschool children enrolled at their home campus KinderU program.	FS522



CTE-Exploring Computer Coding and App CB301 Grades: 09 - 12

CB 30 Exploring Computer Coding and App Development
Difficulty: Average 2 Sem – 1 Practical Arts/Elective Credit
This course uses technology to teach innovative, hands-on, team based, problem solving skills while developing programming and application knowledge. Students will explore real world computing problems that address social and ethical issues while delivering foundational computer science knowledge. Students will be introduced to: human computer interaction, problem solving, web design, programming, data analysis, and robotics. Students will engage in several in-depth projects to demonstrate the real-world applications of computing. Successful completion of this course prepares students for AP Computer Science coursework.

CTE-Exploring Computer Coding and App CB302 Grades: 09 - 12

CB 30 Exploring Computer Coding and App Development
Difficulty: Average 2 Sem – 1 Practical Arts/Elective Credit
This course uses technology to teach innovative, hands-on, team based, problem solving skills while developing programming and application knowledge. Students will explore real world computing problems that address social and ethical issues while delivering foundational computer science knowledge. Students will be introduced to: human computer interaction, problem solving, web design, programming, data analysis, and robotics. Students will engage in several in-depth projects to demonstrate the real-world applications of computing. Successful completion of this course prepares students for AP Computer Science coursework.

CTE-Intro to Computer Aided Design IT311 Grades: 09 - 12

Beginning 17-18 course description and title changed
IT 31 Intro to Computer Aided Design
Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit
Develops drafting skills and knowledge by extensive practice using current technologies and drafting tools to solve design problems. Specific drafting areas studied include single-view drawing, multi-view drawing, auxiliary views, sections, surface development and three-dimensional drafting. All are necessary for engineering and architectural study. Computer Aided Design (AutoCAD) is used in this class. NOTE: Course fee required.

CTE-Intro to Computer Aided Design IT312 Grades: 09 - 12

Beginning 17-18 course description and title changed
IT 31 Intro to Computer Aided Design
Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit
Develops drafting skills and knowledge by extensive practice using current technologies and drafting tools to solve design problems. Specific drafting areas studied include single-view drawing, multi-view drawing, auxiliary views, sections, surface development and three-dimensional drafting. All are necessary for engineering and architectural study. Computer Aided Design (AutoCAD) is used in this class. NOTE: Course fee required.

CTE-Intro to Digital Photo AR211 Grades: 09 - 12

First Semester of:
AR 21 Intro to Digital Photo
2 Sem – 1 Practical/Fine Arts/Elective Credit
This course addresses technical and conceptual concepts in relation to historic and contemporary photography. Students experiment with a variety of lighting techniques, parts and use of a digital SLR camera, digital solutions, and conceptual approaches in order to create visually compelling photographs. Students learn how to transfer skills into a career in professional photography. Students will develop an electronic and traditional portfolio. A digital SLR is highly recommended. NOTE: Course fee required.

CTE-Intro to Digital Photo AR212 Grades: 09 - 12

Second Semester of:
AR 21 Intro to Digital Photo
2 Sem – 1 Practical/Fine Arts/Elective Credit
This course addresses technical and conceptual concepts in relation to historic and contemporary photography. Students experiment with a variety of lighting techniques, parts and use of a digital SLR camera, digital solutions, and conceptual approaches in order to create visually compelling photographs. Students learn how to transfer skills into a career in professional photography. Students will develop an electronic and traditional portfolio. A digital SLR is highly recommended. NOTE: Course fee required.

CTE-Intro to Digital Publications GV301 Grades: 09 - 12

Course Title Change beginning 16-17 school year- change to Intro to Digital Publications

First Semester of:
GV 30 Intro to Digital Studio
Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit
This introductory course to the MPS Digital Studio Program provides students with opportunities to use digital cameras and Adobe design software to communicate their ideas to the world. By using Photoshop, InDesign, and Illustrator, students combine creative talent with technical skills to produce a digital portfolio for the ever changing design industry. This course prepares students for advance study in Digital Photo Studio, Digital Illustration Studio and Digital Publication Studio. NOTE: Course fee required.

CTE-Intro to Digital Publications GV302 Grades: 09 - 12

Course Title Change beginning 16-17 school year- change to Intro to Digital Publications

Second Semester of:
GV 30 Intro to Digital Studio
Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit
This introductory course to the MPS Digital Studio Program provides students with opportunities to use digital cameras and Adobe design software to communicate their ideas to the world. By using Photoshop, InDesign, and Illustrator, students combine creative talent with technical skills to produce a digital portfolio for the ever changing design industry. This course prepares students for advance study in Digital Photo Studio, Digital Illustration Studio and Digital Publication Studio. NOTE: Course fee required.



CTE-Intro to Video Production Grades: 09 - 12 Beginning 17-18 course title change to Intro to Video Production 2 Sem. – 1 Practical Arts/Elective Credit This course will give students hands-on learning experiences in producing digital videos, TV broadcasts, and movies. This course will teach students how to produce, shoot, and edit a variety of digital video projects. Students will also learn the basic principles of media literacy, deconstructing commercials, and study television and movie history. Opportunities will be given to students through SkillsUSA, which include leadership development, field trips, travel, and competition. NOTE: Course fee required.	GV201	CTE-Marketing I Grades: 09 - 12 Second Semester of: BE 52 Marketing I Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit In today's marketplace, students need to be prepared to sell themselves and their skills. Marketing I will introduce students to the most exciting areas of marketing, such as sports and entertainment, e-commerce, fashion and merchandising, and travel and tourism. Students will learn employability skills as applied to the marketing field. Students enrolling in the course are strongly encouraged to join DECA, which is the career and technical student organization associated with the Marketing program. Opportunities available though DECA include leadership development, field trips, travel, and competition.	BE522
CTE-Intro to Video Production Grades: 09 - 12 Beginning 17-18 course title change to Intro to Video Production GV 20 - Video, TV and Movie Production 2 Sem. – 1 Practical Arts/Elective Credit This course will give students hands-on learning experiences in producing digital videos, TV broadcasts, and movies. This course will teach students how to produce, shoot, and edit a variety of digital video projects. Students will also learn the basic principles of media literacy, deconstructing commercials, and study television and movie history. Opportunities will be given to students through SkillsUSA, which include leadership development, field trips, travel, and competition. NOTE: Course fee required.	GV202	CTE-Marketing II Grades: 10 - 12 First Semester of: BE 53 Marketing II Difficulty: Average 2 Sem. – 1/2 Practical Arts/1/2 Economics/Elective Credit Prerequisite: BE 52 Students will focus on the professional sales and marketing field and become better prepared to compete in a global business economy. The class will focus on the many facets of business and marketing including consumer behavior, legal and ethical issues, management, employability skills, leadership, and opportunities in marketing-related careers. Students enrolling in the course are strongly encouraged to join DECA, which is the career and technical student organization associated with the Marketing program. Opportunities available though DECA include leadership development, field trips, travel, and competition.	BE531
CTE-Introduction to Engineering Design Grades: 09 - 12 First Semester of: IT 41 Introduction to Engineering Design Difficulty: Average-High 2 Sem. – 1 Practical Arts/Elective Credit A course that teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer design software. NOTE: Course fee required.	IT411	CTE-Marketing II Grades: 10 - 12 Second Semester of: BE 53 Marketing II Difficulty: Average 2 Sem. – 1/2 Practical Arts/1/2 Economics/Elective Credit Prerequisite: BE 52 Students will focus on the professional sales and marketing field and become better prepared to compete in a global business economy. The class will focus on the many facets of business and marketing including consumer behavior, legal and ethical issues, management, employability skills, leadership, and opportunities in marketing-related careers. Students enrolling in the course are strongly encouraged to join DECA, which is the career and technical student organization associated with the Marketing program. Opportunities available though DECA include leadership development, field trips, travel, and competition.	BE532
CTE-Introduction to Engineering Design Grades: 09 - 12 Second Semester of: IT 41 Introduction to Engineering Design Difficulty: Average-High 2 Sem. – 1 Practical Arts/Elective Credit A course that teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer design software. NOTE: Course fee required.	IT412	CTE-Marketing II Grades: 10 - 12 Second Semester of: BE 53 Marketing II Difficulty: Average 2 Sem. – 1/2 Practical Arts/1/2 Economics/Elective Credit Prerequisite: BE 52 Students will focus on the professional sales and marketing field and become better prepared to compete in a global business economy. The class will focus on the many facets of business and marketing including consumer behavior, legal and ethical issues, management, employability skills, leadership, and opportunities in marketing-related careers. Students enrolling in the course are strongly encouraged to join DECA, which is the career and technical student organization associated with the Marketing program. Opportunities available though DECA include leadership development, field trips, travel, and competition.	BE532
CTE-Marketing I Grades: 09 - 12 First Semester of: BE 52 Marketing I Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit In today's marketplace, students need to be prepared to sell themselves and their skills. Marketing I will introduce students to the most exciting areas of marketing, such as sports and entertainment, e-commerce, fashion and merchandising, and travel and tourism. Students will learn employability skills as applied to the marketing field. Students enrolling in the course are strongly encouraged to join DECA, which is the career and technical student organization associated with the Marketing program. Opportunities available though DECA include leadership development, field trips, travel, and competition.	BE521	CTE-Prevention and Care of Sports Injuries Grades: 09 - 12 First Semester of: HE 91 Prevention and Care of Sports Injuries Difficulty: Average-High 2 Sem. – 1 PE/Elective Credit Consists of first aid for athletic injuries, basic knowledge of the human body and its functions, understanding of procedures to be followed in common athletic injuries and information on diets for athletes.	HE911
		CTE-Prevention and Care of Sports Injuries Grades: 09 - 12 Second Semester of: HE 91 Prevention and Care of Sports Injuries Difficulty: Average-High 2 Sem. – 1 PE/Elective Credit Consists of first aid for athletic injuries, basic knowledge of the human body and its functions, understanding of procedures to be followed in common athletic injuries and information on diets for athletes.	HE912



CTE-Principles of Engineering

Grades: 10 - 12

First Semester of:

IT 43 Principles of Engineering

Difficulty: Average-High 2 Sem. – 1 Practical Arts/Elective Credit

Prerequisite: IT 41

A course that helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science and technology in an engineering problem-solving process to benefit people. The course also includes concerns about social and political consequences of technological change. NOTE: Course fee required.

IT431

CTE-Sports Medicine

Grades: 10 - 12

HE 92 Sports Medicine

Difficulty: Average-High 2 Sem. – 1 Practical Arts/Elective Credit

Prerequisites: HE 91

An advanced laboratory course designed for students interested in athletic training, medicine, physical therapy, exercise science and/or other related paramedical fields. Students will examine the causes, prevention, evaluation, management, and rehabilitation of various sport related conditions. Topics regarding research, kinesiology, nutrition, pharmacology, exercise science and implementation of sports medicine programs will also be investigated. Enrolled students will be required to work as student athletic trainers. NOTE: This course does not count for PE credit.

HE921

CTE-Principles of Engineering

Grades: 10 - 12

Second Semester of:

IT 43 Principles of Engineering

Difficulty: Average-High 2 Sem. – 1 Practical Arts/Elective Credit

Prerequisite: IT 41

A course that helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science and technology in an engineering problem-solving process to benefit people. The course also includes concerns about social and political consequences of technological change. NOTE: Course fee required.

IT432

CTE-Sports Medicine

Grades: 10 - 12

HE 92 Sports Medicine

Difficulty: Average-High 2 Sem. – 1 Practical Arts/Elective Credit

Prerequisites: HE 91

An advanced laboratory course designed for students interested in athletic training, medicine, physical therapy, exercise science and/or other related paramedical fields. Students will examine the causes, prevention, evaluation, management, and rehabilitation of various sport related conditions. Topics regarding research, kinesiology, nutrition, pharmacology, exercise science and implementation of sports medicine programs will also be investigated. Enrolled students will be required to work as student athletic trainers. NOTE: This course does not count for PE credit.

HE922

CTE-Robotics

Grades: 09 - 12

IT 55 Robotics

Difficulty: Average-High 2 Sem – 1 Practical Arts/Elective Credit

Prerequisite: IT 43 recommended

Students will focus on control circuits, interfaces, and microprocessors applications as they build and program robots. This course also includes the development of robotics software, Computer Integrated Manufacturing tasks, data communication tasks, sensor and control systems tasks, and the application of the engineering design process. Students are strongly encouraged to participate in robotics competitions.

NOTE: Course fee required

IT551

CTE-Teacher Training Program

Grades: 10 - 12

First Semester of:

FS 53 Teacher Training Program

Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit

Prerequisite: FS 52

This year-long course is an orientation to the teaching profession. Students are exposed to teaching careers and the education system through simulations, "hands-on" activities, and observations. In addition to the curriculum components, all students are required to participate in a field experience in a public school classroom.

FS531

CTE-Robotics

Grades: 09 - 12

IT 55 Robotics

Difficulty: Average-High 2 Sem – 1 Practical Arts/Elective Credit

Prerequisite: IT 43 recommended

Students will focus on control circuits, interfaces, and microprocessors applications as they build and program robots. This course also includes the development of robotics software, Computer Integrated Manufacturing tasks, data communication tasks, sensor and control systems tasks, and the application of the engineering design process. Students are strongly encouraged to participate in robotics competitions.

NOTE: Course fee required

IT552

CTE-Teacher Training Program

Grades: 10 - 12

Second Semester of:

FS 53 Teacher Training Program

Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit

Prerequisite: FS 52

This year-long course is an orientation to the teaching profession. Students are exposed to teaching careers and the education system through simulations, "hands-on" activities, and observations. In addition to the curriculum components, all students are required to participate in a field experience in a public school classroom.

FS532



CTE-Technology Foundations for Business: CB091
Grades: 09 - 12

Course Description Change beginning with the 17-18 school year
CB09 Technology Foundations for Business
2 sem. – 1 Practical Arts/Elective Credit
This course is designed for students with a goal of achieving success in the business world. Students will learn to be critical thinkers, develop leadership skills and become proficient in emerging technologies that will make them more employable in the workforce. Students will learn how to manage complex projects and apply technology skills to a mock business. This course will give students the opportunity to earn professional certifications and specializations in the Microsoft Office Suite (Word, Excel, PowerPoint, and Access). Opportunities will be available for students to excel in their leadership skills through FBLA, a Career and Technical Student Organization to travel and compete.

CTE-Technology Foundations for Business: CB092
Grades: 09 - 12

Course Description Change beginning with the 17-18 school year
CB09 Technology Foundations for Business
2 sem. – 1 Practical Arts/Elective Credit
This course is designed for students with a goal of achieving success in the business world. Students will learn to be critical thinkers, develop leadership skills and become proficient in emerging technologies that will make them more employable in the workforce. Students will learn how to manage complex projects and apply technology skills to a mock business. This course will give students the opportunity to earn professional certifications and specializations in the Microsoft Office Suite (Word, Excel, PowerPoint, and Access). Opportunities will be available for students to excel in their leadership skills through FBLA, a Career and Technical Student Organization to travel and compete.

CTE-Video Production GV211
Grades: 10 - 12

Course Title Change beginning 16-17 school year- Digital Photography II

First Semester of:
GV 21 - TV Broadcasting
Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit
Prerequisite: GV 20
Students enrolled in this course will build on their production experience by writing, producing, directing, and performing a television broadcast. Students will also produce commercials, public service announcements, highlight reels, news, and feature pieces for the TV broadcast. Students will learn advanced editing techniques and graphic skills using industry-standard software and equipment. Opportunities will be given to students through SkillsUSA, which include leadership development, field trips, travel, and competition.

CTE-Video Production GV212
Grades: 10 - 12

Course Title Change beginning 16-17 school year- Digital Photography II

Second Semester of:
GV 21 - TV Broadcasting
Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit
Prerequisite: GV 20
Students enrolled in this course will build on their production experience by writing, producing, directing, and performing a television broadcast. Students will also produce commercials, public service announcements, highlight reels, news, and feature pieces for the TV broadcast. Students will learn advanced editing techniques and graphic skills using industry-standard software and equipment. Opportunities will be given to students through SkillsUSA, which include leadership development, field trips, travel, and competition.

CTE-Welding and Materials Processes IT731
Grades: 10 - 12

First Semester of:
IT 73 Welding and Materials Processes
Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit
Prerequisites: IT 72
Advanced program designed to increase the student's skills and knowledge in the field of welding. Speed, accuracy, and quality work are stressed. Also includes instruction in jigwork, mass production processes, machine cutting, and the welding of alloys and some exotic metals. NOTE: Course fee required.

CTE-Welding and Materials Processes IT732
Grades: 10 - 12

Second Semester of:
IT 73 Welding and Materials Processes
Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit
Prerequisites: IT 72
Advanced program designed to increase the student's skills and knowledge in the field of welding. Speed, accuracy, and quality work are stressed. Also includes instruction in jigwork, mass production processes, machine cutting, and the welding of alloys and some exotic metals. NOTE: Course fee required.

CTE-Welding I - Basic IT711
Grades: 09 - 12

First Semester of:
IT 71 Welding I - Basic
Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit
Basic skills in SMAW (Shielded Metal Arc Welding), GMAW (Gas Metal Arc Welding), FCAW (Flux Core Arc Welding and GTAW (Gas Tungsten Arc Welding) are emphasized. Students will learn metallurgy fundamentals, Oxy-Fuel welding and cutting, welding blueprint reading, employ-ability skills and the basic skills necessary for welding structures. NOTE: Course fee required.

CTE-Welding I - Basic IT712
Grades: 09 - 12

Second Semester of:
IT 71 Welding I - Basic
Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit
Basic skills in SMAW (Shielded Metal Arc Welding), GMAW (Gas Metal Arc Welding), FCAW (Flux Core Arc Welding and GTAW (Gas Tungsten Arc Welding) are emphasized. Students will learn metallurgy fundamentals, Oxy-Fuel welding and cutting, welding blueprint reading, employ-ability skills and the basic skills necessary for welding structures. NOTE: Course fee required.

CTE-Welding II - Intermediate IT721
Grades: 09 - 12

IT 72 Welding II - Intermediate
Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit
Prerequisites: IT 71
Welding II emphasis advanced skills and knowledge in all welding processes. Students will be introduced to workplace, construction and production applications. Students will also receive instruction on the appropriate technologies and techniques to complete approved personal projects. NOTE: Course fee required.

