

## ELECTIVE COURSE DESCRIPTIONS

### CAREER PATHWAY: ARTS & COMMUNICATIONS

#### Dance (UC/CSU approved)

**See description under Physical Education**

#### Art (UC/CSU approved)

**Prerequisite: None**

Fundamentals of art including drawing, painting, color theory and design. Small fee involved for materials.

#### Ceramics (UC/CSU approved)

**Prerequisite: None**

Basic clay construction techniques and fundamentals of three dimensional design and color application. Small fee involved for materials.

#### Ceramics II (UC/CSU approved)

**Prerequisite: 3D Design or teacher approval**

Advanced projects in clay construction techniques including use of the potter's wheel, firing and glazing techniques. Small fee involved for materials

#### Digital Graphic Design (ROP) (UC/CSU approved)

**Prerequisite: Recommended passing grade in Art, or teacher approval**

Creation of graphic arts using the computer, multimedia, software applications and digital tools.

#### Advanced Digital Art/Video (UC/CSU approved)

**Prerequisite: Digital Graphic Design**

Instruction in theoretical and technical skills of advanced digital art and multimedia applications. Students will create computerized fine art and/or commercial art using various software applications.

#### Photo Media I (UC/CSU approved)

**Prerequisite: None**

Explores the basic skills of photography. Involves the study of cameras, black and white film, photo development, print finishing techniques, photo composition concepts and safety rules for photography. Small fee involved for film and developing/printing materials. Also a Visual and Performing Art

#### Commercial Photography I (ROP) (UC/CSU approved)

**Prerequisite None**

Expanded exploration of photo skills, including introduction to studio portraiture and color photography. Development of a higher level of creativity, expression and employable skills, including the use of technology. Small fee involved for film and developing/printing materials. Also a Visual and Performing Art

#### Visual Arts, Standard Level (IB) (UC/CSU approved) **Prerequisite: IB Diploma Program**

Survey course in world art history which includes research work and studio work. Covers art appreciation, history, and self-expression through creating art projects. Small fee for materials may be involved

**Visual Arts, Higher Level (IB) (UC/CSU approved)      Prerequisite: IB Diploma Program**

Artistic understanding and expression is learned through drawing, painting, collage, photography, sculpture and computer graphics or video. Studio work is emphasized. Second year requires sixteen pieces for exhibition at one person shows.

**AP\* Studio Art 2-D Design (UC/CSU approved)      Prerequisite: Art 1**

**AP\* Studio Art 3-D Design (UC/CSU approved)      Prerequisite: Art 1**

**AP\* Studio Art Drawing (UC/CSU approved)      Prerequisite: Art 1**

The AP Studio Art is designed for students who are seriously interested in the practical experience of art. AP Studio Art is based on students deeply exploring the theory and practice of various forms of art. Students submit portfolios for evaluation at the end of the school year. *\*This is an introductory university-level course, and requires an end-of-year exam.*

**Marching Band (UC/CSU approved)      Prerequisite: Musicians with ability**

Noble Regiment. Participation in half-time shows and various competitions is required. Meets PE requirement for graduation. Must maintain a 2.0 grade point average for continuous participation.

**Color Guard/Drill Team      Prerequisite: Tryouts required**

Tall flag and rifle team. Auxiliary to Marching Band, requirements for participation are the same. Meets PE requirement for graduation. Must maintain a 2.0 grade point average for continuous participation.

**Jazz Band (UC/CSU approved)      Prerequisite: Teacher approval**

Advanced instrumental musicians read and prepare jazz literature/music for performance. Participation in outside performances is required.

**Percussion Ensemble (UC/CSU approved) Prerequisite: Teacher approval**

Advanced percussionists work as individuals or in small groups. This course encompasses standard solo and ensemble repertoire. Participation in outside performances is required. Meets PE requirement for graduation. Must maintain a 2.0 grade point average for continuous participation.

**Orchestra (UC/CSU approved)      Prerequisite: None**

This is a beginning strings class that teaches fundamentals of technique and music for orchestra. Winter and Spring show participation is required.

