



Career and Technical Education



The Tucson High Career and Technical Education (CTE) programs are part of the Pima County Joint Technological Education District (JTED). These programs are two-to-four year career *preparation* programs. Four programs are offered off-site and have special requirements for enrollment. A few programs are available at other high schools.

Programs are offered in most of the 14 career clusters that will help students discover exciting career paths. The current career area offerings within the clusters are: *Accounting & Related Services; Allied Health Services; Audiovisual Technology; Automotive Technologies; Biomedical Health, Technologies; Business, Management and Administrative Services; Engineering Sciences; Financial Services; Graphic Communications; Industrial Manufacturing; Information Technology; Marketing, Management & Entrepreneurship; Performing Arts and Welding Technology.*

In addition, several programs offer internships, apprenticeships or service learning opportunities (by instructor recommendation) which allow students to experience professions first hand. Internship, apprenticeship or service learning programs are individually crafted, paid or unpaid experiences aligned with student interest and abilities, allowing students to experience the value of work, develop pride in work and mature personally.

Arizona Tech Prep



Some programs are part of the Pima/Santa Cruz County Tech Prep Program. Through the Tech Prep Program, a class can be either *articulated* (students receive Pima College credit for their class if they earn an “A” or “B” both semesters in their high school class) or Dual enrollment (students receive on their Pima College transcript whatever grade they earn in the high school class). Students interested in college credit should check with the program instructor for current availability. For questions, contact Karen Wilsey, Tucson High Site Coordinator at 225-5102.

Program questions?

Tucson High CTE Site Coordinator: Laura Gallego 225-5343

Program Descriptions/Course Codes

Required for all Tucson High Freshman Students

BMAS (Tech Apps for Business): Business Technology is part of the Freshman House Program. Technology is utilized so the incoming Freshman understands and is able to apply computer software to present and future projects and assignments. Students identify a career choice and create an electronic portfolio. Teachers incorporate AIMS standards into the curriculum. This freshman course teaches correct operation of the computer keyboard, use of Microsoft Office software, career and employability skills, exploration, team work, problem solving and critical thinking. Enrollment in other Business Management, Marketing, or Finance courses is encouraged for the student who successfully completes this course.

Course Code: **02221/02223** **Tech Apps for Business**

OTHER CAREER & TECHNICAL EDUCATION COURSES FRESHMEN CAN TAKE **(See program descriptions below)**

Accounting & Related Services
Allied Health Services
Audiovisual Technology
Automotive 1, 2
Biomedical Health Technology
Business Mgmt & Administrative Services
Engineering Sciences

Financial Services
Graphic Communications 1, 2
Industrial Manufacturing
Information Technology
Performing Arts
Precision Metals Mfg 1, 2
Welding Design & Fabrication 1, 2

Career Preparation Options

Seniors may only take a beginning course if there is space available after freshmen, sophomores and juniors have registered.

Freshmen – Senior Career Preparation Options

Accounting & Related Services

The Accounting courses are designed to teach students to keep basic financial records for several types of businesses as well as make personal money management decisions. In advance courses, students will work independently on advanced theory and applications and will explore the stock market in-depth. Students can earn Pima Community College articulated credit by receiving an "A" or "B" each semester. 

Course Code: **02411/02412** **Accounting 1, 2** Grades: **9, 10, & 11**
Course Code: **02611/02612** **Advance Accounting 1, 2** Grades: **10, 11 & 12** (Requires successful completion of 1, 2)
Course Code: **09589/09590** **Accounting Internship 1, 2** Grade: **12** (By instructor recommendation)

Allied Health Services

This program introduces the student to The Allied Health care profession of Athletic Training. Students gain skills and knowledge that may assist them in seeking a career in the Sports Medicine field. Students registered in the "hands on" Sports Med Lab, will experience the athletic training profession first hand.


Course Code: **08411/08412** **Sports Med/Athletic Training 1, 2** Grades: **9, 10, & 11**
Course Code: **09378/09379** **Sports Med Lab 1, 2** Grades: **10, 11 & 12** (Requires successful completion of 1, 2)
Course Code: **09507/09508** **Allied Health Internship 1, 2** Grade: **12** (By instructor recommendation)

Audiovisual Technology

This course introduces students to both television and film production utilizing hands on experiences. Students write, produce, direct, and perform in: short films, news, commercials and documentary videos. The study and critique of popular television, as well as, the film industry, remains integral to the completion of this course.