CTE-Welding II - Intermediate IT722
Grades: 09 - 12

IT 72 Welding II - Intermediate
Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit
Prerequisites: IT 71
Welding II emphasis advanced skills and knowledge in all welding processes. Students will be introduced to workplace, construction and production applications. Students will also receive instruction on the appropriate technologies and techniques to complete approved personal projects. NOTE: Course fee required.



Student Store

Grades: 09 - 12

BE 54 Student Store

Difficulty: Average 1 Sem. – 1/2 Practical Arts Credit

Want to gain work experience without leaving campus? Assist customers, operate cash register, set up displays, and learn retail procedures while working in the student store. Strongly recommended for students enrolling in Marketing. Teacher interview required.

Intermediate English Grammar II

Grades: 09 - 12

First Semester of:

ELD 21 Intermediate English Grammar II

Difficulty: Average 2 Sem.

Prerequisites: Home language other than English and AZELLA Overall Proficiency Level

This course extends students' proficiency of English language grammar and structure. Students will study advanced syntactic elements of English (nouns, verbs, modifiers, etc.) along with phonetic and semantic aspects of the language. Word study skills are developed, as well as production of more complex sentences containing conjunctions, transitions and prepositional phrases. Students are expected to be able to identify and apply all eight parts of speech.

Intermediate English Grammar II

Grades: 09 - 12

Second Semester of:

ELD 21 Intermediate English Grammar II

Difficulty: Average 2 Sem.

Prerequisites: Home language other than English and AZELLA Overall Proficiency Level

This course extends students' proficiency of English language grammar and structure. Students will study advanced syntactic elements of English (nouns, verbs, modifiers, etc.) along with phonetic and semantic aspects of the language. Word study skills are developed, as well as production of more complex sentences containing conjunctions, transitions and prepositional phrases. Students are expected to be able to identify and apply all eight parts of speech.

Intermediate English Reading II

Grades: 09 - 12

First Semester of:

ELD 22 Intermediate English Reading II

Difficulty: Average 2 Sem.

Prerequisites: Home language other than English and AZELLA Overall Proficiency Level

This is an intermediate English reading course for students whose first language is not English. Students will extend proficiency of reading skills in four areas: word analysis, fluency and vocabulary, comprehension, and literary analysis and response. Students will continue to use sequential reading instructional materials at their level for further development of content area and narrative reading tasks. Students receive instruction to expand development of sight word vocabulary, and improve reading fluency and decoding skills.

Intermediate English Reading II

Grades: 09 - 12

Second Semester of:

ELD 22 Intermediate English Reading II

Difficulty: Average 2 Sem.

Prerequisites: Home language other than English and AZELLA Overall Proficiency Level

This is an intermediate English reading course for students whose first language is not English. Students will extend proficiency of reading skills in four areas: word analysis, fluency and vocabulary, comprehension, and literary analysis and response. Students will continue to use sequential reading instructional materials at their level for further development of content area and narrative reading tasks. Students receive instruction to expand development of sight word vocabulary, and improve reading fluency and decoding skills.

BE54

Intermediate English Writing II

Grades: 09 - 12

First Semester of:

ELD 24 Intermediate English Writing II

Difficulty: Average 2 Sem.

Prerequisites: Home language other than English and AZELLA at Overall Proficiency Level

This course is designed to provide students advanced instruction in aspects of English writing. Students in this course receive instruction in grammar, sentence expansion and writing forms (paragraphs, essay descriptive, narrative, and first person). Students continue to refine skills in pre-writing, draft composition, and editing using a process writing format. Students are expected to demonstrate correct spelling of commonly used English words.

Intermediate English Writing II

Grades: 09 - 12

Second Semester of:

ELD 24 Intermediate English Writing II

Difficulty: Average 2 Sem.

Prerequisites: Home language other than English and AZELLA at Overall Proficiency Level

This course is designed to provide students advanced instruction in aspects of English writing. Students in this course receive instruction in grammar, sentence expansion and writing forms (paragraphs, essay descriptive, narrative, and first person). Students continue to refine skills in pre-writing, draft composition, and editing using a process writing format. Students are expected to demonstrate correct spelling of commonly used English words.c

**Intermediate Oral Eng Conversation and **

Grades: 09 - 12

First Semester of:

ELD 23 Intermediate Conversational English and Academic Vocabulary II

Difficulty: Average 2 Sem.

Prerequisites: Home language other than English and AZELLA Overall Proficiency Level

This course is designed to provide students new to English with advanced oral and aural competence in a wide variety of English language settings. Students will demonstrate correct use of receptive and expressive English skills. Most coursework focuses on continued development of English skills for social and academic conversations. An emphasis is placed on expanding the range of relevant content vocabulary words. Students continue to refine conversational skills related to academic success, as well as student life skills for understanding school, community, regional and national cultures.

**Intermediate Oral Eng Conversation and **

Grades: 09 - 12

Second Semester of:

ELD 23 Intermediate Conversational English and Academic Vocabulary II

Difficulty: Average 2 Sem.

Prerequisites: Home language other than English and AZELLA Overall Proficiency Level

This course is designed to provide students new to English with advanced oral and aural competence in a wide variety of English language settings. Students will demonstrate correct use of receptive and expressive English skills. Most coursework focuses on continued development of English skills for social and academic conversations. An emphasis is placed on expanding the range of relevant content vocabulary words. Students continue to refine conversational skills related to academic success, as well as student life skills for understanding school, community, regional and national cultures.

ELD241

ELD242

ELD231

ELD232



Intro to Oral Eng Conversation and Vocac **ELD131**
Grades: 09 - 12

First Semester of:
ELD 13 Introduction to Conversational English and Academic Vocabulary I
Difficulty: Average 2 Sem.
Prerequisites: Home language other than English and AZELLA Overall Proficiency Level at Pre-emergent/Emergent/Basic
This course is designed to provide students new to English with basic oral and aural competence in a wide variety of English language settings. Students will develop receptive and expressive English skills, while they also learn basic elements of the sound system and alphabet. Most coursework focuses on helping students to develop English skills that are immediately useful in school, classroom and community settings. An emphasis is placed on introducing a wide range of relevant content vocabulary words. Students also learn about academic culture related to school success, as well as student life skills for understanding school, community, regional and national cultures.

Intro to Oral Eng Conversation and Vocac **ELD132**
Grades: 09 - 12

Second Semester of:
ELD 13 Introduction to Conversational English and Academic Vocabulary I
Difficulty: Average 2 Sem.
Prerequisites: Home language other than English and AZELLA Overall Proficiency Level at Pre-emergent/Emergent/Basic
This course is designed to provide students new to English with basic oral and aural competence in a wide variety of English language settings. Students will develop receptive and expressive English skills, while they also learn basic elements of the sound system and alphabet. Most coursework focuses on helping students to develop English skills that are immediately useful in school, classroom and community settings. An emphasis is placed on introducing a wide range of relevant content vocabulary words. Students also learn about academic culture related to school success, as well as student life skills for understanding school, community, regional and national cultures.

Introduction to English Grammar I **ELD111**
Grades: 09 - 12

First Semester of:
ELD 11 Introduction to English Grammar I
Difficulty: Average 2 Sem.
Prerequisites: Home language other than English and AZELLA Overall Proficiency Level at Pre-emergent/Emergent/Basic
This course introduces students to foundational English language grammar and structure. Students will study basic syntactic elements of English (nouns, verbs, modifiers, etc.) along with phonetic and semantic aspects of the language. Word construction is also taught, as well as how to produce the four kinds of sentences in English (declarative, imperative, interrogative, and exclamatory). Students are expected to study and be able to identify all eight parts of speech.

Introduction to English Grammar I **ELD112**
Grades: 09 - 12

Second Semester of:
ELD 11 Introduction to English Grammar I
Difficulty: Average 2 Sem.
Prerequisites: Home language other than English and AZELLA Overall Proficiency Level at Pre-emergent/Emergent/Basic
This course introduces students to foundational English language grammar and structure. Students will study basic syntactic elements of English (nouns, verbs, modifiers, etc.) along with phonetic and semantic aspects of the language. Word construction is also taught, as well as how to produce the four kinds of sentences in English (declarative, imperative, interrogative, and exclamatory). Students are expected to study and be able to identify all eight parts of speech.

Introduction to English Reading I **ELD121**
Grades: 09 - 12

First Semester of:
ELD 12 Introduction to English Reading I
Difficulty: Average 2 Sem.
Prerequisite: Home language other than English and AZELLA Overall Proficiency Level at Pre-emergent/Emergent/Basic
This is a beginning English reading course for students whose first language is not English. Students will develop reading skills in four areas: word analysis, fluency and vocabulary, comprehension, and basic literary analysis and response. Students use sequential reading instructional materials at their level to establish a base for further content area and narrative reading tasks. Students develop a sight word vocabulary as well as receive explicit phonics and decoding skills instruction.

Introduction to English Reading I **ELD122**
Grades: 09 - 12

Second Semester of:
ELD 12 Introduction to English Reading I
Difficulty: Average 2 Sem.
Prerequisite: Home language other than English and AZELLA Overall Proficiency Level at Pre-emergent/Emergent/Basic
This is a beginning English reading course for students whose first language is not English. Students will develop reading skills in four areas: word analysis, fluency and vocabulary, comprehension, and basic literary analysis and response. Students use sequential reading instructional materials at their level to establish a base for further content area and narrative reading tasks. Students develop a sight word vocabulary as well as receive explicit phonics and decoding skills instruction.

Introduction to English Writing I **ELD141**
Grades: 09 - 12

First Semester of:
ELD 14 Introduction to English Writing I
Difficulty: Average 2 Sem.
Prerequisites: Home language other than English and AZELLA Overall Proficiency Level at Pre-emergent/Emergent/Basic
This course is designed to provide students with a foundation to English writing. Students in this course receive direct instruction in grammar, sentence expansion and writing forms (paragraphs, essay descriptive, narrative, and first person). Students will learn specific skills for pre-writing, draft composition, and editing using a process writing format. Students also are responsible for learning the spelling of a list of commonly used English words.

Introduction to English Writing I **ELD142**
Grades: 09 - 12

Second Semester of:
ELD 14 Introduction to English Writing I
Difficulty: Average 2 Sem.
Prerequisites: Home language other than English and AZELLA Overall Proficiency Level at Pre-emergent/Emergent/Basic
This course is designed to provide students with a foundation to English writing. Students in this course receive direct instruction in grammar, sentence expansion and writing forms (paragraphs, essay descriptive, narrative, and first person). Students will learn specific skills for pre-writing, draft composition, and editing using a process writing format. Students also are responsible for learning the spelling of a list of commonly used English words.



AP English Language & Composition

EN701W

Grades: 11 - 12

*EN 70 AP English Language & Composition
2 Sem. – 1 English Credit

This course involves college level reading and writing, focusing on rhetorical

analysis in order to prepare students for the Advanced Placement (AP) exam in May. If students have a financial hardship paying for the exam, see your school Student Advisor. This course fulfills the junior English requirement. NOTE: This is a weighted course.

AP English Language & Composition

EN702W

Grades: 11 - 12

*EN 70 AP English Language & Composition
2 Sem. – 1 English Credit

This course involves college level reading and writing, focusing on rhetorical

analysis in order to prepare students for the Advanced Placement (AP) exam in May. If students have a financial hardship paying for the exam, see your school Student Advisor. This course fulfills the junior English requirement. NOTE: This is a weighted course.

AP English Literature & Composition

EN711W

Grades: 11 - 12

*EN 71 AP English Literature & Composition
2 Sem.—1 English Credit

This course involves college level reading and writing, focusing on literary

analysis of novels, poetry, and prose in order to prepare students for the Advanced Placement (AP) exam in May. If students have a financial

hardship paying for the exam, see your school Student Advisor. This course fulfills the senior English requirement. NOTE: This is a weighted course

AP English Literature & Composition

EN712W

Grades: 11 - 12

*EN 71 AP English Literature & Composition
2 Sem.—1 English Credit

This course involves college level reading and writing, focusing on literary

analysis of novels, poetry, and prose in order to prepare students for the Advanced Placement (AP) exam in May. If students have a financial

hardship paying for the exam, see your school Student Advisor. This course fulfills the senior English requirement. NOTE: This is a weighted course

College - Prep Writing

EN45

Grades: 10 - 12

*EN 45 College-Prep Writing
Difficulty: High 1 Sem. – 1/2 English Credit

Advanced composition that includes descriptive, expository, analytical and argumentative writing along with critical analysis of literature and vocabulary development.

English Composition 101

EN72

Grades: 11 - 12

*EN 72 English Composition 101
Difficulty: Average - High 1 Sem. – 1/2 English Credit
Emphasis on rhetoric and composition with a focus on expository writing and understanding writing as a process. Establishing effective college-level writing strategies through four or more writing projects comprising at least 3,000 words in total. Students may be required to take the ASSET test to be eligible for enrollment. This course parallels with the course taught in college.

English Composition 102

EN64

Grades: 10 - 12

*EN 64 English Composition 102
Difficulty: Average-High 1 Sem. – 1/2 English Credit
Emphasis on rhetoric and composition with a focus on persuasive, research-based writing and understanding writing as a process. Developing advanced college-level writing strategies through three or more writing projects comprising at least 4,000 words in total. Students may be required to take the ASSET test to be eligible for enrollment. This course parallels with the course taught in college.

Freshman English

EN091

Grades: 09 - 12

First Semester of:

*EN 09 Freshman English
Difficulty: Average 2 Sem. – 1 English Credit

This course addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). Students will interact with complex texts, build knowledge through content rich texts, and engage in evidence based reading and writing.

Freshman English

EN092

Grades: 09 - 12

Second Semester of:

*EN 09 Freshman English
Difficulty: Average 2 Sem. – 1 English Credit

This course addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). Students will interact with complex texts, build knowledge through content rich texts, and engage in evidence based reading and writing.

Freshman Essentials of English

EN191

Grades: 09

EN 19 Freshman Essentials of English
2 Sem. – 1 English Credit

This course reinforces basic reading and writing skills while teaching the essential skills of Freshman English at a more individualized pace. The curriculum addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). EN 19S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

Freshman Essentials of English

EN192

Grades: 09

EN 19 Freshman Essentials of English
2 Sem. – 1 English Credit

This course reinforces basic reading and writing skills while teaching the essential skills of Freshman English at a more individualized pace. The curriculum addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). EN 19S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

Holocaust Literature

EN63

Grades: 10 - 12

*EN 63 Holocaust Literature
Prerequisites: EN 35 or EN 48 1 Sem. – 1/2 English Credit
Holocaust Literature focuses on the time period from 1933 to 1945. The history of the Holocaust and the rise of Hitler and the Nazis will be studied, but the main focus will be on the resulting literature. Works will be read that were written before, during, and after the Holocaust, and may include some more recent occurrences of genocide.



Honors Freshman English EN271W Grades: 09 *EN 27 Honors Freshman English 2 Sem. – 1 English Credit An accelerated language arts course with an emphasis on enrichment experiences, including advanced work in literature, composition, grammar, research and reading, with a focus on critical reading and argumentation. NOTE: This is a weighted course.	Senior English EN491 Grades: 10 - 12 *EN 49 Senior English Prerequisites: EN 48 2 Sem. – 1 English Credit This course integrates writing for a variety of purposes and audiences. Writing includes a focus on "real world" skills, including expository, communication, research and analysis modes. Universal themes in literature are explored in a variety of fiction, non-fiction, poetry and drama selections. Readings from a broad variety of authors is surveyed.
Honors Freshman English EN272W Grades: 09 *EN 27 Honors Freshman English 2 Sem. – 1 English Credit An accelerated language arts course with an emphasis on enrichment experiences, including advanced work in literature, composition, grammar, research and reading, with a focus on critical reading and argumentation. NOTE: This is a weighted course.	Senior English EN492 Grades: 10 - 12 *EN 49 Senior English Prerequisites: EN 48 2 Sem. – 1 English Credit This course integrates writing for a variety of purposes and audiences. Writing includes a focus on "real world" skills, including expository, communication, research and analysis modes. Universal themes in literature are explored in a variety of fiction, non-fiction, poetry and drama selections. Readings from a broad variety of authors is surveyed.
Honors Sophomore English EN351W Grades: 10 - 12 *EN 35 Honors Sophomore English 2 Sem. – 1 English Credit An accelerated language arts course with an emphasis on enrichment experiences, including exposure to advanced work in literature, composition, grammar, syntax, research and reading, with a focus on rigor, complexity, and sophistication of content, writing, and language arts skills. NOTE: This is a weighted course.	Shakespeare EN40 Grades: 10 - 12 *EN 40 Shakespeare Difficulty: Average-High 1 Sem. – 1/2 English Credit Designed for students who are interested in studying more of Shakespeare's writings than other courses allow. Students are taught how to analyze Shakespeare's major works.
Honors Sophomore English EN352W Grades: 10 - 12 *EN 35 Honors Sophomore English 2 Sem. – 1 English Credit An accelerated language arts course with an emphasis on enrichment experiences, including exposure to advanced work in literature, composition, grammar, syntax, research and reading, with a focus on rigor, complexity, and sophistication of content, writing, and language arts skills. NOTE: This is a weighted course.	Sophomore English EN471 Grades: 10 - 12 *EN 47 Sophomore English 2 Sem. – 1 English Credit This course integrates reading literature and informational text with composition. Course content combines the study of speaking and listening, language, and critical thinking skills. Writing exercises emphasize the writing process including deliberate use of diction, syntax, organization, and development of ideas when writing about both fiction and non-fiction texts. Literature study includes use and analysis of literary elements.
Junior English EN481 Grades: 10 - 12 *EN 48 Junior English Prerequisites: EN 47 2 Sem. – 1 English Credit This course integrates the modes of essay writing with the study of literature. Course content combines the study of literary models of fiction and nonfiction, and the composition skills of exposition and argument. Composition emphasis is on research skills, development of language skills, and multi-paragraph essays.	Sophomore English EN472 Grades: 10 - 12 *EN 47 Sophomore English 2 Sem. – 1 English Credit This course integrates reading literature and informational text with composition. Course content combines the study of speaking and listening, language, and critical thinking skills. Writing exercises emphasize the writing process including deliberate use of diction, syntax, organization, and development of ideas when writing about both fiction and non-fiction texts. Literature study includes use and analysis of literary elements.
Junior English EN482 Grades: 10 - 12 *EN 48 Junior English Prerequisites: EN 47 2 Sem. – 1 English Credit This course integrates the modes of essay writing with the study of literature. Course content combines the study of literary models of fiction and nonfiction, and the composition skills of exposition and argument. Composition emphasis is on research skills, development of language skills, and multi-paragraph essays.	Attending AM Classes on EVIT Campus EVITAM Grades: 10 - 12 AM Classes on EVIT Campus 1601 W Main Street Mesa AZ 85201 (480)461-4108 Monday - Friday 8:05 to 10:35 a.m.