**Nogales Singers (UC/CSU approved)      Prerequisite: Interest for singing**

Beginning choir class for girls with limited or no singing experience.

**Treble Singers (UC/CSU approved)      Prerequisite: Teacher approval/audition**

Intermediate choir for girls who sing in the alto and soprano range. Students will learn intensive skills involved in singing, performance and preparation for festivals and competitions. Fee may be involved for costumes. Must maintain a 2.0 grade point average for continuous participation.

**Chamber Singers (UC/CSU approved) Prerequisite: Teacher approval/audition**

Advanced mixed choir (boys and girls) that performs many styles of music from classical, pop, jazz and show choir. Students learn intensive skills involved in singing, dancing and performance in preparation for competitions and festivals. Must maintain a 2.0 grade point average for continuous participation.

**Beginning Theatre (UC/ CSU approved) Prerequisite: None**

Students will learn how to work comfortably in front of an audience, follow stage directions and become familiar with theater terms and productions.

**Inter. Theatre (UC/CSU approved) Prerequisite: Beginning Theatre or teacher approval**

Builds on knowledge learned in Beginning Theatre in addition to learning aspects of theatre production, including acting, play writing, technology, directing and design.

**Advanced Theatre (UC/CSU approved) Prerequisite: Beg. or Int Theatre, or teacher approval**

Continued knowledge building, demonstration, and participation in all aspects of theater production.

**Yearbook Prerequisite: Teacher approval**

Production of the school yearbook, including factual reporting, layout design and photo journalism

**Journalism (UC/CSU approved) Prerequisite: Teacher approval**

Production of the school newspaper, the SCROLL. Must demonstrate above average writing ability and creative thinking.

**Senior Seminar – Arts and Communications (UC/CSU approved)**

**Prerequisite: Must be a part of the Arts and Comm. Certification Program. B average in core classes**

Student prepare for their internships and completion of their portfolios. Students will enhance skills and knowledge through research related to a selected career pathway in Arts and Communications.

**CAREER PATHWAY: BUSINESS**

**Computer Applications/Technology Prerequisite: None**

Use of Microsoft Office to develop skills in word processing, database, power point and Excel. Meets graduation requirement for Technology Proficiency. Beginning business oriented application class.

**JOBS Prerequisite: None**

Introductory business course designed to offer experience in a variety of business and personal skills required for today's entry-level jobs. This is a no-homework class.

**Business Foundations Prerequisite: Computer Applications**

A more advanced class that builds on the business skills learned in Computer App plus more specific "resume-building" skills that are needed for employment. This is a no-homework class.

**Accounting (UC/CSU approved)**

**Prerequisite: 10-12 grade, C or better in Alg. I**

The practice of accounting methods and procedures used currently by industry. Students will learn the rules that businesses follow in order to keep track of money earned, spent and saved.

**Adv. Accounting (UC/CSU approved)**

**Prerequisite: Accounting**

The second year of accounting which emphasizes computerized accounting.

**Senior Seminar – Business Certificate (UC/CSU approved)**

**Prerequisite: Must be part of the Business Certification Program. B average in core classes**

Students prepare for their internships and the completion of their portfolios. Students will enhance skills previously learned through advanced practical business applications in a realistic office setting.

**CAREER PATHWAY: FAMILY AND CONSUMER SCIENCE**

**Foods and Nutrition**

**Prerequisite: None**

Planning and preparation of meals, including budget, storage, entertaining and use and care of kitchen equipment. Prerequisite to Gourmet and International Foods. Small fee required.

**Gourmet and International Foods**

**Prerequisite: Foods and Nutrition**

Students will plan, prepare and evaluate international foods for their personal meals or for future occupational plans. The special dietary needs of athletes, the elderly, children, vegetarians and those in weight loss programs etc. will be covered. Small fee required.

**CAREER PATHWAY: HEALTH AND MEDICAL SERVICES**

**Psychology (UC/CSU approved)**

**Prerequisite: 10-12 grades**

The study of individual human behavior. Topics will cover an array of psychological theories regarding the workings of the mind and the body. Also falls under Public and Human Services.