Course Code: **09211/09212** **Digital Media 1, 2** Grades: **9, 10, & 11**
Course Code: **09215/09216** **Digital Media 3, 4** Grades: **10, 11 & 12** (Requires successful completion of 1, 2)
Course Code: **09217/09218** **Digital Media 5, 6** Grades: **11 & 12** (Requires successful completion of 3, 4)
Course Code: **09499/09500** **AV Tech Internship 1, 2** Grade: **12** (By instructor recommendation)

Automotive Technologies

Students in the Automotive Technology courses will gain experiences in automotive maintenance and repair. Students in the Automotive Collision & Repair courses will be introduced to the auto collision industry using the industry indorsed curriculum I-CAR, manufacturing recommendations and industry standards as guides. Approximately two-thirds of class time is spent in actual shop work in the advance levels. Students must furnish suitable work clothing and safety glasses. 


Course Code: **09027/09028** **Automotive Technology 1, 2** Grades: **9, 10, & 11**
Course Code: **09029/09030** **Automotive Technology 3, 4** Grades: **11, & 12** (Requires successful completion of 1, 2)
Course Code: **09031/09032** **Automotive Technology 5, 6** Grades: **11, & 12** (Requires successful completion of 3, 4)
Course Code: **09033/09034** **Automotive Technology 7, 8** Grades: **11, & 12** (Requires successful completion of 5, 6)
Course Code: **09509/09510** **Auto Technology Internship 1, 2** Grade: **12** (By instructor recommendation)
Course Code: **09245/09246** **Auto Collision Repair 1, 2** Grades: **9, 10, & 11**
Course Code: **09247/09248** **Auto Collision Repair 3, 4** Grades: **10, 11, & 12** (Requires successful completion of 1, 2)
Course Code: **09249/09250** **Auto Collision Repair 5, 6** Grades: **11, & 12** (Requires successful completion of 3, 4)

Biomedical Health, Technologies

The Biomed Health course is designed to give the student an opportunity for in-depth study and research in the biomedical sciences. Student must be mature enough to work independently on a research project with a minimum of supervision. 

Course Code: **09259/09260** **Biomed Genomics Sci Research Asst 1, 2** Grades: **9, 10, & 11** (Prerequisite required)
Course Code: **09261/09262** **Biomed Genomics Sci Research Asst 3, 4** Grades: **10, 11 & 12** (Prerequisite required)
Course Code: **09511/09512** **Biomed Genomics Sci Internship 1, 2** Grade: **12** (By instructor recommendation)

Business Management & Administrative Services (BMAS)

Students who complete Tech Apps for Business will be prepared to use the Microsoft Office software (Word, Excel, Access and PowerPoint) in a business setting. Students will develop business skills, use problem solving and gain technical knowledge needed to own or operate a business. In addition, students will develop career search skills such as resume writing and job interviewing. 

Course Code: **02221/02223** **Tech Apps for Business 1, 2** Grades: **9, 10, & 11** (Required class for all freshmen)
****Tech Apps 3/4 and 5/6 – Projects for Entrepreneurs.** In this course students will choose their projects. This is a one semester course which can be taken for multiple semesters. Students will choose the software program they wish to learn

and then find a teacher or “client” to work with to complete a project. Software used will include InDesign, Photoshop, Premier or Dreamweaver. Students will have the opportunity to create print publications, websites or multimedia presentations for a client while applying business management practices. Projects will be individualized for each student and students will work independently on their projects.

Course Code: **02224/02225** **Tech Apps for Business 3, 4** Grades: **10, 11 & 12** (Requires successful completion of 1, 2)
Course Code: **02226/02227** **Tech Apps for Business 5, 6** Grades: **10, 11 & 12** (Requires successful completion of 3, 4)

Publication for Business - Yearbook

Students taking Publication for Business courses develop the skills necessary to design and produce the yearbook, **TUCSONIAN**. Students will work on being adaptable, creative and analytical, which are skills in demand in today’s competitive world. This course emphasizes positive work attitudes and employment skills while expanding knowledge of basic business concepts and procedures. Students will be assigned work based on yearbook deadlines and are required to stay after school when needed to complete work. Hours outside of the school day researching, photographing and attending school functions will be required. **This class requires a commitment of your time outside of class and only students willing to put in extra time should consider enrolling.**

Course Code: **02309/02310** **Publication for Business 1, 2** Grades: **10, & 11, 12**
Course Code: **02311/02312** **Publication for Business 3, 4** Grades: **10, 11 & 12** (Requires successful completion of 1, 2)
Course Code: **02313/02314** **Publication for Business 5, 6** Grades: **11 & 12** (Requires successful completion of 3, 4)
Course Code: **02317/02318** **Publication for Business 7, 8** Grades: **11 & 12** (Application & Advisor signature required.)