Attending PM Classes on EVIT Campus

Grades: 10 - 12

PM Classes on EVIT Campus
1601 W Main Street
Mesa AZ 85201
(480)461-4108

Monday - Friday 12:05 to 2:35 p.m.

Algebra I

Grades: 07 - 12

*MA 27 Algebra I
2 Sem. – 1 Math Credit

Mathematical practices and modeling with mathematics are embedded into standards for algebra to include the study of number and quantity, functions, reasoning with equations and inequalities, and interpreting categorical and quantitative data. Instructional time and learning focuses on three critical areas: (1) Deepen and extend understanding

of linear and exponential relationships; (2) Engage in methods for analyzing, solving, and using quadratic functions; and (3) Apply linear models to data that exhibit a linear trend. MA 27S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

Algebra I

Grades: 07 - 12

*MA 27 Algebra I
2 Sem. – 1 Math Credit

Mathematical practices and modeling with mathematics are embedded into standards for algebra to include the study of number and quantity, functions, reasoning with equations and inequalities, and interpreting categorical and quantitative data. Instructional time and learning focuses on three critical areas: (1) Deepen and extend understanding

of linear and exponential relationships; (2) Engage in methods for analyzing, solving, and using quadratic functions; and (3) Apply linear models to data that exhibit a linear trend. MA 27S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

Algebra II

Grades: 09 - 12

*MA 40 Algebra II

Prerequisites: MA 27 and MA 30 2 Sem. – 1 Math Credit
This course expands on standards from algebra and geometry. Algebra 2 embeds mathematical practices and modeling with mathematics into standards to include the study of rational exponents, quantitative reasoning, the complex number system, and reasoning with equations and inequalities. Instructional time and learning focuses on four critical areas: (1) Extending the real number system to the complex number system, representing radicals with rational exponents; (2) Solving and interpreting solutions to a variety of equations, inequalities, and systems of equations; (3) Demonstrate competency graphing and interpreting

functions extending from linear, quadratic, and exponential with integer exponents to polynomial, radical, rational, exponential with real exponents, logarithmic, trigonometric functions, and piecewise defined functions; and (4) Extend simple and compound probability calculations to conditional probability.

EVITPM

Algebra II

Grades: 09 - 12

*MA 40 Algebra II

Prerequisites: MA 27 and MA 30 2 Sem. – 1 Math Credit
This course expands on standards from algebra and geometry. Algebra 2 embeds mathematical practices and modeling with mathematics into standards to include the study of rational exponents, quantitative reasoning, the complex number system, and reasoning with equations and inequalities. Instructional time and learning focuses on four critical areas: (1) Extending the real number system to the complex number system, representing radicals with rational exponents; (2) Solving and interpreting solutions to a variety of equations, inequalities, and systems of equations; (3) Demonstrate competency graphing and interpreting functions extending from linear, quadratic, and exponential with integer exponents to polynomial, radical, rational, exponential with real exponents, logarithmic, trigonometric functions, and piecewise defined functions; and (4) Extend simple and compound probability calculations to conditional probability.

AP Calculus AB

Grades: 09 - 12

*MA 50 AP Calculus AB
Difficulty: High 2 Sem. – 1 Math Credit
Prerequisites: MA40 or MA41

Parallels the typical first semester of college calculus and includes a review and extension of analytical geometry, a study of functions, limits, continuity, differential calculus, transcendental functions, and techniques of integration. Both theory & application are emphasized. Students will use analytical, numerical, graphical, and verbal approaches to solving problems. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.

AP Calculus AB

Grades: 09 - 12

*MA 50 AP Calculus AB
Difficulty: High 2 Sem. – 1 Math Credit
Prerequisites: MA40 or MA41

Parallels the typical first semester of college calculus and includes a review and extension of analytical geometry, a study of functions, limits, continuity, differential calculus, transcendental functions, and techniques of integration. Both theory & application are emphasized. Students will use analytical, numerical, graphical, and verbal approaches to solving problems. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.

AP Calculus BC

Grades: 09 - 12

*MA 51 AP Calculus BC
Difficulty: High 2 Sem. – 1 Math Credit

Prerequisites: MA45, MA50 or teacher recommendation
Intended for students who have a thorough knowledge of analytic geometry and elementary functions in addition to college preparatory algebra, geometry and trigonometry. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.

AP Calculus BC

Grades: 09 - 12

*MA 51 AP Calculus BC
Difficulty: High 2 Sem. – 1 Math Credit

Prerequisites: MA45, MA50 or teacher recommendation
Intended for students who have a thorough knowledge of analytic geometry and elementary functions in addition to college preparatory algebra, geometry and trigonometry. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.

MA402

MA271

MA272

MA401

MA501W

MA502W

MA511W

MA512W



AP Statistics

Grades: 11 - 12

*MA 52 AP Statistics

Difficulty High 2 Sem. – 1 Math Credit

Grades: 11th-12th

Prerequisite: MA 40 or MA 41

Students are introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1. Exploring Data: Describing patterns and departures from patterns, 2. Sampling and Experimentation: Planning and conducting a study, 3. Anticipating Patterns: Exploring random phenomena using probability and simulation, and 4. Statistical Inference: Estimating population parameters and testing hypotheses. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.

AP Statistics

Grades: 11 - 12

*MA 52 AP Statistics

Difficulty High 2 Sem. – 1 Math Credit

Grades: 11th-12th

Prerequisite: MA 40 or MA 41

Students are introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1. Exploring Data: Describing patterns and departures from patterns, 2. Sampling and Experimentation: Planning and conducting a study, 3. Anticipating Patterns: Exploring random phenomena using probability and simulation, and 4. Statistical Inference: Estimating population parameters and testing hypotheses. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.

College Algebra/Trigonometry (Pre-Calcu

MA421

Grades: 07 - 12

Course change beginning 16-17 school year to MA42 College Algebra/Trigonometry (Pre-calculus)

Difficulty: High 2 Sem. – 1 Math Credit

Grades: 11-12

Prerequisites: MA 40 or MA 41

This is a rigorous course consisting of one semester of College Algebra/Functions (equivalent to MAT152 at MCC) and one semester of Plane Trigonometry (equivalent to MAT182 at MCC). Completion of both semesters of this course is equivalent to MAT187 Pre-calculus at MCC. This course prepares students for AP Calculus AB. Topics emphasized in the course include: functions, mathematical modeling, exponential and logarithmic equations and inequalities, and trigonometry. This course may be taken for dual enrollment in conjunction with MCC.

Old info-

Course Title Changed beginning with 15-16 school year to College Algebra

MA521W

College Algebra/Trigonometry (Pre-Calcu

MA422

Grades: 07 - 12

Course change beginning with the 16-17 school year to MA42 College Algebra/Trigonometry (Pre-calculus)

Difficulty: High 2 Sem. – 1 Math Credit

Grades: 11-12

Prerequisites: MA 40 or MA 41

This is a rigorous course consisting of one semester of College Algebra/Functions (equivalent to MAT152 at MCC) and one semester of Plane Trigonometry (equivalent to MAT182 at MCC). Completion of both semesters of this course is equivalent to MAT187 Pre-calculus at MCC. This course prepares students for AP Calculus AB. Topics emphasized in the course include: functions, mathematical modeling, exponential and logarithmic equations and inequalities, and trigonometry. This course may be taken for dual enrollment in conjunction with MCC.

Old info-

Course Title Changed beginning with the 15-16 school year to College Algebra

Contemporary Mathematics with Modelin

MA431

Grades: 09 - 12

Course Title Change/New course beginning with the 15-16 school year
New Title: Contemporary Mathematics with Modeling

Difficulty: Average 2 Semesters - 1 Math Credit

Grade: 11 or 12

Prerequisites: MA40 This course is aligned with Arizona's College and Career Ready Standards and fulfills the fourth mathematics credit needed for graduation. This is a course where students will make connections and build relationships through the study of mathematical structures, integrating technology to assist in developing algorithms. Discrete math concept units include Algebra Modeling, Data Modeling, Probability and Combinatorics, Vertex-Edge Graphs, and Analysis of Change.

Pilot Math Program Dobson HS Beginning 14-15 school year

MA431 Discrete Mathematics with Mathematical Modeling

Discrete Math with Mathematical Modeling

This course is aligned with Arizona's College and Career Ready Standards and fulfills the fourth mathematics credit needed for graduation toward Mesa Schools Standard Diploma. This is a course where students will make connections and build relationships through the study of mathematical structures, integrating technology to assist in developing algorithms. Concept units include Algebra Modeling, Data Modeling, Probability and Combinatorics, Vertex-Edge Graphs, and Analysis of Change.



Contemporary Mathematics with Modeling MA432
Grades: 09 - 12

Course Title Change/New course beginning with the 15-16 school year
New Title: Contemporary Mathematics with Modeling
Difficulty: Average 2 Semesters - 1 Math Credit
Grade: 11 or 12
Prerequisites: MA40

This course is aligned with Arizona's College and Career Ready Standards and fulfills the fourth mathematics credit needed for graduation. This is a course where students will make connections and build relationships through the study of mathematical structures, integrating technology to assist in developing algorithms. Discrete math concept units include Algebra Modeling, Data Modeling, Probability and Combinatorics, Vertex-Edge Graphs, and Analysis of Change.

Pilot Math Program Dobson HS Beginning 14-15 school year
MA432 Discrete Mathematics with Mathematical Modeling
Discrete Math with Mathematical Modeling

This course is aligned with Arizona's College and Career Ready Standards and fulfills the fourth mathematics credit needed for graduation toward Mesa Schools Standard Diploma. This is a course where students will make connections and build relationships through the study of mathematical structures, integrating technology to assist in developing algorithms. Concept units include Algebra Modeling, Data Modeling, Probability and Combinatorics, Vertex-Edge Graphs, and Analysis of Change.

Geometry MA301
Grades: 07 - 12

*MA 30 Geometry
Prerequisites: MA 27 2 Sem. – 1 Math Credit
Mathematical practices and modeling with mathematics are embedded into standards for geometry to include the study of congruence, similarity, right triangles, and trigonometry, circles, expressing geometric properties with equations, and geometric measurement and dimension. Instructional time and learning focuses on five critical areas:
(1) Establishing criteria for congruence of geometric figures based on rigid motions; (2) Establishing criteria for similarity of geometric figures based on dilations and proportional reasoning; (3) Develop understanding of informal explanations of circumference, area, and volume formulas; (4) Proving geometric theorems; and (5) Solve problems involving right triangles. MA 30S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

Geometry MA302
Grades: 07 - 12

*MA 30 Geometry
Prerequisites: MA 27 2 Sem. – 1 Math Credit
Mathematical practices and modeling with mathematics are embedded into standards for geometry to include the study of congruence, similarity, right triangles, and trigonometry, circles, expressing geometric properties with equations, and geometric measurement and dimension. Instructional time and learning focuses on five critical areas:
(1) Establishing criteria for congruence of geometric figures based on rigid motions; (2) Establishing criteria for similarity of geometric figures based on dilations and proportional reasoning; (3) Develop understanding of informal explanations of circumference, area, and volume formulas; (4) Proving geometric theorems; and (5) Solve problems involving right triangles. MA 30S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

Honors Algebra II MA411W
Grades: 07 - 12

*MA 41 Honors Algebra II
2 Sem. – 1 Math Credit
Prerequisites: MA 27 & MA 30 or MA 32. A placement test may be required.
A fast paced course that expands on standards from algebra and geometry.
Honors Algebra II embeds mathematical practices, applications and modeling with mathematics into standards to include the study of rational exponents, quantitative reasoning, the complex number system, and reasoning with equations and inequalities. Instructional time and learning focuses on four critical areas: (1) Extending the real number system to the complex number system, representing radicals with rational exponents; (2) Solving and interpreting solutions to a variety of equations, inequalities, and systems of equations; (3) Demonstrate competency graphing and interpreting functions extending from linear, quadratic, and exponential with integer exponents to polynomial, radical, rational, exponential with real exponents, logarithmic, trigonometric functions, and piece-wise defined functions; and (4) Extend simple and compound probability calculations to conditional probability.
NOTE: This is a weighted course.

Honors Algebra II MA412W
Grades: 07 - 12

*MA 41 Honors Algebra II
2 Sem. – 1 Math Credit
Prerequisites: MA 27 & MA 30 or MA 32. A placement test may be required.
A fast paced course that expands on standards from algebra and geometry.
Honors Algebra II embeds mathematical practices, applications and modeling with mathematics into standards to include the study of rational exponents, quantitative reasoning, the complex number system, and reasoning with equations and inequalities. Instructional time and learning focuses on four critical areas: (1) Extending the real number system to the complex number system, representing radicals with rational exponents; (2) Solving and interpreting solutions to a variety of equations, inequalities, and systems of equations; (3) Demonstrate competency graphing and interpreting functions extending from linear, quadratic, and exponential with integer exponents to polynomial, radical, rational, exponential with real exponents, logarithmic, trigonometric functions, and piece-wise defined functions; and (4) Extend simple and compound probability calculations to conditional probability.
NOTE: This is a weighted course.

Honors Geometry MA321W
Grades: 07 - 12

*MA 32 Honors Geometry
Prerequisite: MA 27 and teacher recommendation 2 Sem.–1 Math Credit
Mathematical practices and modeling with mathematics are embedded into standards for honors geometry to include the study of congruence, similarity, right triangles, and trigonometry, circles, expressing geometric properties with equations, and geometric measurement and dimension. Instructional time and learning focuses on five critical areas: (1) Establishing criteria for congruence of geometric figures based on rigid motions; (2) Establishing criteria for similarity of geometric figures based on dilations and proportional reasoning; (3) Develop understanding of informal explanations of circumference, area, and volume formulas; (4) Proving geometric theorems; and (5) Solve problems involving right triangles. In addition, the curriculum includes rigorous proofs, algebraic representations of geometric concepts, transformational geometry and coordinate geometry. NOTE: This is a weighted course.



Honors Geometry

MA322W

Grades: 07 - 12

*MA 32 Honors Geometry

Prerequisite: MA 27 and teacher recommendation 2 Sem.—1 Math Credit

Mathematical practices and modeling with mathematics are embedded into standards for honors geometry to include the study of congruence, similarity, right triangles, and trigonometry, circles, expressing geometric properties with equations, and geometric measurement and dimension. Instructional time and learning focuses on five critical areas: (1) Establishing criteria for congruence of geometric figures based on rigid motions; (2) Establishing criteria for similarity of geometric figures based on dilations and proportional reasoning; (3) Develop understanding of informal explanations of circumference, area, and volume formulas; (4) Proving geometric theorems; and (5) Solve problems involving right triangles. In addition, the curriculum includes rigorous proofs, algebraic representations of geometric concepts, transformational geometry and coordinate geometry. NOTE: This is a weighted course.

Honors Pre-Calculus

MA451W

Grades: 09 - 12

Course Title Change beginning with the 16-17 school year to MA45 Honor Pre- Calculus

*MA 45 Pre-Calculus

Difficulty: High 2 Sem. — 1 Math Credit

Prerequisites: MA42, MA45 or teacher recommended

An in depth study of algebraic, trigonometric, logarithmic, exponential functions, related graphing applications and an introduction to limits. Students will use analytical, numerical, graphical, and verbal approaches to solving problems. NOTE: This is a weighted course.

Honors Pre-Calculus

MA452W

Grades: 09 - 12

Course Title Change beginning with the 16-17 school year to MA45 Honor Pre- Calculus

*MA 45 Pre-Calculus

Difficulty: High 2 Sem. — 1 Math Credit

Prerequisites: MA42, MA45 or teacher recommended

An in depth study of algebraic, trigonometric, logarithmic, exponential functions, related graphing applications and an introduction to limits. Students will use analytical, numerical, graphical, and verbal approaches to solving problems. NOTE: This is a weighted course.

Personal Finance

MA351

Grades: 10 - 12

First Semester of:

MA 35 Personal Finance

Difficulty: Average 1-2 Sem. — ½ - 1 Math Credit

Prerequisite: MA 27 and MA 30

This course introduces students to the basics of financial literacy including such topics as creating personal financial goals, saving and investing, banking, using debit and credit cards, making major purchases, paying payroll and other taxes, and purchasing insurance. By emphasizing the importance of setting goals and creating a financial plan, students learn to think before spending. Students will learn how credit scores can impact one's ability to secure a loan and, in some cases, determine whether they will be hired for a job. Students will also become familiar with some of the reality that faces everyone when they get their first job, their first apartment, or just take on more personal financial responsibilities.

Personal Finance

MA352

Grades: 10 - 12

Second Semester of:

MA 35 Personal Finance

Difficulty: Average 1-2 Sem. — ½ - 1 Math Credit

Prerequisite: MA 27 and MA 30

This course introduces students to the basics of financial literacy including such topics as creating personal financial goals, saving and investing, banking, using debit and credit cards, making major purchases, paying payroll and other taxes, and purchasing insurance. By emphasizing the importance of setting goals and creating a financial plan, students learn to think before spending. Students will learn how credit scores can impact one's ability to secure a loan and, in some cases, determine whether they will be hired for a job. Students will also become familiar with some of the reality that faces everyone when they get their first job, their first apartment, or just take on more personal financial responsibilities.

A HOUR

SCH00

Grades: 07 - 12

A-HR PLACE HOLDER FOR OCR SCHEDULING PURPOSES- NOT AN ACTUAL COURSE

Only used for Online Course Requests during Mass Scheduling

Academic Decathlon Fine Arts Exploratio

AD861W

Grades: 10 - 12

AD 86 Academic Decathlon: Fine Arts Exploration in its Scientific & Historical Context

Difficulty: High 2 Sem. - 1 Fine Arts/Elective Cr.