**AP Psychology (UC/CSU approved)**

**Prerequisite: 10-12 grades**

Introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students will take the Advanced Placement test for possible college credit. Also falls under Public and Human Services

**IB Psychology (UC/CSU approved)**

**Prerequisite: IB DIPLOMA PROGRAM**

See description above. For the IB Diploma student. Also falls under Public and Human Services

**Forensic Science (ROP)**

**Prerequisite: None**

Introduction to all aspects of crime scene investigation, evidence collecting and fingerprinting. Also falls under Public and Human Services

**Medical Core (ROP) (UC/CSU approved) Prerequisite: None**

Basic principles of medical science, terminology and vocabulary needed to work in the healthcare field

### **Medical Assistant Front/Back Office (ROP)**

**Prerequisite: Medical Core, can be taken concurrently**

Prepares students for employment in a physician's or other healthcare office

### **Sports Health (ROP)**

**Prerequisite: 10-12 grade, Medical Core or teacher approval**

Provides training in sports medicine, medical terminology and athletic injuries and their evaluation, treatment and rehabilitation.

### **Senior Seminar – Health and Medical Services (UC/CSU approved)**

**Prerequisite: Must be a part of the Health and Medical Certification Program. B average in core classes**

Student prepare for their internships and completion of their portfolios. Students will enhance skills and knowledge through research related to a selected career pathway in Health and Medical Services

## **CAREER PATHWAY: PUBLIC AND HUMAN SERVICES**

### **Leadership**

**Prerequisite: Teacher approval**

Students are required to organize, implement and oversee all ASB student-related activities.

### **Library Assistant**

**Prerequisite: Teacher approval**

Under the direct supervision of the school Librarian students will follow prescribed curriculum based on various aspects of library science.

### **Criminal Justice (ROP) (UC/CSU approved)**      **Prerequisite: None**

Introduction to law enforcement occupations street law, penal codes and court procedures.

## **CAREER PATHWAY: TECHNOLOGY**

### **Auto I**

**Prerequisite: None**

Basic understanding of cars, their parts and how they work.

### **Auto Repair and Tune-up (ROP)**

**Prerequisite: Auto I or Teacher Approval**

Technical knowledge and skills will be developed in engine rebuilding, tune-up and diagnosis, brakes, electrical, fuel systems and emission controls.

### **Pre-Engineering (ROP) (UC/CSU approved)**      **Prerequisite: None**

Introduction to manufacturing technology, electronics and aerospace technology.

### **Robotics (ROP) (UC/CSU approved)**

**Prerequisite: NOGALES TECH ACADEMY, or approval**

Provides students with classroom and laboratory experience in current and emerging robotics technology.

### **Advanced/Competitive Robotics (ROP)**

**Prerequisite: NOGALES TECH ACADEMY, or approval** Students design and build a mobile robot to play a sport-like game. Students will learn key STEM principles, and robotics concepts. At the culmination of this class, students will compete head-to-head against their peers in the classroom, or on the world stage in the VEX Robotics Competition.

**AP\* Computer Science Principles (UC/CSU approved)**

**Prerequisite: NOGALES TECH ACADEMY, or approval**

Development of computer programs to solve problems with an emphasis in the design of programs that are understandable, adaptable and reusable. *\*This is an introductory university-level course, and requires an end-of-year exam.*

**Senior Seminar – Industrial Technology (UC/CSU approved)**

**Prerequisite: Must be a part of the Industrial Tech Certification Program. B average in core classes**

Students prepare for their internships and completion of their portfolios. Students will enhance skills and knowledge through research related to a selected career pathway in Industrial Technology.

**WORLD LANGUAGES - All courses listed below are UC/CSU approved**

**Spanish I**

**Prerequisite: None**

The first year covers the basic elements of reading, writing, speaking and understanding the language. It also covers basic vocabulary, grammar and the understanding of the culture.

**Spanish 2**

**Prerequisite: Spanish I or teacher recommendation**

The second year focuses on conversation, vocabulary and structures. Cultures are further explored. The class is conducted in Spanish as much as possible.