Journalism

The **Journalism** courses are for students interested in newspaper production. Students will use their beginning journalism experience and continue to develop their skills by producing *The Cactus Chronicle* and the online newspaper, *thspress.com*. Emphasis is placed on refining writing, editing, layout and production. Students will work on being adaptable, creative and analytical, which are skills in demand in today’s competitive world. This course emphasizes positive work attitudes and employment skills while expanding knowledge of basic business concepts and procedures. **After school hours are required.**

Course Code: **05101/05102** **Beginning Journalism 1, 2** Grades: **9, 10, 11 & 12**
Course Code: **05101/05102** **Advanced Journalism 1, 2** Grades: **10, 11 & 12** (Requires successful completion of 1, 2)

Course Code: **02224/02225; 02226/02227** **Online Multimedia** Grades: **10, 11, & 12**

Description: This course will focus on media convergence bringing together print journalism, the internet and broadcast media. Students will report, write, film, photograph and design for the online newspaper, *thspress.com*. Journalistic principles will be followed and students in this course will be the *thspress.com* staff. Digital media will be the focus including web page design, podcasting, teleconferencing, video editing and production of a daily news broadcast for the THMS community. The online staff will also be responsible for the operation of campus video monitor broadcast.

Prerequisite: Beginning Journalism

Online Course Available For Credit

Course Code: **09243/09244** **CTE Internship 1, 2 – Online Course** Grades: **11 & 12** (Teacher signature required)

Description: This course develops work place skills and appropriate behavior on the job. Students will receive one credit for a combination of online course work and on the job training. Topics covered will include preparing for employment, employer expectations, on the job communications, getting along on the job, success on the job, planning your career and personal finance. Students will choose a senior project and develop an electronic portfolio.

Prerequisite: BMAS 1-2, 3-4

Engineering Sciences

Through a series of guided experiences in Project Based Learning, this program will introduce students to engineering standards while gaining an understanding of how engineers think. Working in teams, courses will help students to begin to design, develop, and validate their projects-including BattleBots in advanced classes.



Course Code: **09329/09330** **Exploring Engineering 1, 2** Grades: **9, 10, & 11** (concurrent enrollment or credit in Algebra)
Course Code: **07511/07512** **Engineering Tech Lab 1, 2** Grades: **10, 11 & 12** (Requires successful completion of 1, 2)
Course Code: **09376/09377** **Project Engineering 1, 2** Grades: **11 & 12** (By instructor recommendation)

Financial Services

These courses are designed to provide students with the knowledge and tools necessary to take control of their finances for the rest of their lives. Concepts will be taught through the use of lecture, personal experience, guest speakers, textbooks, educational games such as “The Stock Market Game” (which we compete with teams from around the country for awards), and research projects.

Course Code: 02711/02712	Banking & Financial Services 1, 2 Grades: 9, 10, & 11
Course Code: 02713/02714	Banking & Financial Services 3, 4 Grades: 10, 11 & 12 (Requires successful completion of 1, 2)
Course Code: 02715/02716	Banking & Financial Services 5, 6 Grades: 10, 11 & 12 (Requires successful completion of 1, 2)
Course Code: 09591/09592	Financial Services Co-op 1, 2 Grade: 12 (By instructor recommendation)

Graphic Communications

Students in the Graphic Design courses will learn how to use Adobe Photoshop, Illustrator and other digital image software that will help them develop artistic and technical skills on the computer, while learning about print design, web design and typography.

Course Code: 09265	Graphic Design CTE 1, 2 Grades: 9, 10, & 11
Course Code: 09266	Graphic Design 1, 2 (Commercial Art) (Can elect to take for Fine Arts credit)
Course Code: 09267	Graphic Design CTE 3, 4 Grades: 10, 11 & 12 (Requires successful completion of 1, 2)
Course Code: 09268	Graphic Design 3, 4 (Commerical Art)
Course Code: 09269/09270	Graphic Design CTE 5, 6 Grades: 11 & 12 (Requires successful completion of 3, 4)
Course Code: 09277/09278	Graphic Design CTE 7, 8 Grades: 11 & 12 (Requires successful completion of 5, 6)

The Photo Imaging program introduces students to the basic equipment, materials, processes and safety measures as they relate to black and white photography. Students are encouraged to use the fine art of photography for individual expression as well as the technical process for vocational preparation. These skills enable students to explore digital photo imaging, photo journalism, print manipulations, and portfolio presentations. Class will include a self-paced lab experience that integrates reading and writing to meet AIMS standards. Fee \$30.00 to be paid at the time of summer registration.