This course surveys a fine arts curriculum at an introductory college level. It introduces the fundamentals of art composition, art history, and the various techniques adapted to painting, sketching, photography, sculpture, mixed media and architecture. The curriculum also includes the basics of music theory and fundamentals. This in-depth humanities education provides students with the necessary vocabulary for a fine arts historical analysis and encourages the student to understand the significance of a work of art within their original historical, economic, and scientific contexts. This course also prepares students for Academic Decathlon competition.

Academic Decathlon Fine Arts Exploratio

AD862W

Grades: 10 - 12

AD 86 Academic Decathlon: Fine Arts Exploration in its Scientific & Historical Context

Difficulty: High 2 Sem. - 1 Fine Arts/Elective Cr.

This course surveys a fine arts curriculum at an introductory college level. It introduces the fundamentals of art composition, art history, and the various techniques adapted to painting, sketching, photography, sculpture, mixed media and architecture. The curriculum also includes the basics of music theory and fundamentals. This in-depth humanities education provides students with the necessary vocabulary for a fine arts historical analysis and encourages the student to understand the significance of a work of art within their original historical, economic, and scientific contexts. This course also prepares students for Academic Decathlon competition.



AP Seminar

Grades: 09 - 12

Course Change Beginning 2017-18

CP20 AP Capstone: AP Seminar

Difficulty: High 2 Sem - 1 Elective Credit

In this yearlong course, students develop and strengthen analytic and inquiry skills, exploring two to four relevant issues chosen by the student and/or teacher. For example, students might explore the question of whether national security is more important than a citizen's right to privacy, or whether genetic engineering is a benefit to society. Using an inquiry framework, students practice reading and analyzing articles; research studies; foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to consider an issue from multiple perspectives, evaluate the strength of an argument, and make logical, fact-based decisions. Students question, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. After taking AP Seminar, students will have the opportunity to further their inquiry and analytical writing skills in AP Research. NOTE: This is a weighted course.

AP Seminar

Grades: 09 - 12

Course Change Beginning 2017-18

CP20 AP Capstone: AP Seminar

Difficulty: High 2 Sem - 1 Elective Credit

In this yearlong course, students develop and strengthen analytic and inquiry skills, exploring two to four relevant issues chosen by the student and/or teacher. For example, students might explore the question of whether national security is more important than a citizen's right to privacy, or whether genetic engineering is a benefit to society. Using an inquiry framework, students practice reading and analyzing articles; research studies; foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to consider an issue from multiple perspectives, evaluate the strength of an argument, and make logical, fact-based decisions. Students question, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. After taking AP Seminar, students will have the opportunity to further their inquiry and analytical writing skills in AP Research. NOTE: This is a weighted course.

AVID

Grades: 09

First Semester of:

AV 09 AVID-9th grade

Difficulty: Average 2 Sem. – 1 Elective Credit

AVID is a junior through senior high school college readiness system designed to prepare self-determined students who have demonstrated average achievement for college readiness. The program enrolls students in rigorous courses and provides them with intensive support to ensure their success. The major component is a daily AVID elective class that students must attend. During this class, students receive training in effective note taking, organizational, and goal-setting strategies. Extensive writing and reading instruction is also provided. AVID students are academically capable students who would typically be the first in their families to attend college. Placement is done through an application process.

CP201W

AVID

Grades: 09

Second Semester of:

AV 09 AVID-9th grade

Difficulty: Average 2 Sem. – 1 Elective Credit

AVID is a junior through senior high school college readiness system designed to prepare self-determined students who have demonstrated average achievement for college readiness. The program enrolls students in rigorous courses and provides them with intensive support to ensure their success. The major component is a daily AVID elective class that students must attend. During this class, students receive training in effective note taking, organizational, and goal-setting strategies. Extensive writing and reading instruction is also provided. AVID students are academically capable students who would typically be the first in their families to attend college. Placement is done through an application process.

AV092

AVID

Grades: 10

First Semester of:

AV 10 AVID

Difficulty: Average 2 Sem. – 1 Elective Credit

AVID is a junior through senior high school college readiness system designed to prepare self-determined students who have demonstrated average achievement for college readiness. The program enrolls students in rigorous courses and provides them with intensive support to ensure their success. The major component is a daily AVID elective class that students must attend. During this class, students receive training in effective note taking, organizational, and goal-setting strategies. Extensive writing and reading instruction is also provided. AVID students are academically capable students who would typically be the first in their families to attend college. Placement is done through an application process.

AV101

AVID

Grades: 10

Second Semester of:

AV 10 AVID

Difficulty: Average 2 Sem. – 1 Elective Credit

AVID is a junior through senior high school college readiness system designed to prepare self-determined students who have demonstrated average achievement for college readiness. The program enrolls students in rigorous courses and provides them with intensive support to ensure their success. The major component is a daily AVID elective class that students must attend. During this class, students receive training in effective note taking, organizational, and goal-setting strategies. Extensive writing and reading instruction is also provided. AVID students are academically capable students who would typically be the first in their families to attend college. Placement is done through an application process.

AV102

AVID

Grades: 11

First Semester of:

AV 11 AVID

Difficulty: Average 2 Sem. – 1 Elective Credit

AVID is a junior through senior high school college readiness system designed to prepare self-determined students who have demonstrated average achievement for college readiness. The program enrolls students in rigorous courses and provides them with intensive support to ensure their success. The major component is a daily AVID elective class that students must attend. During this class, students receive training in effective note taking, organizational, and goal-setting strategies. Extensive writing and reading instruction is also provided. AVID students are academically capable students who would typically be the first in their families to attend college. Placement is done through an application process.

AV111



AVID Grades: 11 Second Semester of: AV 11 AVID Difficulty: Average 2 Sem. – 1 Elective Credit AVID is a junior through senior high school college readiness system designed to prepare self-determined students who have demonstrated average achievement for college readiness. The program enrolls students in rigorous courses and provides them with intensive support to ensure their success. The major component is a daily AVID elective class that students must attend. During this class, students receive training in effective note taking, organizational, and goal-setting strategies. Extensive writing and reading instruction is also provided. AVID students are academically capable students who would typically be the first in their families to attend college. Placement is done through an application process.	AV112	Internship Place Holder Grades: 10 - 12 NOT ACTUAL COURSE Internship OCR Place Holder Only used for Online Course Request during Mass Scheduling	SCH80
AVID Grades: 12 First Semester of: AV 12 AVID Difficulty: Average 2 Sem. – 1 Elective Credit AVID is a junior through senior high school college readiness system designed to prepare self-determined students who have demonstrated average achievement for college readiness. The program enrolls students in rigorous courses and provides them with intensive support to ensure their success. The major component is a daily AVID elective class that students must attend. During this class, students receive training in effective note taking, organizational, and goal-setting strategies. Extensive writing and reading instruction is also provided. AVID students are academically capable students who would typically be the first in their families to attend college. Placement is done through an application process.	AV121	ORCHESTRA Grades: 07 - 12 Orchestra OCR Place Holder- Not actual class Only used during Online Course Request during Mass Scheduling	SCH12
AVID Grades: 12 Second Semester of: AV 12 AVID Difficulty: Average 2 Sem. – 1 Elective Credit AVID is a junior through senior high school college readiness system designed to prepare self-determined students who have demonstrated average achievement for college readiness. The program enrolls students in rigorous courses and provides them with intensive support to ensure their success. The major component is a daily AVID elective class that students must attend. During this class, students receive training in effective note taking, organizational, and goal-setting strategies. Extensive writing and reading instruction is also provided. AVID students are academically capable students who would typically be the first in their families to attend college. Placement is done through an application process.	AV122	Released Time 1st Period Grades: 09 - 12 Changed title to Released Time 1st Period 15-16 First semester Released Time/Parent Request	NC911
Career Exploration Program Grades: 09 - 12 WE 90 Career Exploration Program Difficulty: Variable 9 weeks - 2 Sem.; 128 hrs. = 1/2 Credit Prerequisites: Parent/Guardian Consent 256 hrs. = 1 Credit The Career Exploration Program is an opportunity for students to earn elective credit while working in a paid position. There are no regular classes to attend; however, Career Activity Assignment booklets are required to be completed in addition to working on the job. Only one full credit may be earned without prior approval of principal. The Career Resource Center at your school has all the information and forms you need.	WE90	Released Time 1st Period Grades: 09 - 12 Changed to Released Time 1st Period 15-16 Second semester Released Time/Parent Request	NC912
DANCE Grades: 07 - 12 Dance OCR Place Holder- Not Actual Class Only used for Online Course Request during Mass Scheduling	SCH30	Released Time 2nd Period Grades: 09 - 12 Changed title to Released Time 2nd Period 15-16 First semester Released Time/Parent Request	NC921
		Released Time 2nd Period Grades: 09 - 12 Changed title to Released Time 2nd Period 15-16 Second semester Released Time/Parent Request	NC922
		Released Time 5th Period Grades: 09 - 12 Changed title to Released Time 5th Period 15-16 First semester Released Time/Parent Request	NC951
		Released Time 5th Period Grades: 09 - 12 Changed Title to Released Time 5th Period 15-16 Second semester Released Time/Parent Request	NC952
		Released Time 6th Period Grades: 09 - 12 Changed title to Released Time 6th Period 15-16 First semester Released Time/Parent Request	NC961
		Released Time 6th Period Grades: 09 - 12 Changed title to Released Time 6th Period 15-16 Second semester Released Time/Parent Request	NC962



Released Time A Hr Grades: 09 - 12 Changed to Released Time A Hr 15-16 First semester NC 90 RELEASED TIME/PARENT REQUEST	NC901	Army JROTC LET-I Grades: 09 - 12 Second Semester of: MS 31 Army JROTC LET-I Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit Introduction to leadership and citizenship. Cadets gain an understanding of their rights, responsibilities (including respect for constituted authority), privileges and freedoms that underlie good citizenship. They learn the importance of citizenship through American History as it relates to America's culture and future from the Revolutionary period to the present. They must demonstrate the ability to think logically and communicate effectively, with emphasis on effective oral communication. The program stresses physical fitness in maintaining good health and appearance. The underlying keys to the program are loyalty, trustworthiness, dedication, leadership, discipline and teamwork.	MS312
Released Time A Hr Grades: 09 - 12 Changed to Released Time A Hr 15-16 Second semester NC 90 RELEASED TIME/PARENT REQUEST	NC902		
Released Time- Personal Grades: 09 - 12 Released Time NC 40 RELEASED TIME-PERSONAL (for religious purposes A.R.S. 15-806)	NC401	Army JROTC LET-III Grades: 10 - 12 First Semester of: MS 33 Army JROTC LET-III Difficulty: Average 2 Sem. – 1 Practical Arts Credit Continue to develop leadership and character traits. Students will study the constitutional basis for the Federal Judicial System and military law enforcement. They will review the freedoms guaranteed by the Bill of Rights to the constitution with emphasis on the five basic freedoms of the first Amendment and the amendments that establish and protect the rights of accused persons. Study the original provisions of the U.S. Constitution that were the basis for establishing the armed forces.	MS331
Released Time- Personal Grades: 09 - 12 Released Time NC 40 RELEASED TIME-PERSONAL (for religious purposes A.R.S. 15-806)	NC402		
Student Assistance - Cafeteria Grades: 09 - 12 Student Assistance, Cafeteria 1 - 2 Sem. – 1/2 - 1 Elective Credit Prerequisites: Teacher, administrator, counselor, parental approval Designed to give students an opportunity to investigate in-depth professional fields they are considering for entry. Offers them experiences in more advanced facilities than those available on the high school campus.	SA58		
Student Assistant Grades: 09 - 12 Student Aid	SA99	Army JROTC LET-III Grades: 10 - 12 Second Semester of: MS 33 Army JROTC LET-III Difficulty: Average 2 Sem. – 1 Practical Arts Credit Continue to develop leadership and character traits. Students will study the constitutional basis for the Federal Judicial System and military law enforcement. They will review the freedoms guaranteed by the Bill of Rights to the constitution with emphasis on the five basic freedoms of the first Amendment and the amendments that establish and protect the rights of accused persons. Study the original provisions of the U.S. Constitution that were the basis for establishing the armed forces.	MS332
Student Council Grades: 09 - 12 First Semester of Student Council Designed for students elected to Student Council	ST921		
Student Council Grades: 09 - 12 Semester 2 of Student Council Designed for students elected to Student Council	ST922	Army JROTC LET-IV Grades: 11 - 12 First Semester of: MS 34 Army JROTC LET-IV Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit Continue to develop leadership and character traits. As senior cadets the student will assist in instructing the younger cadets while completing a "Self-paced course of instruction." Emphasis will be ethical situations that affect behavior, standards of morality and the decisions that are made in light of these and other factors such as laws/regulations, basic national rights, traditional military values, personal values and institutional pressures.	MS341
Army JROTC LET-I Grades: 09 - 12 First Semester of: MS 31 Army JROTC LET-I Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit Introduction to leadership and citizenship. Cadets gain an understanding of their rights, responsibilities (including respect for constituted authority), privileges and freedoms that underlie good citizenship. They learn the importance of citizenship through American History as it relates to America's culture and future from the Revolutionary period to the present. They must demonstrate the ability to think logically and communicate effectively, with emphasis on effective oral communication. The program stresses physical fitness in maintaining good health and appearance. The underlying keys to the program are loyalty, trustworthiness, dedication, leadership, discipline and teamwork.	MS311	Army JROTC LET-IV Grades: 11 - 12 Second Semester of: MS 34 Army JROTC LET-IV Difficulty: Average 2 Sem. – 1 Practical Arts/Elective Credit Continue to develop leadership and character traits. As senior cadets the student will assist in instructing the younger cadets while completing a "Self-paced course of instruction." Emphasis will be ethical situations that affect behavior, standards of morality and the decisions that are made in light of these and other factors such as laws/regulations, basic national rights, traditional military values, personal values and institutional pressures.	MS342



Special Teams

Grades: 09 - 12

MS 35 Special Teams

Difficulty: Average 1 Sem. — ½ PE/Practical Arts/Elective Credit
Prerequisites: All students must be enrolled in AJROTC, and be willing to spend time practicing with your assigned team.

An "A" hour program in which cadets can participate in exhibition drill teams. The purpose is to introduce cadets to the teamwork of precision drill to build self-confidence and strengthen self-esteem. Drill is a very positive activity that instills a heightened sense of discipline and leadership. The drill teams consist of Color Guard, Unarmed Drill, Armed Drill, Marksmanship, and Raiders/ Orienteering. Each team also participates in competition primarily within the state of Arizona. Color Guard presents the battalion and national colors at various community activities, competitions, and sporting events. Armed drill performs both regulation and exhibition drill with M-1 rifles at various competitions and community activities. Unarmed Drill performs both regulation and exhibition drill without weapons. Marksmanship competes at various competitions with .177 caliber air-rifles in three different firing positions. The Raiders/Orienteering team focus on land navigation and competes in various competition meets within the state. This is the most physically challenging of all of the extracurricular activities.

Hands only CPR will be taught to fulfill Arizona State Statute requirements.

Advanced Guitar

Grades: 09 - 12

MU 31 Advanced Guitar

Difficulty: Average-High 1 Sem. — 1/2 Fine Arts/Elective Credit
Prerequisites: MU30 or audition. Must have access to classical or acoustic guitar.

MU 31 is a continuation of MU 30. Emphasis is on advanced note reading and rhythms, use of upper positions and solo playing. Individual and group studies are included. Public performance is a possibility. Placement is by teacher recommendation/audition. Course fee required

Advanced Mixed Chamber Ensemble

Grades: 09 - 12

First Semester of:

MU 76 Advanced Mixed Chamber Ensemble

Difficulty: High 2 Sem. — 1 Fine Arts/Elective Credit
Prerequisites: Teacher recommendation/audition

MU 76 is an advanced chamber ensemble for qualified men and women. Students will cultivate their music reading/notation/listening skills, explore music history and appropriate vocal techniques through the performance of various genres of choral music. Singers will participate in 5-8 performances per year, including formal and invitational events. Special concert attire may be worn. Placement is by teacher recommendation/audition. NOTE: Course fee required.

Advanced Mixed Chamber Ensemble

Grades: 09 - 12

Second Semester of:

MU 76 Advanced Mixed Chamber Ensemble

Difficulty: High 2 Sem. — 1 Fine Arts/Elective Credit
Prerequisites: Teacher recommendation/audition

MU 76 is an advanced chamber ensemble for qualified men and women. Students will cultivate their music reading/notation/listening skills, explore music history and appropriate vocal techniques through the performance of various genres of choral music. Singers will participate in 5-8 performances per year, including formal and invitational events. Special concert attire may be worn. Placement is by teacher recommendation/audition. NOTE: Course fee required.

MS35

AP Music Theory

Grades: 09 - 12

MU 33 AP Music Theory

Difficulty: High 2 Sem. — 1 Fine Arts/Elective Credit
Prerequisites: Teacher recommendation

MU 33 is for the serious, advanced music student who wishes to broaden his/her scope in the science and fundamentals of music theory. Included is the study of harmony, music history, conducting, composition and arranging. MU33/AP Music Theory is a weighted class which prepares students for the AP Exam in May. Students must pass the fall semester in order to continue in the spring. Placement is by teacher recommendation. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.

AP Music Theory

Grades: 09 - 12

MU 33 AP Music Theory

Difficulty: High 2 Sem. — 1 Fine Arts/Elective Credit
Prerequisites: Teacher recommendation

MU 33 is for the serious, advanced music student who wishes to broaden his/her scope in the science and fundamentals of music theory. Included is the study of harmony, music history, conducting, composition and arranging. MU33/AP Music Theory is a weighted class which prepares students for the AP Exam in May. Students must pass the fall semester in order to continue in the spring. Placement is by teacher recommendation. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.

BAND

Grades: 07 - 12

Band OCR Place Holder- Not an actual course.