**Spanish A. B**

**Prerequisite: Native speaker or teacher recommendation**

This class is for students who speak Spanish fluently. It emphasizes speaking, reading and writing in Spanish with all instruction presented in Spanish. Student is eligible for Spanish 3 with successful completion.

**Spanish 3**

**Prerequisite: Spanish 2 or AB**

Advanced vocabulary and reading/writing skills. Composition, reading and oral comprehension are stressed. Latin American history and culture are further explored.

**AP\* Spanish Language/IB Spanish SL** **Prerequisite: Spanish 3 or teacher approval**

Emphasis on polishing skills in the areas of reading comprehension, oral comprehension, vocabulary building, composition and oral description. Students will be prepared to take the AP Spanish Language test. The class is taught entirely in Spanish. *\*This is an introductory university-level course, and requires an end-of-year exam.*

**AP\* Spanish Literature/IB Spanish HL** **Prerequisite: AP Spanish Language teacher approval**

Advanced language class in Spanish Literature that requires students to have a strong background in Spanish. Expands and reinforces Spanish language structures. Student will be prepared to take the AP Spanish Literature test. *\*This is an introductory university-level course, and requires an end-of-year exam.*

**French I****Prerequisite: None**

The first year covers the basic elements of reading, writing, speaking and understanding the language. It also covers basic vocabulary, grammar and the understanding of the culture.

**French 2****Prerequisite: French I or teacher approval**

The second year focuses on conversation, vocabulary and structures. Cultures are further explored. Development of reading, writing, speaking and listening skills.

**French 3****Prerequisite: French 2 or teacher approval**

Stresses reading, writing, speaking and listening skills at an intermediate level. Covers complex structures and vocabulary. **IB French Language**

**Prerequisite: IB Coordinator Approval**

4<sup>th</sup> year French

**Pilipino I****Prerequisite: None**

The first year covers the basic elements of reading, writing, speaking and understanding the language. It also covers basic vocabulary, grammar and the understanding of the culture.

**Pilipino 2****Prerequisite: Pilipino I or teacher approval**

The second year focuses on conversation, vocabulary and structures. Cultures are further explored. Development of reading, writing, speaking and listening skills. The class is conducted primarily in Pilipino.

**PHYSICAL EDUCATION****Dance (UC/CSU approved)****Prerequisite: 10-12 grade or teacher approval**

Study of movement and expression through various dance genres. Includes choreography, individual and group presentations. Meets PE requirement for graduation.

**Weight Training: (BOYS)****Prerequisite: 10-12 grade, passing grade in PE 9**

A class in weightlifting, body conditioning and cardio-vascular workouts. Proper technique and safety in the weight room is stressed. May be repeated for credit.

**Conditioning (GIRLS)****Prerequisite: 10-12 grade, passing grade in PE 9**

A class in weightlifting, body conditioning and cardio-vascular workouts. Proper technique and safety in the weight room is stressed. May be repeated for credit.

**PEP****Prerequisite: Tryouts required**

The Nogales Cheer Squad. Performances at various sporting events, assemblies and competitions are required. Fee involved for uniforms and other necessary materials. Must maintain a 2.0 grade point average for continuous participation.

## **NON-DEPARTMENTAL**

### **AVID (Advancement Via Individual Determination)**

**Prerequisite: Teacher approval, acceptance into AVID program, 9-10 grades**

A program designed to prepare students for four-year university right out of high school. Must maintain a 2.0 grade point average in college prep and other rigorous courses. Meets Technology Proficiency requirements for graduation

### **AVID Seminar (UC/CSU approved)**

**Prerequisite: Teacher approval, 11-12 grades** A program designed to prepare students for four-year university right out of high school. Must maintain a 2.0 grade point average in college prep and other rigorous courses. Meets Technology Proficiency requirements for graduation. Open only to students who have previously been in AVID for at least a year.

### **Office Experience**

**Prerequisite: Administrative approval**

Students will work in the Administration Offices and will perform a variety of tasks including clerical, duplicating, filing, greeting the public, etc. This is a position of trust so students must be on line to graduation and have no discipline or attendance issues.