Course Code: 09089/09090	Photo Imaging 1, 2 Grades: 9, 10, 11 & 12
Course Code: 09091/09092	Photo Imaging 3, 4 Grades: 10, 11 & 12 (Requires successful completion of 1, 2)
Course Code: 09093/09094	Photo Imaging 5, 6 Grades: 11 & 12 (Requires successful completion of 3, 4)
Course Code: 09095/09096	Photo Imaging 7, 8 Grade: 11 & 12 (By instructor recommendation)
Course Code: 09557/09558	Graphic Comm. Internship 1, 2 Grade: 12 (By instructor recommendation)

Industrial Manufacturing

Students in this program will use a variety of machining and welding equipment in the “hands on” shop classes. Safe working practices will be emphasized. Students can earn Pima Community College articulated credit in advance classes, by receiving an “A” or “B” each semester. Fee \$30.00.

Course Code: 09149/09142	Metals Mfg 1, 2 Grades: 9, 10, & 11
Course Code: 09153/09154	Metals Mfg 3, 4 Grades: 10, 11 & 12 (Requires successful completion of 1, 2)
Course Code: 09155/09156	Metals Mfg 5, 6 Grades: 10, 11 & 12 (Requires successful completion of 3, 4)
Course Code: 09157/09158	Metals Mfg 7, 8 Grades: 11 & 12 (Requires successful completion of 5, 6)
Course Code: 09159/09160	Metals Mfg 9, 10 Grades: 11 & 12 (Requires successful completion of 7, 8)
Course Code: 09567/09568	Industrial Mfg Internship 1, 2 Grade: 12 (By instructor recommendation)

Information Technology

Students who complete the A+ program will prepare for competency as entry-level computer service technicians. Students will learn how to install, configure and optimize computers as well as how to diagnose and troubleshoot PC hardware/software and peripherals. CISCO is a web-based, “hands on” certification program that covers computer networking fundamentals, including designing, building and maintaining networks in four semesters. Students may need to purchase their own tools, textbooks and exam vouchers (if opting to test for official certification).

Course Code: 04521/04522	PC Mgmt/Maintenance - (A+) 1, 2 Grades: 9, 10, & 11
Course Code: 04523/04524	PC Mgmt/Maintenance - (A+) 3, 4 Grades: 10, 11 & 12 (Requires successful completion of 1, 2)
Course Code: 04511/04512	Computer Ntwk (CISCO) 1, 2 Grades: 9, 10 & 11
Course Code: 04513/04514	Computer Ntwk (CISCO) 3, 4 Grades: 10, 11 & 12 (Requires successful completion of 1, 2)
Course Code: 09569/09570	Info Tech Internship Grade: 12 (By instructor recommendation)

Marketing, Management & Entrepreneurship

In this program, students will learn how to professionally sell, advertise, promote products and services, interview for a job, apply economic principals and develop an understanding of the functions of marketing. DECA membership is recommended.

Course Code: 02545/02546	Marketing 1, 2 Grades: 11, & 12
Course Code: 02551/02552	Advance Marketing 1, 2 Grades: 12 (By instructor recommendation)
Course Code: 02781/02782	Co-op Merchandising 1, 2 Grade: 12 (By instructor recommendation)

Course Code: **02783/02784**
Course Code: **09581/09582**

Marketing Work Exp (Co-op 2nd year) Grade: **12** (Requires successful completion of 1, 2)
Marketing Internship 1, 2 Grade: **12** (By instructor recommendation)

Performing Arts

The Stagecraft program lays the foundation for students to work professionally in the technical theatre fields: management (house, production, stage), sets and properties, costumes, hair and makeup, lighting, sound, special effects and promotion. Students learn their craft through content area study and practical application to build their resumes and professional portfolios. Students can earn Fine Arts credit.