Only used during Online Course Request for Mass Scheduling

Beginning Guitar

Grades: 09 - 12

MU 29 Beginning Guitar

Difficulty: Beginning 1 Sem. — 1/2 Fine Arts/Elective Credit

Prerequisites: Must have access to classical or acoustic guitar

MU 29 introduces the student to the guitar and playing techniques for the instrument. The course, designed for beginners, includes note reading, rhythms and basic guitar skills. Both individual and group studies are included. Public performance is a possibility. Course fee required

CHORUS

Grades: 07 - 12

Chorus OCR Place Holder- Not an actual course

Only used during Online Course Request for Mass Scheduling

DRAMA/THEATER

Grades: 07 - 12

Drama/Theater OCR Place Holder- Not Actual Class

Only used with Online Course Request with Mass Scheduling

Full Symphony Orchestra

Grades: 09 - 12

MU 93 Full Symphony Orchestra

Difficulty: Average-High 2 Sem. — 1/4 Fine Arts/Elective Credit

Prerequisites: Audition/concurrent enrollment in Orchestra or Band
MU 93 provides an opportunity for students who play a string, wind or percussion instrument to perform symphonic literature. A wide range of musical forms and styles are played throughout the year. Special concert attire may be worn. Placement is by teacher recommendation/audition. NOTE: Course fee required.

MU331W

MU332W

SCH10

MU29

SCH11

SCH40

MU93



Intermediate Guitar

MU30

Grades: 09 - 12

MU 30 Intermediate Guitar

Difficulty: Average 1 Sem. – 1/2 Fine Arts/Elective Credit

Prerequisites: MU29 or audition. Must have access to classical or acoustic guitar.

MU 30 is a continuation of MU 29. An entrance audition is required if MU 29 was not taken. Students will study more advanced chords, rhythms, note reading and harmony techniques. Both individual and group studies are included. Public performance is a possibility. Placement is by teacher recommendation/audition. Course fee required

Jazz Band

MU861

Grades: 09 - 12

First Semester of:

MU 86 Jazz Band

Difficulty: High 1 or 2 Sem. – 1/2 or 1 Fine Arts/Elective Credit

Prerequisites: Teacher recommendation/audition

Jazz Band is a performance-oriented class which provides opportunities for the study of improvisation and music in jazz styles.

This ensemble will prepare and perform concerts each semester, some of which may be other than during school hours. Special concert attire may be worn. Placement is by teacher recommendation/audition. NOTE: Course fee required.

Jazz Band

MU862

Grades: 09 - 12

Second Semester of:

MU 86 Jazz Band

Difficulty: High 1 or 2 Sem. – 1/2 or 1 Fine Arts/Elective Credit

Prerequisites: Teacher recommendation/audition

Jazz Band is a performance-oriented class which provides opportunities for the study of improvisation and music in jazz styles.

This ensemble will prepare and perform concerts each semester, some of which may be other than during school hours. Special concert attire may be worn. Placement is by teacher recommendation/audition. NOTE: Course fee required.

Marching Band

MU81

Grades: 09 - 12

MU 81 Marching Band

Difficulty: Average 1 Sem. – 1/4 Fine Arts/1/4 PE/Elective Credit

Prerequisites: Member of band. Placement by teacher recommendation/Audition

Marching Band is an ensemble which performs extensively at sporting events, parades, concerts and competitions. This course requires an extensive time commitment outside of regular school hours. Uniforms or special concert attire may be worn. Placement is by teacher recommendation/audition. NOTE: Course fee required. NOTE: This course may count in lieu of P. E. requirement. Hands only CPR will be taught to fulfill Arizona State Statute requirements.

Stagecraft

PA891

Grades: 09 - 12

First Semester of:

PA 89 Stagecraft

Difficulty: Average 2 Sem. – 1 Fine Arts/Elective Credit

Prerequisites: Theatrical Arts I, which may be taken concurrently with Stagecraft, and teacher approval.

Designed to introduce and acquaint students with technical aspects of the theatre including lighting, sound, scenic design and construction. Course members will constitute the auditorium stage crew. Late afternoon and night work involved. WHS - Stage crew will be selected from the stagecraft class by the instructor.

Stagecraft

PA892

Grades: 09 - 12

Second Semester of:

PA 89 Stagecraft

Difficulty: Average 2 Sem. – 1 Fine Arts/Elective Credit

Prerequisites: Theatrical Arts I, which may be taken concurrently with Stagecraft, and teacher approval.

Designed to introduce and acquaint students with technical aspects of the theatre including lighting, sound, scenic design and construction. Course members will constitute the auditorium stage crew. Late afternoon and night work involved. WHS - Stage crew will be selected from the stagecraft class by the instructor.

AA Interscholastic Athletics (Baseball)

PE50BL1

Grades: 09 - 12

Baseball

Semester 1

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Baseball)

PE50BL2

Grades: 09 - 12

Baseball

Semester 2

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Boys Basketball)

PE50BB1

Grades: 09 - 12

Boys Basketball

Semester 1

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Boys Basketball)

PE50BB2

Grades: 09 - 12

Boys Basketball

Semester 2

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Boys Soccer)

PE50BS1

Grades: 09 - 12

Boys Soccer

Semester 1

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.



AA Interscholastic Athletics (Boys Soccer) PE50BS2

Grades: 09 - 12

Boys Soccer

Semester 2

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Cross Country) PE50CC1

Grades: 09 - 12

Cross Country

Semester 1

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Football) PE50FB1

Grades: 09 - 12

Football

Semester 1

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Football) PE50FB2

Grades: 09 - 12

Football

Semester 2

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Girls Basket) PE50GB1

Grades: 09 - 12

Girls Basketball

Semester 1

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Girls Basket) PE50GB2

Grades: 09 - 12

Girls Basketball

Semester 2

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Girls Soccer) PE50GS1

Grades: 09 - 12

Girls Soccer

Semester 1

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Girls Soccer) PE50GS2

Grades: 09 - 12

Girls Soccer

Semester 2

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Girls Track) PE50GT2

Grades: 09 - 12

Girls Track

Semester 2

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Softball) PE50SB1

Grades: 09 - 12

Softball

Semester 1

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Softball) PE50SB2

Grades: 09 - 12

Softball

Semester 2

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Spiritle) PE50SL1

Grades: 09 - 12

Spirit Line

Semester 1

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Spiritle) PE50SL2

Grades: 09 - 12

Spirit Line

Semester 2

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.

AA Interscholastic Athletics (Wrestling) PE50WR1

Grades: 09 - 12

Wrestling

Semester 1

PE 50 AA Interscholastic Athletics (Sports)

Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit

Prerequisites: Approval of Head Coach

An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.



AA Interscholastic Athletics (Wrestling) Grades: 09 - 12 Wrestling Semester 2 PE 50 AA Interscholastic Athletics (Sports) Difficulty: Average-High 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit Prerequisites: Approval of Head Coach An interscholastic sports program available for those students with a higher skill level and a greater desire for competitive activity.	PE50WR2	Recreational Basketball Grades: 09 - 12 PE 37 Recreational Basketball Difficulty: Average 1 Sem. – 1/2 PE/Elective Credit For students who are not involved in interscholastic high school basketball. Includes these basketball activities: team play, offense and defense fundamentals, drill and games, and officiating.	PE37
Advanced Fitness Grades: 09 - 12 PE 52 Advanced Fitness Difficulty: Average 1 Sem. – 1/2 PE/Elective Credit Prerequisites: "A" or "B" in PE 53 Advanced Fitness includes a combination of advanced aerobic activities and weight training. A combination of aerobic circuit training, running, jump roping, and an intensified and structured weight training program with emphasis on strength and flexibility.	PE52	Stretch & Strength Grades: 09 - 12 PE 82 Stretch & Strength Difficulty: Average 2 Sem. – 1 PE/Elective Credit This course is designed to augment dance and athletic training by increasing flexibility and core strength while focusing on a physical and mental balance. Pilates, yoga and activities are also beneficial to non-dance and athletic students.	PE82
BADMINTON Grades: 09 - 12 Badminton OCR Place Holder- Not actual Course ID Only used for Online Course Request during Mass Scheduling	SCH50	SWIM/DIVE Grades: 07 - 12 Swim/Dive OCR Place Holder- Not Actual Course ID Only used for Online Course Request during Mass Scheduling	SCH63
BOYS TENNIS Grades: 07 - 12 Tennis OCR Place Holder- Not actual Course ID Only used for Online Course Request during Mass Scheduling	SCH64	Weight Training Grades: 09 - 12 PE 76 Weight Training Difficulty: Individualized 1 Sem. – 1/2 PE/Elective Credit Weight training and conditioning for the student or athlete desiring an intensified and structured weight training program with emphasis on various exercises accentuating strength and flexibility. Approved general physical education activities may also be included.	PE76
BOYS VOLLEYBALL Grades: 07 - 12 Boys Volleyball OCR Place Holder- Not Actual Course ID Only used during Online Course Request during Mass Scheduling	SCH54	AP Biology Grades: 10 - 12 *SC 46 AP Biology Difficulty: High 2 Sem. – 1 Science/Elective Credit Prerequisites: SC 49 and SC 71 or SC 81 A very rigorous lab-oriented course which will cover the major topics covered in a freshman college-level course. The class has a high level of difficulty and the student should be prepared to put a considerable amount of time into the course. This course includes topics of human reproduction and evolution. This course may include dissection. Students will take an AP exam in May. See your school counselor if you have a financial hardship. Life Science NOTE: This is a weighted course. Course fee required.	SC461W
GIRLS TENNIS Grades: 07 - 12 Girls Tennis- OCR Place Holder Only used for Online Course Request during Mass Scheduling	SCH68	AP Biology Grades: 10 - 12 *SC 46 AP Biology Difficulty: High 2 Sem. – 1 Science/Elective Credit Prerequisites: SC 49 and SC 71 or SC 81 A very rigorous lab-oriented course which will cover the major topics covered in a freshman college-level course. The class has a high level of difficulty and the student should be prepared to put a considerable amount of time into the course. This course includes topics of human reproduction and evolution. This course may include dissection. Students will take an AP exam in May. See your school counselor if you have a financial hardship. Life Science NOTE: This is a weighted course. Course fee required.	SC462W
GIRLS VOLLEYBALL Grades: 07 - 12 Girls Volleyball OCR Place Holder- Not actual Course ID Only used for Online Course Request during Mass Scheduling	SCH59	AP Chemistry Grades: 10 - 12 *SC 77 AP Chemistry Difficulty: High 2 Sem. – 1 Science Credit Prerequisites: 1 yr Chemistry & Algebra A very rigorous lab-oriented course which covers the major topics presented in a freshman college-level course. A second year course in chemistry intended for those students who are interested in a career in the sciences. Students will take an AP exam in May. See your school counselor if you have a financial hardship. Physical Science NOTE: This is a weighted course.	SC771W
Hip Hop Dance Grades: 09 - 12 PE 74 Hip Hop Dance Fusion Difficulty: Average 1 Sem. – 1/2 PE/Fine Arts/Elective Credit An introduction to basic hip hop style dancing. Each semester provides instruction in basic anatomy, as well as History. Students will also have the opportunity to develop choreography skills.	PE74		
P.E. Activities Grades: 09 - 12 PE 47 P.E. Activities Difficulty: Average 1 or 2 Sem. – 1/2 or 1 PE/Elective Credit Includes a wide variety of activities for various interest levels. Activities include: team sports, individual sports, aerobic activity which are all designed to promote and increase lifetime physical fitness.	PE47		
Pilates Mat Grades: 09 - 12 PE 83 Pilates Mat Difficulty: Average 1 Sem. – 1/2 PE/Elective Credit This course is an exercise program for students that desire increased flexibility, range of motion and strength. Pilates focuses on the muscles in the abdomen, back and hips. Basic anatomy and physiology will be included in the curriculum.	PE83		



AP Chemistry

Grades: 10 - 12

SC772W

Biology

Grades: 09 - 12

SC492

AP Physics I

Grades: 11 - 12

SC791W

*SC 79 AP Physics I

Difficulty: High 2 Sem. – 1 Science/Elective Credit

Prerequisites: MA40 Algebra II (may be taken concurrently)

A very rigorous, fast-paced course patterned after the first semester General Physics courses at ASU and the Maricopa Community Colleges. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.

Second Semester of:

*SC 49 Biology

Difficulty: Average 2 Sem. – 1 Science Credit

Prerequisite: See page 9 of course catalog *

This course of study is designed to cover major areas of cell structure, function and processes, genetics, classification, and ecology.

This course includes the topics of human reproduction and evolution.

NOTE: This course may include dissection, biotechnology concepts and research techniques. Life Science

AP Physics I

Grades: 11 - 12

SC792W

*SC 79 AP Physics I

Difficulty: High 2 Sem. – 1 Science/Elective Credit

Prerequisites: MA40 Algebra II (may be taken concurrently)

A very rigorous, fast-paced course patterned after the first semester General Physics courses at ASU and the Maricopa Community Colleges. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.

Chemistry

Grades: 09 - 12

SC711

First Semester of:

*SC 71 Chemistry

Difficulty: Average 2 Sem. – 1 Science Credit

Prerequisites: MA 27

This course includes the study of the atom, atomic energy, the formation of molecules, the mathematics of chemistry, and related experimental work. The vocabulary of the chemist is emphasized as are correct laboratory procedures and techniques. Physical Science

AP Physics II

Grades: 11 - 12

SC801W

*SC 80 AP Physics II

Difficulty: High 2 Sem. – 1 Science/Elective Credit

Prerequisite SC 79 AP Physics 1 & co-enrollment in MA45 Pre-Calculus or above

A very rigorous, fast-paced course patterned after the second semester General Physics courses at ASU and the Maricopa Community Colleges. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.

Chemistry

Grades: 09 - 12

SC712

Second Semester of:

*SC 71 Chemistry

Difficulty: Average 2 Sem. – 1 Science Credit

Prerequisites: MA 27

This course includes the study of the atom, atomic energy, the formation of molecules, the mathematics of chemistry, and related experimental work. The vocabulary of the chemist is emphasized as are correct laboratory procedures and techniques. Physical Science

AP Physics II

Grades: 11 - 12

SC802W

*SC 80 AP Physics II

Difficulty: High 2 Sem. – 1 Science/Elective Credit

Prerequisite SC 79 AP Physics 1 & co-enrollment in MA45 Pre-Calculus or above

A very rigorous, fast-paced course patterned after the second semester General Physics courses at ASU and the Maricopa Community Colleges. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.

CTE- Plant Science

Grades: 10 - 12

AG511

AG 51 Plant Science

Prerequisite: AG 31

2 Sem. – 1 Additional Science/Practical Arts Credit

This course focuses on plant sciences, specifically with plant production in the greenhouse. Units include plant growth and development, hydroponics, propagation, nutrition, pests, greenhouse management, landscape plant identification, design and installation of irrigation systems,

and equipment maintenance. Students will be required to maintain an SAE. Students will participate in FFA where they will develop skills for leadership and career success. NOTE: Course fee required.

Biology

Grades: 09 - 12

SC491

First Semester of:

*SC 49 Biology

Difficulty: Average 2 Sem. – 1 Science Credit

Prerequisite: See page 9 of course catalog *

This course of study is designed to cover major areas of cell structure, function and processes, genetics, classification, and ecology.

This course includes the topics of human reproduction and evolution.

NOTE: This course may include dissection, biotechnology concepts and research techniques. Life Science

CTE- Plant Science

Grades: 10 - 12

AG512

AG 51 Plant Science

Prerequisite: AG 31

2 Sem. – 1 Additional Science/Practical Arts Credit

This course focuses on plant sciences, specifically with plant production in the greenhouse. Units include plant growth and development, hydroponics, propagation, nutrition, pests, greenhouse management, landscape plant identification, design and installation of irrigation systems,

and equipment maintenance. Students will be required to maintain an SAE. Students will participate in FFA where they will develop skills for leadership and career success. NOTE: Course fee required.



CTE- Scientific Research Methods

SC922W

Grades: 10 - 12

SC 92 Scientific Research Methods

Difficulty: Average-High 2 Sem.—1 Additional Science/Practical Arts Credit

A rigorous, research-intensive course which provides students with the opportunity to conduct authentic scientific research on a competitive level. With support from local scientists and other researchers, students will develop a research topic, conduct experiments and present their results at the state regional science fair in the spring. Successful projects

earn students opportunities for financial and scholarship awards, travel and networking opportunities within the scientific community.

NOTE: It is recommended that this course be taken concurrently with another life or physical science lab course. While this is a rigorous science course, this course does not meet university requirements as a life or physical science content course. NOTE: This is a weighted course.

CTE-Advanced Biotechnology

SC541W

Grades: 10 - 12

SC 54 Advanced Biotechnology

Difficulty: High 2 Sem. — 1 Science/Elective Credit

Prerequisites: SC 48

This course is designed as a continuation of Biotechnology Program. Students will be introduced to the scientific concepts and advanced laboratory research techniques currently used in the field of biotechnology.

Areas of study include proteomics, plant biotechnology (tissue culturing), synthesizing DNA and PCR, human genetics disease, pharmaceutical biotechnology, DNA sequencing and Genomics. NOTE: This is a weighted course. Course fee required.

CTE-Advanced Biotechnology

SC542W

Grades: 10 - 12

SC 54 Advanced Biotechnology

Difficulty: High 2 Sem. — 1 Science/Elective Credit

Prerequisites: SC 48

This course is designed as a continuation of Biotechnology Program. Students will be introduced to the scientific concepts and advanced laboratory research techniques currently used in the field of biotechnology.

Areas of study include proteomics, plant biotechnology (tissue culturing), synthesizing DNA and PCR, human genetics disease, pharmaceutical biotechnology, DNA sequencing and Genomics. NOTE: This is a weighted course. Course fee required.

CTE-Animal Science

AG311

Grades: 10 - 12

First Semester of:

*AG 31 Animal Science

2 Sem. — 1 Science/Practical Arts Credit

Prerequisites: AG 30

This course is designed to introduce students to the fundamentals of animal anatomy, physiology, genetics, reproduction, growth, nutrition, health, and agribusiness principles. Students will work with small and large animals on the land lab. Leadership development is provided through FFA. NOTE: Course fee required.

CTE-Animal Science

AG312

Grades: 10 - 12

Second Semester of:

*AG 31 Animal Science

2 Sem. — 1 Science/Practical Arts Credit

Prerequisites: AG 30

This course is designed to introduce students to the fundamentals of animal anatomy, physiology, genetics, reproduction, growth, nutrition, health, and agribusiness principles. Students will work with small and large animals on the land lab. Leadership development is provided through FFA. NOTE: Course fee required.

CTE-Applied Biological Systems

AG301

Grades: 09 - 12

First Semester of:

*AG 30 Applied Biological Systems

2 Sem. — 1 Biological Science/Practical Arts/Elective Credit

Prerequisites: See page 9 of course catalog*

Major areas of study: cell function and structure, anatomy, nutrition, biological systems in the environment, plant growth, animal growth, food safety and processing, communication and leadership skills. May include dissection. Leadership development is provided through FFA. Fulfills college entrance and district graduation requirements as a lab science and will count toward the scholastic diploma.

CTE-Applied Biological Systems

AG302

Grades: 09 - 12

Second Semester of:

*AG 30 Applied Biological Systems

2 Sem. — 1 Biological Science/Practical Arts/Elective Credit

Prerequisites: See page 9 of course catalog *

Major areas of study: cell function and structure, anatomy, nutrition, biological systems in the environment, plant growth, animal growth, food safety and processing, communication and leadership skills. May include dissection. Leadership development is provided through FFA. Fulfills college entrance and district graduation requirements as a lab science and will count toward the scholastic diploma.

CTE-Biotechnology Concepts and Techni

SC481W

Grades: 10 - 12

*SC 48 Biotechnology Concepts and Techniques/Biotech I

Difficulty: Average-High 2 Sem. — 1 Science/Elective Credit

Prerequisites: SC45, SC49 or AG40 This course introduces students to the exciting field of biotechnology.

Students will be introduced to topics such as biochemistry, DNA structure, gene expression, protein synthesis, recombinant DNA strategies, as well as forensics and bioethics. Students will perform experiments similar to those presently done in modern research settings such as micropipetting, spectrophotometry, electrophoresis, PCR, and cell culturing. This course will also teach students standard laboratory operations, instrumentation and good laboratory safety practices and procedures. NOTE: This is a weighted course. Course fee required.

CTE-Biotechnology Concepts and Techni

SC482W

Grades: 10 - 12

*SC 48 Biotechnology Concepts and Techniques/Biotech I

Difficulty: Average-High 2 Sem. — 1 Science/Elective Credit

Prerequisites: SC45, SC49 or AG40 This course introduces students to the exciting field of biotechnology.

Students will be introduced to topics such as biochemistry, DNA structure, gene expression, protein synthesis, recombinant DNA strategies, as well as forensics and bioethics. Students will perform experiments similar to those presently done in modern research settings such as micropipetting, spectrophotometry, electrophoresis, PCR, and cell culturing. This course will also teach students standard laboratory operations, instrumentation and good laboratory safety practices and procedures. NOTE: This is a weighted course. Course fee required.



CTE-Scientific Research Methods

SC921W

Grades: 10 - 12

SC 92 Scientific Research Methods

Difficulty: Average-High 2 Sem.—1 Additional Science/Practical Arts Credit

A rigorous, research-intensive course which provides students with the opportunity to conduct authentic scientific research on a competitive level. With support from local scientists and other researchers, students will develop a research topic, conduct experiments and present their results at the state regional science fair in the spring. Successful projects

earn students opportunities for financial and scholarship awards, travel and networking opportunities within the scientific community.

NOTE: It is recommended that this course be taken concurrently with another life or physical science lab course. While this is a rigorous science course, this course does not meet university requirements as a life or physical science content course. NOTE: This is a weighted course.

CTE-Veterinary Science

AG351

Grades: 10 - 12

First Semester of:

*AG 35 Veterinary Science

2 Sem. — 1 Science/Practical Arts Credit

Prerequisites: AG 31

This course is designed to develop skills of students with an indepth focus of anatomy and physiology of various animals. Also encompasses the full scope of the technology of animal health and disease, including the sciences and arts of disease prevention, diagnosis, prognosis, and therapy. Leadership development is provided through FFA. NOTE: This course would be recommended for students who are interested in a career in Veterinary Science.

NOTE: Course fee required.

CTE-Veterinary Science

AG352

Grades: 10 - 12

Second Semester of:

*AG 35 Veterinary Science

2 Sem. — 1 Science/Practical Arts Credit

Prerequisites: AG 31

This course is designed to develop skills of students with an indepth focus of anatomy and physiology of various animals. Also encompasses the full scope of the technology of animal health and disease, including the sciences and arts of disease prevention, diagnosis, prognosis, and therapy. Leadership development is provided through FFA. NOTE: This course would be recommended for students who are interested in a career in Veterinary Science.

NOTE: Course fee required.

Earth and Space Science

SC331

Grades: 10 - 12

First Semester of:

*SC 33 Earth and Space Science

Difficulty: Average 2 Sem. — 1 Science Credit

Earth and Space Science is a lab course which explores forces and processes that operate in the universe. Major areas of study will include astronomy, geology, hydrology, meteorology, and environmental issues. Physical Science

Earth and Space Science

SC332

Grades: 10 - 12

Second Semester of:

*SC 33 Earth and Space Science

Difficulty: Average 2 Sem. — 1 Science Credit

Earth and Space Science is a lab course which explores forces and processes that operate in the universe. Major areas of study will include astronomy, geology, hydrology, meteorology, and environmental issues. Physical Science

Ecology of Marine Ecosystems

SC751

Grades: 10 - 12

First Semester of:

SC 75 Ecology of Marine Ecosystems

Difficulty: Average-High 2 Sem. — 1 Science Credit

Prerequisites: SC 49 Biology and SC 71 Chemistry (or higher)

A one year survey of marine ecosystems and environmental problems with an emphasis on computer-based, hands-on laboratory investigations. The class has a high level of difficulty and the students should be prepared to put forth a considerable amount of time into the course. Life Science

Ecology of Marine Ecosystems

SC752

Grades: 10 - 12

Second Semester of:

SC 75 Ecology of Marine Ecosystems

Difficulty: Average-High 2 Sem. — 1 Science Credit

Prerequisites: SC 49 Biology and SC 71 Chemistry (or higher)

A one year survey of marine ecosystems and environmental problems with an emphasis on computer-based, hands-on laboratory investigations. The class has a high level of difficulty and the students should be prepared to put forth a considerable amount of time into the course. Life Science

Environmental Science

SC501

Grades: 10 - 12

First Semester of:

*SC 50 Environmental Science

Difficulty: Average 2 Sem. — 1 Science Credit

This course offers a comprehensive overview of environmental issues. The emphasis will be on: population studies, natural resources, pollution, and current environmental topics. Life/Physical Science

Environmental Science

SC502

Grades: 10 - 12

Second Semester of;

*SC 50 Environmental Science

Difficulty: Average 2 Sem. — 1 Science Credit

This course offers a comprehensive overview of environmental issues. The emphasis will be on: population studies, natural resources, pollution, and current environmental topics. Life/Physical Science

Essential Elements of Science

SC091

Grades: 09 - 12

First Semester of:

*SC 09 Essential Elements of Science

Difficulty: Average 9th Grade = 2 Sem. — 1 Physical Science Credit

SC 09 is the entry level science course for high school and provides the conceptual foundation for the entire MPS high school science curriculum. Students in SC 09 receive instruction and practice in developing and refining scientific skills and methods that are prerequisites for success in subsequent high school science courses. Using mostly chemistry and physics concepts as a framework, students discover and collect evidence that supports the atomic/ molecular theory of matter. These principles lay the groundwork for understanding all biological and chemical relationships. Topics included in this class are scientific processes, the nature and history of science, earth science, basic physics and chemistry. Physical Science. This course is considered an integrated science course in meeting the General Arizona University Entrance Requirements (see page 14 of course catalog).



Essential Elements of Science

SC092

Grades: 09 - 12

Second Semester of:

*SC 09 Essential Elements of Science

Difficulty: Average 9th Grade = 2 Sem. – 1 Physical Science Credit

SC 09 is the entry level science course for high school and provides the conceptual foundation for the entire MPS high school science curriculum. Students in SC 09 receive instruction and practice in developing and refining scientific skills and methods that are prerequisites for success in subsequent high school science courses. Using mostly chemistry and physics concepts as a framework, students discover and collect evidence that supports the atomic/ molecular theory of matter. These principles lay the groundwork for understanding all biological and chemical relationships. Topics included in this class are scientific processes, the nature and history of science, earth science, basic physics and chemistry. Physical Science. This course is considered an integrated science course in meeting the General Arizona University Entrance Requirements (see page 14 of course catalog).

Honors Biology

SC451W

Grades: 09 - 12

SC45W Honors Biology

Difficulty: High 2 Sem. 1 Science Credit

Prerequisites: SC20, MA30 (taken concurrently)

This course is designed as an in-depth study of the principles of the living world. Coursework will provide students with an understanding of the complexity, diversity and interconnectedness of life on earth. Students will explore cellular and molecular biology, genetics and genetic technology, evolution, and ecosystems in a manner that develops higher-level thinking skills while providing real-world applications. Students will be expected to engage in extensive lab work including an independent research project for presentation in the school science fair. This course includes the topic of human reproduction and may include dissections and biotechnology concepts. NOTE: This is a weighted course

Honors Biology

SC452W

Grades: 09 - 12

SC45W Honors Biology

Difficulty: High 2 Sem. 1 Science Credit

Prerequisites: SC20, MA30 (taken concurrently)

This course is designed as an in-depth study of the principles of the living world. Coursework will provide students with an understanding of the complexity, diversity and interconnectedness of life on earth. Students will explore cellular and molecular biology, genetics and genetic technology, evolution, and ecosystems in a manner that develops higher-level thinking skills while providing real-world applications. Students will be expected to engage in extensive lab work including an independent research project for presentation in the school science fair. This course includes the topic of human reproduction and may include dissections and biotechnology concepts. NOTE: This is a weighted course

Honors Chemistry

SC721W

Grades: 09 - 12

*SC 72 Honors Chemistry

Difficulty: High 2 Sem. – 1 Science Credit.

Prerequisites: MA 27 with "B" or better, MA 30

A course in which the unifying principles of chemistry are developed from experimentation. Emphasis upon understanding of principles rather than memorization of facts and descriptions. Extensive use is made of arithmetic, elementary algebra and geometry. Physical Science NOTE: This is a weighted course.

Honors Chemistry

SC722W

Grades: 09 - 12

Human Anatomy and Physiology

SC551

Grades: 10 - 12

First Semester of:

*SC 55 Human Anatomy and Physiology

Difficulty: High 2 Sem. 1 Cr.

Prerequisites: 1 year Biology

A rigorous lab-oriented course providing students a better understanding of their bodies and exposure to health care career opportunities. NOTE: This course involves the detailed study of the human reproductive system. This course will include dissection. Life Science.

Human Anatomy and Physiology

SC552

Grades: 10 - 12

Second Semester of:

*SC 55 Human Anatomy and Physiology

Difficulty: High 2 Sem. 1 Cr.

Prerequisites: 1 year Biology

A rigorous lab-oriented course providing students a better understanding of their bodies and exposure to health care career opportunities. NOTE: This course involves the detailed study of the human reproductive system. This course will include dissection. Life Science.

Algebra Applications

MA381S

Grades: 09 - 12

MA 38 Algebra Applications

Difficulty: Average 2 Sem. – 1 Math Credit

Prerequisites: MA 27 and MA 30

This course extends and applies the concepts of Algebra I and introduces concepts from Algebra II. The curriculum includes the study of linear, quadratic, polynomial, and exponential functions. Data collection and analysis are emphasized and technology is utilized. Projects and math labs, designed to integrate mathematics and science, are used to teach and reinforce concepts. MA 38S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

Algebra Applications

MA382S

Grades: 09 - 12

MA 38 Algebra Applications

Difficulty: Average 2 Sem. – 1 Math Credit

Prerequisites: MA 27 and MA 30

This course extends and applies the concepts of Algebra I and introduces concepts from Algebra II. The curriculum includes the study of linear, quadratic, polynomial, and exponential functions. Data collection and analysis are emphasized and technology is utilized. Projects and math labs, designed to integrate mathematics and science, are used to teach and reinforce concepts. MA 38S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.



Algebra I

Grades: 07 - 12

*MA 27 Algebra I

2 Sem. – 1 Math Credit

Mathematical practices and modeling with mathematics are embedded into standards for algebra to include the study of number and quantity, functions, reasoning with equations and inequalities, and interpreting categorical and quantitative data. Instructional time and learning focuses on three critical areas: (1) Deepen and extend understanding of linear and exponential relationships; (2) Engage in methods for analyzing, solving, and using quadratic functions; and (3) Apply linear models to data that exhibit a linear trend. MA 27S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

Algebra I

Grades: 07 - 12

*MA 27 Algebra I

2 Sem. – 1 Math Credit

Mathematical practices and modeling with mathematics are embedded into standards for algebra to include the study of number and quantity, functions, reasoning with equations and inequalities, and interpreting categorical and quantitative data. Instructional time and learning focuses on three critical areas: (1) Deepen and extend understanding of linear and exponential relationships; (2) Engage in methods for analyzing, solving, and using quadratic functions; and (3) Apply linear models to data that exhibit a linear trend. MA 27S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

Basic Science

Grades: 09 - 12

Course description changed beginning 14-15 school year

PP 57S Basic Science

2 Sem. – 1 Elective Credit

This course provides instruction based on the Arizona State Standards in science. Emphasis will focus on science concepts and content through a hands-on science approach.

Career Exploration

Grades: 09 - 12

Course description changed beginning 14-15 school year

PP 23S Career Exploration

1 or 2 Sem. – 1/2 or 1 Elective Credit

The purpose of career exploration is for students to explore possible career and vocational options to assist students in determining which skills are needed to obtain a position in their field of interest. Areas addressed will include career data based searches, interest inventories and self advocacy. Methods to be incorporated will include guest speakers, hands on activities, technological and personal experiences.

Career Planning Strategies

Grades: 09 - 12

Course Description change beginning 16-17 school year

Career Planning Strategies is a specialized class that provides the students with the skills necessary to understand the realistic expectations of employment. Students will complete vocational assessments such as interest inventories, aptitude assessment and value surveys. In addition, the students will develop self-determination skills, research careers, and identify career expectations.

MA271S

Community Awareness

Grades: 09 - 12

Course description changed beginning 14-15 school year

PP 19S Community Awareness

2 Sem. – 1/2 Elective Credit/Sem.

This course provides instruction in the free enterprise system as it applies to independent living. Emphasis includes instruction in budgeting, cost comparisons, purchasing, making change, determining the cost of items, living costs, determining tax on items, and job wages.

Community Work Experience

Grades: 09 - 12

Course description change beginning with the 16-17 school year

PP 29S Community Work Experience

2 Sem. - 3 Elective Credit

Community Work Experience are specialized full year programs with students obtaining paid employment in the community. Students apply work readiness skills and receive advanced training opportunities through paid employment in the community. Job development and placement is provided in addition to minimal job coach assistance, when necessary. Students are required to attend one hour of daily classroom instruction and will work on average 15 hours per week.

Connected Algebra Applications

Grades: 09 - 12

New course beginning 17-18

MA 38C Connected Algebra Applications

Difficulty: Low 2 Sem. – 1 Math Credit

This course extends and applies the concepts of Connected Algebra I. The curriculum includes the study of linear and exponential functions. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.

Connected Algebra Applications

Grades: 09 - 12

New course beginning 17-18

MA 38C Connected Algebra Applications

Difficulty: Low 2 Sem. – 1 Math Credit

This course extends and applies the concepts of Connected Algebra I. The curriculum includes the study of linear and exponential functions. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.

Connected Algebra I

Grades: 09 - 12

New course beginning 17-18

MA 27C Connected Algebra I

Difficulty: Low 2 Sem. – 1 Math Credit

Mathematical practices and modeling mathematics are embedded into standards for algebra to include the study of number and quantity, functions, reasoning with equations and inequalities, and interpreting categorical and quantitative data. Instructional time and learning focuses on three critical areas: (1) seeing structure in expressions (2) creating equations (3) reasoning with equations. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, instruction will be differentiated to meet the specialized needs of the student.

PP19S

PP29S

MA381C

MA382C

MA271C

PP57S

PP23S

PP21S



Connected Algebra I

Grades: 09 - 12

New course beginning 17-18

MA 27C Connected Algebra I

Difficulty: Low 2 Sem. – 1 Math Credit

Mathematical practices and modeling mathematics are embedded into standards for algebra to include the study of number and quantity, functions, reasoning with equations and inequalities, and interpreting categorical and quantitative data. Instructional time and learning focuses on three critical areas: (1) seeing structure in expressions (2) creating equations (3) reasoning with equations. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, instruction will be differentiated to meet the specialized needs of the student.

MA272C

Connected Geometry

Grades: 09 - 12

New course beginning 17-18

MA 30C Connected Geometry

Difficulty: Low 2 Sem. – 1 Math Credit

Mathematical practices and modeling with mathematics are embedded into standards for geometry to include the study of congruence, similarity, right triangles, and trigonometry, circles, expressing geometric properties with equations, and geometric measurement and dimension. Instructional time and learning focuses on five critical areas: (1) congruence; (2) similarity; (3) connecting algebra and geometry through coordinates; (4) area of circles; (5) applications of probability. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.

MA302C

Connected Freshman Essentials of English

Grades: 09

New course beginning 17-18

EN 19C Connected Freshman Essentials of English

Difficulty: Low 2 Sem. – 1 English Credit

A course in which the curriculum addresses reading literature and informational

text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). Students will engage in evidence

based reading and writing. This course reinforces basic reading and writing skills while teaching the essential skills of Freshman English at a more individualized pace. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.

EN191C

Connected Junior Essentials of English

Grades: 11

New course beginning 17-18

EN 38C Connected Sophomore Essentials of English

Difficulty: Low 2 Sem. – 1 English Credit

A course in which the curriculum addresses reading literature and informational

text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). Students will engage in evidence

based reading and writing. This course reinforces basic reading and writing skills while teaching the essential skills of Sophomore English

at a more individualized pace. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.

EN371C

Connected Freshman Essentials of English

Grades: 09

New course beginning 17-18

EN 19C Connected Freshman Essentials of English

Difficulty: Low 2 Sem. – 1 English Credit

A course in which the curriculum addresses reading literature and informational

text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). Students will engage in evidence

based reading and writing. This course reinforces basic reading and writing skills while teaching the essential skills of Freshman English at a more individualized pace. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.

EN192C

Connected Junior Essentials of English

Grades: 11

New course beginning 17-18

EN 38C Connected Sophomore Essentials of English

Difficulty: Low 2 Sem. – 1 English Credit

A course in which the curriculum addresses reading literature and informational

text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). Students will engage in evidence

based reading and writing. This course reinforces basic reading and writing skills while teaching the essential skills of Sophomore English

at a more individualized pace. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.

EN372C

Connected Geometry

Grades: 09 - 12

New course beginning 17-18

MA 30C Connected Geometry

Difficulty: Low 2 Sem. – 1 Math Credit

Mathematical practices and modeling with mathematics are embedded into standards for geometry to include the study of congruence, similarity, right triangles, and trigonometry, circles, expressing geometric properties with equations, and geometric measurement and dimension. Instructional time and learning focuses on five critical areas: (1) congruence; (2) similarity; (3) connecting algebra and geometry through coordinates; (4) area of circles; (5) applications of probability. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.

MA301C

Connected Personal Finance

Grades: 09 - 12

New course beginning 17-18

MA 35C Connected Personal Finance

Difficulty: Low 2 Sem. – 1 Math Credit

This course introduces students to the basics of financial literacy including

such topics as creating personal financial goals, saving, banking, using debit and credit cards, and making purchases. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.

MA351C



Connected Personal Finance Grades: 09 - 12 New course beginning 17-18 MA 35C Connected Personal Finance Difficulty: Low 2 Sem. – 1 Math Credit This course introduces students to the basics of financial literacy including such topics as creating personal financial goals, saving, banking, using debit and credit cards, and making purchases. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.	MA352C	Connected Reading II Grades: 09 - 12 New course beginning 17-18 Difficulty: Low 2 Sem – 1 English Credit These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.	RD522C
Connected Reading I Grades: 09 - 12 New course beginning 17-18 Difficulty: Low 2 Sem – 1 English Credit These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.	RD511C	Connected Reading III Grades: 09 - 12 New course beginning 17-18 Difficulty: Low 2 Sem – 1 English Credit These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.	RD531C
Connected Reading I Grades: 09 - 12 New course beginning 17-18 Difficulty: Low 2 Sem – 1 English Credit These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.	RD512C	Connected Reading III Grades: 09 - 12 New course beginning 17-18 Difficulty: Low 2 Sem – 1 English Credit These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.	RD532C
Connected Reading II Grades: 09 - 12 New course beginning 17-18 Difficulty: Low 2 Sem – 1 English Credit These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.	RD521C	Connected Reading IV Grades: 09 - 12 New course beginning 17-18 Difficulty: Low 2 Sem – 1 English Credit These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.	RD541C
Connected Reading II Grades: 09 - 12 New course beginning 17-18 Difficulty: Low 2 Sem – 1 English Credit These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.	RD521C	Connected Reading IV Grades: 09 - 12 New course beginning 17-18 Difficulty: Low 2 Sem – 1 English Credit These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.	RD542C



Connected Senior Essentials of English EN291C
Grades: 12

New course beginning 17-18
EN 29C Connected Senior Essentials of English
Difficulty: Low 2 Sem. – 1 English Credit
A course in which the curriculum addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). Students will engage in evidence based reading and writing. This course reinforces basic reading and writing skills while teaching the essential skills of Senior English at a more individualized pace. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.

Connected Senior Essentials of English EN292C
Grades: 12

New course beginning 17-18
EN 29C Connected Senior Essentials of English
Difficulty: Low 2 Sem. – 1 English Credit
A course in which the curriculum addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). Students will engage in evidence based reading and writing. This course reinforces basic reading and writing skills while teaching the essential skills of Senior English at a more individualized pace. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.

Connected Sophomore Essentials of Eng EN381C
Grades: 10

New course beginning 17-18
EN 38C Connected Sophomore Essentials of English
Difficulty: Low 2 Sem. – 1 English Credit
A course in which the curriculum addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). Students will engage in evidence based reading and writing. This course reinforces basic reading and writing skills while teaching the essential skills of Sophomore English at a more individualized pace. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.

Connected Sophomore Essentials of Eng EN382C
Grades: 10

New course beginning 17-18
EN 38C Connected Sophomore Essentials of English
Difficulty: Low 2 Sem. – 1 English Credit
A course in which the curriculum addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). Students will engage in evidence based reading and writing. This course reinforces basic reading and writing skills while teaching the essential skills of Sophomore English at a more individualized pace. Course may be taken only upon teacher approval. Course content will be aligned to Core Content Connectors, and instruction will be differentiated to meet the specialized needs of the student.

Freshman Essentials of English EN191S
Grades: 09

EN 19 Freshman Essentials of English
2 Sem. – 1 English Credit
This course reinforces basic reading and writing skills while teaching the essential skills of Freshman English at a more individualized pace. The curriculum addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). EN 19S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

Freshman Essentials of English EN192S
Grades: 09

EN 19 Freshman Essentials of English
2 Sem. – 1 English Credit
This course reinforces basic reading and writing skills while teaching the essential skills of Freshman English at a more individualized pace. The curriculum addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). EN 19S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

Geometry MA301S
Grades: 07 - 12

*MA 30 Geometry
Prerequisites: MA 27 2 Sem. – 1 Math Credit
Mathematical practices and modeling with mathematics are embedded into standards for geometry to include the study of congruence, similarity, right triangles, and trigonometry, circles, expressing geometric properties with equations, and geometric measurement and dimension. Instructional time and learning focuses on five critical areas: (1) Establishing criteria for congruence of geometric figures based on rigid motions; (2) Establishing criteria for similarity of geometric figures based on dilations and proportional reasoning; (3) Develop understanding of informal explanations of circumference, area, and volume formulas; (4) Proving geometric theorems; and (5) Solve problems involving right triangles. MA 30S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

Geometry MA302S
Grades: 07 - 12

*MA 30 Geometry
Prerequisites: MA 27 2 Sem. – 1 Math Credit
Mathematical practices and modeling with mathematics are embedded into standards for geometry to include the study of congruence, similarity, right triangles, and trigonometry, circles, expressing geometric properties with equations, and geometric measurement and dimension. Instructional time and learning focuses on five critical areas: (1) Establishing criteria for congruence of geometric figures based on rigid motions; (2) Establishing criteria for similarity of geometric figures based on dilations and proportional reasoning; (3) Develop understanding of informal explanations of circumference, area, and volume formulas; (4) Proving geometric theorems; and (5) Solve problems involving right triangles. MA 30S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.



Junior Essentials of English

Grades: 11 - 12

EN 37 Junior Essentials of English
2 Sem. – 1 English Credit

This course reinforces basic reading and writing skills while teaching the essential skills of Junior English at a more individualized pace. The curriculum addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). EN 37S: Course may be taken only upon teacher approval.

Course content and instruction will be differentiated to meet the specialized needs of the student.

Junior Essentials of English

Grades: 10 - 12

EN 37 Junior Essentials of English
2 Sem. – 1 English Credit

This course reinforces basic reading and writing skills while teaching the essential skills of Junior English at a more individualized pace. The curriculum addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). EN 37S: Course may be taken only upon teacher approval.

Course content and instruction will be differentiated to meet the specialized needs of the student.

Life Skills

Grades: 09 - 12

Course Description changed beginning 14-15 school year
PP 51S Life Skills

2 Sem. – 1 Elective Credit

This course provides instruction in activities that increases a student's ability to function with maximum participation possible in their daily life, within present and future environments. Activities may include health and safety, adult living skills (i.e. shopping, interpreting bus schedules, purchasing), meal preparation and planning.

Listening and Speaking and Increased So

Grades: 09 - 12

Course Description changed beginning 14-15 school year
PP 60S Listening/Speaking and Increased Social Skills

2 Sem. – 1 Elective Credit

This course provides instruction based on Arizona State Standards for listening and speaking. Instruction will focus on communication skills needed for maximum participation and independence within the school.

On-The-Job Training

Grades: 09 - 12

Course Description changed beginning 14-15 school year
PP 28S On-The-Job Training

The On the Job Training program is an opportunity for students to earn elective credit while working in a paid or volunteer setting. Students will develop job skills in an actual work setting obtained on campus or in the community. Students apply work readiness skills and receive advanced training to prepare them for post secondary job placement.

EN371S

Personal Finance

Grades: 10 - 12

MA 35 Personal Finance

Difficulty: Average 1-2 Sem. – ½ - 1 Math Credit

Prerequisite: MA 27 and MA 30

This course introduces students to the basics of financial literacy including

such topics as creating personal financial goals, saving and investing, banking, using debit and credit cards, making major purchases, paying payroll and other taxes, and purchasing insurance. By emphasizing the importance of setting goals and creating a financial plan, students learn to think before spending. Students will learn how credit scores can impact one's ability to secure a loan and, in some cases, determine whether they will be hired for a job. Students will also become familiar with some of the reality that faces everyone when they get their first job, their first apartment, or just take on more personal financial responsibilities. MA 35S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

MA351S

EN372S

Personal Finance

Grades: 10 - 12

MA 35 Personal Finance

Difficulty: Average 1-2 Sem. – ½ - 1 Math Credit

Prerequisite: MA 27 and MA 30

This course introduces students to the basics of financial literacy including

such topics as creating personal financial goals, saving and investing, banking, using debit and credit cards, making major purchases, paying payroll and other taxes, and purchasing insurance. By emphasizing the importance of setting goals and creating a financial plan, students learn to think before spending. Students will learn how credit scores can impact one's ability to secure a loan and, in some cases, determine whether they will be hired for a job. Students will also become familiar with some of the reality that faces everyone when they get their first job, their first apartment, or just take on more personal financial responsibilities. MA 35S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

MA352S

PP51S

Reading I

Grades: 09 - 12

Course title and description change to Reading I beginning 17-18

RD51 Reading and Linguistics I

2 Sem. – 1 Elective Credit

These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Students will be placed at the appropriate course level based on need. RD51S, RD52S, RD53S, RD54S, RD55S and RD56S courses may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

RD511S

PP60S

PP28S



Reading I

Grades: 09 - 12

Course title and description change to Reading I beginning 17-18

RD51 Reading and Linguistics I

2 Sem. – 1 Elective Credit

These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Students will be placed at the appropriate course level based on need. RD51S, RD52S, RD53S, RD54S, RD55s and RD56S courses may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

RD512S

Reading III

Grades: 09 - 12

Course title and description change to Reading II beginning 17-18

RD53 Reading and Linguistics III

2 Sem. – 1 Elective Credit

These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Students will be placed at the appropriate course level based on need. RD51S, RD52S, RD53S, RD54S, RD55s and RD56S courses may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

RD532S

Reading II

Grades: 09 - 12

Course title and description change to Reading II beginning 17-18

RD52 Reading and Linguistics II

2 Sem. – 1 Elective Credit

These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Students will be placed at the appropriate course level based on need. RD51S, RD52S, RD53S, RD54S, RD55s and RD56S courses may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

RD521S

Reading IV

Grades: 09 - 12

Course title and description change to Reading II beginning 17-18

RD54 Reading and Linguistics IV

2 Sem. – 1 Elective Credit

These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Students will be placed at the appropriate course level based on need. RD51S, RD52S, RD53S, RD54S, RD55s and RD56S courses may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

RD541S

Reading II

Grades: 09 - 12

Course title and description change to Reading II beginning 17-18

RD52 Reading and Linguistics II

2 Sem. – 1 Elective Credit

These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Students will be placed at the appropriate course level based on need. RD51S, RD52S, RD53S, RD54S, RD55s and RD56S courses may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

RD522S

Reading IV

Grades: 09 - 12

Course title and description change to Reading II beginning 17-18

RD54 Reading and Linguistics IV

2 Sem. – 1 Elective Credit

These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Students will be placed at the appropriate course level based on need. RD51S, RD52S, RD53S, RD54S, RD55s and RD56S courses may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

RD542S

Reading III

Grades: 09 - 12

Course title and description change to Reading II beginning 17-18

RD53 Reading and Linguistics III

2 Sem. – 1 Elective Credit

These courses are designed to meet the literacy needs of the students who require additional support in reading. The classes will focus on improving the student's literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Assessment is required prior to placement in these classes. Students will be placed at the appropriate course level based on need. RD51S, RD52S, RD53S, RD54S, RD55s and RD56S courses may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

RD531S

Secondary Work Experience

Grades: 09 - 12

Course description changed beginning 14-15 school year

PP 36S Secondary Work Experience

1 or 2 Sem. – 1/2 or 1 Elective Credit

SWEP is a vocational course that provides job readiness experience while training on a job site generally within the school or community. Students are in the classroom 1 hour per day and then spend a minimum of 225 minutes per week in a training environment. Students receive credit toward graduation but are not paid for these work experiences. The program can be used as the vocational class prerequisite for OJT.

PP36S



Senior Essentials of English

EN291S

Grades: 12

EN 29 Senior Essentials of English
2 Sem.-1 English Credit

A course in which the curriculum addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). Students will engage in evidence based reading and writing. This course reinforces basic reading and writing skills while teaching the essential skills of Senior English at a more individualized pace. EN 29S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

Senior Essentials of English

EN292S

Grades: 12

EN 29 Senior Essentials of English
2 Sem.-1 English Credit

A course in which the curriculum addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). Students will engage in evidence based reading and writing. This course reinforces basic reading and writing skills while teaching the essential skills of Senior English at a more individualized pace. EN 29S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

Sophomore Essentials of English

EN381S

Grades: 10 - 12

EN 38 Sophomore Essentials of English
2 Sem. - 1 English Credit

This course reinforces basic reading and writing skills while teaching the essential skills of Sophomore English at a more individualized pace. The curriculum addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). EN 38S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

Sophomore Essentials of English

EN382S

Grades: 10 - 12

EN 38 Sophomore Essentials of English
2 Sem. - 1 English Credit

This course reinforces basic reading and writing skills while teaching the essential skills of Sophomore English at a more individualized pace. The curriculum addresses reading literature and informational text, writing, speaking and listening skills, and language concepts (conventions and vocabulary). EN 38S: Course may be taken only upon teacher approval. Course content and instruction will be differentiated to meet the specialized needs of the student.

American History

SS351

Grades: 09 - 12

Course Description/Title changed beginning with the 15-16 school year.
First Semester of:

*SS 35 American History
2 Sem. - 1 Social Studies Credit

This course examines the history of the United States beginning with Pre-Columbian Native cultures of North America continent through contemporary issues affecting the United States today. NOTE: This course meets the high school graduation requirement for American/Arizona History. SS35S: Course may be taken only upon teacher approval. Course content and pace of instruction will be differentiated to meet the specialized needs of the student.

American History

SS352

Grades: 09 - 12

Course Description/Title changed beginning with the 15-16 school year.
Second Semester of:

*SS 35 American History

Difficulty: Average 2 Sem. - 1 Social Studies Credit

This course examines the history of the United States beginning with Pre-Columbian Native cultures of North America continent through contemporary issues affecting the United States today. NOTE: This course meets the high school graduation requirement for American/Arizona History. SS35S: Course may be taken only upon teacher approval. Course content and pace of instruction will be differentiated to meet the specialized needs of the student.

AP Human Geography

SS671W

Grades: 10 - 12

*SS 67 AP Human Geography

Difficulty : High 2 Sem. - 1 Elective Credit

Introduces student to cultural geography through an examination of world, national and local regions with a focus on cultures, population trends and issues, patterns of rural and urban land use, growth and development of cities, and economic development issues. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.

AP Human Geography

SS672W

Grades: 10 - 12

*SS 67 AP Human Geography

Difficulty : High 2 Sem. - 1 Elective Credit

Introduces student to cultural geography through an examination of world, national and local regions with a focus on cultures, population trends and issues, patterns of rural and urban land use, growth and development of cities, and economic development issues. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.

AP Psychology

SS791W

Grades: 10 - 12

*SS 79 AP Psychology

Difficulty: High 2 Sem. - 1 Elective Credit

The purpose of the Advanced Placement Psychology course is to introduce students to the systematic and scientific study of the behavior and mental processes of humans and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their scientific research and practice. Students should be prepared to complete work equivalent to what they would encounter in an introductory college course in psychology. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.

AP Psychology

SS792W

Grades: 10 - 12

*SS 79 AP Psychology

Difficulty: High 2 Sem. - 1 Elective Credit

The purpose of the Advanced Placement Psychology course is to introduce students to the systematic and scientific study of the behavior and mental processes of humans and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their scientific research and practice. Students should be prepared to complete work equivalent to what they would encounter in an introductory college course in psychology. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This is a weighted course.



AP U.S. Govt & AP Macroeconomics

SS551W

Grades: 10 - 12

New course beginning 16-17 school year
SS55 AP U.S. Govt & AP Macroeconomics
Difficulty: High 2 Sem. - 1 Social Studies Credit/Govt/Econ
Prerequisites: 1 Yr American History
This course provides an analytical perspective on government and politics in the United States and a thorough understanding of the principles of economics that apply to the economic system as a whole. It involves the study of general concepts used to interpret U.S. politics, as well as, places particular emphasis on the study of national income, price level determination and develops student's familiarity with economic performance measures, economic growth and international economics. Students will take the AP exam for Government and the AP exam for Macroeconomics in May. See your school academic advisor if you have financial hardship. NOTE: This course meets the high school graduation requirements for Government and Economics. NOTE: This is a weighted course.

AP U.S. Govt & AP Macroeconomics

SS552W

Grades: 10 - 12

New course beginning 16-17 school year
SS55 AP U.S. Govt & AP Macroeconomics
Difficulty: High 2 Sem. - 1 Social Studies Credit/Govt/Econ
Prerequisites: 1 Yr American History
This course provides an analytical perspective on government and politics in the United States and a thorough understanding of the principles of economics that apply to the economic system as a whole. It involves the study of general concepts used to interpret U.S. politics, as well as, places particular emphasis on the study of national income, price level determination and develops student's familiarity with economic performance measures, economic growth and international economics. Students will take the AP exam for Government and the AP exam for Macroeconomics in May. See your school academic advisor if you have financial hardship. NOTE: This course meets the high school graduation requirements for Government and Economics. NOTE: This is a weighted course.

AP US History

SS391W

Grades: 10 - 12

**SS 39 AP United States History
Difficulty: High 2 Sem. - 1 Social Studies Credit
This course is designed to replicate a college-level introductory United States History Survey Course. It will focus on preparing the students to critically analyze both primary and secondary sources, develop a thesis, and support it with concrete historical evidence and stress the understanding of key components contained in America's past. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This course meets graduation requirements for American/Arizona History. NOTE: This is a weighted course.

AP US History

SS392W

Grades: 10 - 12

**SS 39 AP United States History
Difficulty: High 2 Sem. - 1 Social Studies Credit
This course is designed to replicate a college-level introductory United States History Survey Course. It will focus on preparing the students to critically analyze both primary and secondary sources, develop a thesis, and support it with concrete historical evidence and stress the understanding of key components contained in America's past. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This course meets graduation requirements for American/Arizona History. NOTE: This is a weighted course.

AP World History

SS501W

Grades: 09 - 12

*SS 50 AP World History
Difficulty: High 2 Sem. - 1 Social Studies Credit
This course will provide the motivated student with a greater understanding of the evolution of global processes and contacts in different types of human societies through the study of world history. Students will trace the development of cultural, political, social, intellectual, and economic history through several chronological periods including: Ancient Greece and Rome, The Middle Ages, Renaissance, Industrial Revolution, World War I, World War II and the Cold War. Particular attention will be given to the development of college prep skills. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This course meets the graduation requirement for World History. NOTE: This is a weighted course.

AP World History

SS502W

Grades: 09 - 12

*SS 50 AP World History
Difficulty: High 2 Sem. - 1 Social Studies Credit
This course will provide the motivated student with a greater understanding of the evolution of global processes and contacts in different types of human societies through the study of world history. Students will trace the development of cultural, political, social, intellectual, and economic history through several chronological periods including: Ancient Greece and Rome, The Middle Ages, Renaissance, Industrial Revolution, World War I, World War II and the Cold War. Particular attention will be given to the development of college prep skills. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: This course meets the graduation requirement for World History. NOTE: This is a weighted course.

Criminology and the Law

SS69

Grades: 09 - 12

SS 69 Criminology and the Law
Difficulty: Average 1 Sem. - 1/2 Elective Credit
An overview of the nature of criminality including the legal and social remediation of criminal behavior. The emphasis will reflect the roles of the citizenry relative to crime in a democratic society.

Economics Principles and Practices

SS57

Grades: 10 - 12

*SS 57 Principles and Practices of Economics
Difficulty: Average 1 Sem. - 1/2 Social Studies Credit
Prerequisite: 1 year of American History
Familiarizes the student with basic principles of economics, with an emphasis on capitalism and resource allocation. Included are the principles of financial management and career planning. Close attention is given to micro and macro economic applications. NOTE: This course meets the high school graduation requirement for Economics.

Honors World History/Geography

SS281W

Grades: 09 - 12

*SS 28 Honors World History/Geography
2 Sem. - 1 Social Studies Credit
A rigorous course designed for advanced students who would like to combine writing skills with the study of World History and the humanities. This course uses an interrelated chronological approach, and prepares students for college prep courses. The curriculum traces the development of civilizations from early prehistoric people to the present and includes the teaching of geographic concepts. NOTE: This course meets the high school graduation requirement for World History. NOTE: This is a weighted course.



Honors World History/Geography

Grades: 09 - 12

*SS 28 Honors World History/Geography
2 Sem. – 1 Social Studies Credit

A rigorous course designed for advanced students who would like to combine writing skills with the study of World History and the humanities. This course uses an interrelated chronological approach, and prepares students for college prep courses. The curriculum traces the development of civilizations from early prehistoric people to the present and includes the teaching of geographic concepts. NOTE: This course meets the high school graduation requirement for World History. NOTE: This is a weighted course.

Psychology I

Grades: 09 - 12

*SS 76 Psychology I

Difficulty: Average 1 Sem. – 1/2 Elective Credit

The purpose of Psychology I is to develop a curiosity about and appreciation of the extent to which scientific methods can be applied toward understanding human behavior. The course includes a basic introduction to what psychology is, its relationship to learning, personal and social adjustments of the brain and behavior, and behavioral disorders and treatments.

Psychology II

Grades: 09 - 12

*SS 77 Psychology II

Difficulty: Average 1 Sem. – 1/2 Elective Credit

Prerequisites: SS 76

The purpose of the Psychology II course is to expand upon basic concepts introduced in Psychology I and continue the exploration of human behavior in the areas of psychology, developing a healthy personality, human development and social psychology. Students will explore issues related to child and adolescent psychology, states of consciousness, the brain and behavior, psychology of aging, and stereotyping and prejudice.

We The People

Grades: 10 - 12

*SS 59 We the People

Difficulty: High 2 Sem. – 1 Social Studies Credit

Prerequisites: Teacher Recommendation

This course will engage students in a program that develops a more profound understanding of, and appreciation for the fundamental principles and values of our free society. It focuses on the common core of civic values and concepts that are fundamental to the theory and practice of democratic citizenship in the United States. There is an expectation that students will engage in extracurricular competitions. NOTE: This course meets the graduation requirement for Government and Economics. NOTE: This is a weighted course.

We The People

Grades: 10 - 12

*SS 59 We the People

Difficulty: High 2 Sem. – 1 Social Studies Credit

Prerequisites: Teacher Recommendation

This course will engage students in a program that develops a more profound understanding of, and appreciation for the fundamental principles and values of our free society. It focuses on the common core of civic values and concepts that are fundamental to the theory and practice of democratic citizenship in the United States. There is an expectation that students will engage in extracurricular competitions. NOTE: This course meets the graduation requirement for Government and Economics. NOTE: This is a weighted course.

SS282W

World History/Geography

Grades: 09 - 12

Course Activated beginning with the 15-16 school year
World History/Geography

2 Sem. 1 Social Studies Credit

The course traces the development of civilizations from early prehistoric people to the present and includes the teaching of geographic concepts. NOTE: This course meets the high school graduation requirement for World History. SS22S: Course may be taken only upon teacher approval. course content and pace of instruction will be differentiated to meet the specialized needs of the student.

Old Info:

World History/Geography II (Spring)

World History/Geography

Grades: 09 - 12

Course Activated beginning with the 15-16 school year

World History/Geography

2 Sem. 1 Social Studies Credit

The course traces the development of civilizations from early prehistoric people to the present and includes the teaching of geographic concepts. NOTE: This course meets the high school graduation requirement for World History. SS22S: Course may be taken only upon teacher approval. course content and pace of instruction will be differentiated to meet the specialized needs of the student.

SS76

SS77

SS591W

SS592W

SS221

SS222



Driver Education

Grades: 09 - 12

Course Description change beginning 16-17 school year

TS 32 Driver Education

Difficulty: Average 1 Sem. – 1/2 Elective Credit

Grades: 10-12

Fees: Fee is paid through the school bookstore for optional

Behind the Wheel Training - learners permit required

Driver Education is a one-semester course aimed at the development

of the knowledge, skills and attitude necessary for performing

as a competent vehicle operator and highway user.

It is a multi-phase program consisting of classroom instruction,

simulator instruction and on-street instruction. The on-street

instruction is conducted before and after school, on week-ends

and vacation days.

The course is open to all students who will be 15 years and six

months or older by November 1st for the first semester, and April

1st for the second semester. (Normally 10th grade). A learners

permit is required.

The completion of this course, including the optional on-the-street

instruction, may qualify the student for an insurance premium reduction.

The student must earn a "C" or better in all phases to receive

the Certificate of Completion Card upon completion of the course.

As all Mesa high schools' Traffic Safety programs are State

Approved, the course qualifies as one of the methods for the students

to obtain their Drivers License under the State's Graduated

License program. Also, the fee paid for Behind-the-Wheel qualifies

for the extra -curricular State tax credit (ECA).

Old Info-

TS 32 Driver Education

Difficulty: Average 1 Sem. – 1/2 Elective Credit

Grades: 10-12

Fees: Fee is paid through the school bookstore for optional

behind the wheel training

Driver Education is a one-semester course aimed at the development

of the knowledge, skills and attitude necessary for performing

as a competent vehicle operator and highway user.

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License program. Also, the fee paid for Behind-the-Wheel qualifies

for the extra -curricular State tax credit (ECA).

American Sign Language I

Grades: 09 - 12

First Semester of:

*WL 18 American Sign Language I

Difficulty: Average-High 2 Sem. – 1 WL Credit

Students are introduced to basic sign language vocabulary with

emphasis on developing fluency in expressive and receptive signing

and finger spelling. The study of Deaf culture is included.

American Sign Language I

Grades: 09 - 12

Second Semester of:

*WL 18 American Sign Language I

Difficulty: Average-High 2 Sem. – 1 WL Credit

Students are introduced to basic sign language vocabulary with

emphasis on developing fluency in expressive and receptive signing

and finger spelling. The study of Deaf culture is included.

TS32

American Sign Language II

Grades: 10 - 12

First Semester of:

*WL 19 American Sign Language II

Difficulty: Average-High 2 Sem. – 1 WL Credit

Designed for students with continuing interest in Deafness and

ASL. Emphasis is on fluent expressive signing and confident reception

of signs. ASL grammatical structures and idioms are used.

Vocational options in the area of Deafness are presented.

American Sign Language II

Grades: 10 - 12

Second Semester of:

*WL 19 American Sign Language II

Difficulty: Average-High 2 Sem. – 1 WL Credit

Designed for students with continuing interest in Deafness and

ASL. Emphasis is on fluent expressive signing and confident reception

of signs. ASL grammatical structures and idioms are used.

Vocational options in the area of Deafness are presented.

American Sign Language III

Grades: 11 - 12

New course beginning 16-17 school year

WL28 American Sign Language III

Difficulty: Average - High 2 Sem. - 1 WL Credit

This course is designed to provide students with the opportunity to demonstrate better comprehension and expression in American Sign. Advances study of vocabulary, idioms, classifiers, use of space, and grammatical features of American Sign will be included. Students will engage in conversations with native signers, as well as participate in an in-depth study of the Deaf culture. NOTE: This is a weighted course.

American Sign Language III

Grades: 11 - 12

New course beginning 16-17 school year

WL28 American Sign Language III

Difficulty: Average - High 2 Sem. - 1 WL Credit

This course is designed to provide students with the opportunity to demonstrate better comprehension and expression in American Sign. Advances study of vocabulary, idioms, classifiers, use of space, and grammatical features of American Sign will be included. Students will engage in conversations with native signers, as well as participate in an in-depth study of the Deaf culture. NOTE: This is a weighted course.

AP Chinese Language and Culture

Grades: 09 - 12

WL15 AP Chinese Language and Culture

Difficulty: Average-High 2 Sem. – 1 WL Credit

Prerequisites: WL Level III

Expanded language skills are developed, with emphasis on

conversation, discussion, and production of compositions. Appropriate

readings are drawn from a variety of literary sources. Skills necessary

to take the Advanced Placement language test are emphasized.

Appropriate cultural components are studied. Students

will take an AP exam in May. See your school counselor if you have a

financial hardship. NOTE: These are weighted courses.

AP Spanish Language & Culture

Grades: 10 - 12

Difficulty: Average-High 2 Sem. – 1 WL Credit

Prerequisites: WL Level III

Expanded language skills are developed, with emphasis on

conversation, discussion, and production of compositions. Appropriate

readings are drawn from a variety of literary sources. Skills necessary

to take the Advanced Placement language test are emphasized.

Appropriate cultural components are studied. Students will take an AP

exam in May. See your school counselor if you have a financial

hardship. NOTE: These are weighted courses.

WL191

WL192

WL281W

WL282W

WL151W

WL251W

WL181

WL182



AP Spanish Language & Culture

WL252W

Grades: 10 - 12

Difficulty: Average-High 2 Sem. — 1 WL Credit

Prerequisites: WL Level III

Expanded language skills are developed, with emphasis on conversation, discussion, and production of compositions. Appropriate readings are drawn from a variety of literary sources. Skills necessary to take the Advanced Placement language test are emphasized. Appropriate cultural components are studied. Students will take an AP exam in May. See your school counselor if you have a financial hardship. NOTE: These are weighted courses.

French I

WL411

Grades: 09 - 12

First Semester of:

WL41 French I

Difficulty: Average-High 2 Sem. — 1 WL Credit

Prerequisites: Average or above average in English

Introduces students to the basic vocabulary of the language and components of the culture of the countries in which the language is spoken. Prepares students to begin to read, write, speak and understand the language.

French I

WL412

Grades: 09 - 12

Second Semester of:

WL41 French I

Difficulty: Average-High 2 Sem. — 1 WL Credit

Prerequisites: Average or above average in English

Introduces students to the basic vocabulary of the language and components of the culture of the countries in which the language is spoken. Prepares students to begin to read, write, speak and understand the language.

French II

WL421

Grades: 09 - 12

First Semester of:

WL42 French II

Difficulty: Average-High 2 Sem. — 1 WL Credit

Prerequisites: WL Level I proficient

Features application of language skills in reading, writing, and conversation. Level I skills are reviewed and maintained. Appropriate cultural components are studied.

French II

WL422

Grades: 09 - 12

Second Semester of:

WL42 French II

Difficulty: Average-High 2 Sem. — 1 WL Credit

Prerequisites: WL Level I proficient

Features application of language skills in reading, writing, and conversation. Level I skills are reviewed and maintained. Appropriate cultural components are studied.

French III

WL431W

Grades: 09 - 12

WL 43 French III

Difficulty: Average-High 2 Sem. — 1 WL Credit

Prerequisites: WL Level II

Students develop and demonstrate language skills in more advanced forms of written and oral expression. Appropriate cultural components are studied. NOTE: These are weighted courses.

French III

WL432W

Grades: 09 - 12

WL 43 French III

Difficulty: Average-High 2 Sem. — 1 WL Credit

Prerequisites: WL Level II

Students develop and demonstrate language skills in more advanced forms of written and oral expression. Appropriate cultural components are studied. NOTE: These are weighted courses.

Mandarin Chinese I

WL111

Grades: 09 - 12

First Semester of:

Mandarin Chinese I

Difficulty: Average-High 2 Sem. — 1 WL Credit

Prerequisites: Average or above average in English

Introduces students to the basic vocabulary of the language and components of the culture of the countries in which the language is spoken. Prepares students to begin to read, write, speak and understand the language.

Mandarin Chinese II

WL121

Grades: 09 - 12

First Semester of:

WL 12 Mandarin Chinese II

Difficulty: Average-High 2 Sem. — 1 WL Credit

Prerequisites: WL Level I proficient

Features application of language skills in reading, writing, and conversation. Level I skills are reviewed and maintained. Appropriate cultural components are studied.

Mandarin Chinese II

WL122

Grades: 09 - 12

Second Semester of:

WL 12 Mandarin Chinese II

Difficulty: Average-High 2 Sem. — 1 WL Credit

Prerequisites: WL Level I proficient

Features application of language skills in reading, writing, and conversation. Level I skills are reviewed and maintained. Appropriate cultural components are studied.

Mandarin Chinese III

WL131W

Grades: 09 - 12

WL13 Mandarin Chinese III

Difficulty: Average-High 2 Sem. — 1 WL Credit

Prerequisites: WL Level II proficient

Students develop and demonstrate language skills in more advanced forms of written and oral expression. Appropriate cultural components are studied. NOTE: These are weighted courses.

Mandarin Chinese III

WL132W

Grades: 09 - 12

WL13 Mandarin Chinese III

Difficulty: Average-High 2 Sem. — 1 WL Credit

Prerequisites: WL Level II proficient

Students develop and demonstrate language skills in more advanced forms of written and oral expression. Appropriate cultural components are studied. NOTE: These are weighted courses.

Spanish for Spanish Speakers I

WL811

Grades: 09 - 12

First Semester of:

*WL 81 Spanish for Spanish Speakers I

Difficulty: Average-High 2 Sem. — 1 Elective/WL Credit

Designed for, but not limited to ELL and bilingual Spanish/English students, this literature-based class focuses on reading and writing skills in Spanish while exploring and improving comprehension of literary works. WL 81 emphasizes the writing process, vocabulary enrichment, grammar, and usage skills.



Spanish for Spanish Speakers I

WL812

Grades: 09 - 12

Second Semester of:

*WL 81 Spanish for Spanish Speakers I

Difficulty: Average-High 2 Sem. – 1 Elective/WL Credit

Designed for, but not limited to ELL and bilingual Spanish/English students, this literature-based class focuses on reading and writing skills in Spanish while exploring and improving comprehension of literary works. WL 81 emphasizes the writing process, vocabulary enrichment, grammar, and usage skills.

Spanish I

WL211

Grades: 09 - 12

First Semester of:

WL21 Spanish I

Difficulty: Average-High 2 Sem. – 1 WL Credit

Prerequisites: Average or above average in English

Introduces students to the basic vocabulary of the language and components of the culture of the countries in which the language is spoken. Prepares students to begin to read, write, speak and understand the language.

Spanish I

WL212

Grades: 09 - 12

Second Semester of:

WL21 Spanish I

Difficulty: Average-High 2 Sem. – 1 WL Credit

Prerequisites: Average or above average in English

Introduces students to the basic vocabulary of the language and components of the culture of the countries in which the language is spoken. Prepares students to begin to read, write, speak and understand the language.

Spanish II

WL221

Grades: 09 - 12

First Semester of:

WL22 Spanish II

Difficulty: Average - High 2 Sem. 1 Cr.

Prerequisites: WL Level I proficient

Features application of language skills in reading, writing, and conversation. Level I skills are reviewed and maintained. Appropriate cultural components are studied.

Spanish II

WL222

Grades: 09 - 12

Second Semester of:

WL22 Spanish II

Difficulty: Average - High 2 Sem. 1 Cr.

Prerequisites: WL Level I proficient

Features application of language skills in reading, writing, and conversation. Level I skills are reviewed and maintained. Appropriate cultural components are studied.

Spanish III

WL231W

Grades: 09 - 12

WL 23 Spanish III

Difficulty: Average-High 2 Sem. – 1 WL Credit

Prerequisites: WL Level II

Students develop and demonstrate language skills in more advanced forms of written and oral expression. Appropriate cultural components are studied. NOTE: These are weighted courses.

Spanish III

WL232W

Grades: 09 - 12

WL 23 Spanish III

Difficulty: Average-High 2 Sem. – 1 WL Credit

Prerequisites: WL Level II

Students develop and demonstrate language skills in more advanced forms of written and oral expression. Appropriate cultural components are studied. NOTE: These are weighted courses.