Course Code: **06490** **Stage Management 1, 2** Grades: **9, 10, & 11**
Course Code: **06491/06492** **Stage Management 3, 4** Grades: **10, 11 & 12** (Requires successful completion of 1, 2)
Course Code: **06497** **Stage Management 5** Grades: **11 & 12** (Requires successful completion of 3, 4)
Course Code: **09585/09586** **Stagecraft Internship 1, 2** Grade: **12** (By instructor recommendation)

Welding Technology

These courses are designed to coordinate with the American Welding Society certification requirements. Students are provided with basic Arc Welding skills and concepts in structural welding/fabrication safety, theory and blueprint reading. Participation in the American Welding Society and SkillsUSA VICA is strongly encouraged and is required in the upper-level courses. The advanced level course is a two (2) credit block. Fee \$30.00.

Course Code: **09167/09168** **Welding Design & Fab 1, 2** Grades: **9, 10, & 11**
Course Code: **09169/09168** **Welding Design & Fab 3, 4** Grades: **10, 11 & 12** (Requires successful completion of 1, 2)
Course Code: **09175/09176** **Welding Design & Fab 5, 6** Grades: **10 11 & 12** (Requires successful completion of 3, 4)
Course Code: **09177/09178** **Welding Design & Fab 7, 8** Grade: **11 & 12** (Requires successful completion of 5, 6)
Course Code: **09179/09180** **Welding Design & Fab 9, 10** Grades: **11, & 12** (Requires successful completion of 7, 8)
Course Code: **09187/09188** **Welding Design & Fab 11, 12** Grades: **11 & 12** (Requires successful completion of 9, 10)
Course Code: **09189/09190** **Welding Design & Fab 13, 14** Grades: **11 & 12** (Requires successful completion of 11, 12)
Course Code: **09587/09588** **Welding Internship 1, 2** Grade: **12** (By instructor recommendation)



OFF-SITE CTE/JTED PROGRAMS-Non TUSD

The programs listed below have special requirements such as “year in school”, “limited availability”, “transportation”, and “application process”. See Ms. Wilsey, CTE/ JTED Career Counselor, if you are interested.

Cosmetology (junior students only may apply)

Fire Science

Nursing Services (Certified Nursing Assistant)

Easy Access... to Tough Careers.

Finding a job can be difficult. Finding a meaningful career doesn't have to be. With JTED Career and Technical Education courses (CTE), it's easy to make the time you spend in high school work for you.

At some point in your life, you'll see someone getting paid to do a job that may be tough, but interests you. The good news is: JTED CTE courses can help you get onto a career path that will be fun, challenging, and rewarding.

If there's not a program that fits you at your school, it's not a problem. Your counselor can help you find the right CTE classes for you at a location near your school. So, you get to keep your friends and pursue your goals.

We believe in your future. Ask your counselor or visit our website to see how JTED can help you get there.

Skills Today, Opportunities Tomorrow

Accounting • Agriculture • Allied Health • Audiovisual • Automotive • Aviation • Biomedical • Business • Carpentry • Cosmetology • Construction • Culinary Arts • Diagnostic & Intervention • Design & Merchandising • Drafting • Education • Electrical • Engineering • Finance • Fire Science • Graphic Communications • HVAC • Hospitality Management • Information Technology • Law & Public Safety • Marketing & Management • Nursing Services • Performing Arts • Plumbing • Telecommunications • Welding

PIMA COUNTY
JTED
JOINT TECHNOLOGICAL EDUCATION DISTRICT

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ENGLISH

Core Courses

ENGLISH 9

05001, 05002

Grade 9

1 credit

Composition instruction concentrates on paragraph writing skills, basic language mechanics and usage. Writing skills are enhanced through a study of grammar and sentence patterns and the Six Traits Writing Rubric. Literature studies focus on four major genres: short stories, novels, poetry and drama. Literature assigned is from the classic tradition of Western Civilization starting with the Ancient Greeks and Romans. Vocabulary development continues throughout the year in conjunction with reading assignments. Computer generated writing is facilitated, as well as skills required for proficiency on the AIMS test. This class is also available as SEI.

ENGLISH HONORS 9

05007, 05008

Grade 9

1 credit

Prerequisite: Stanine of 7 or higher or NCE of 70 or higher on a standardized test in Reading and Language Arts, and an A in Language Arts on a current middle school report card.

While mastery of basic skills as described in the Freshman English course is emphasized, the honors program requires additional in-class reading and writing as well as a heavier homework load. Students are subject to high expectations, particularly with regard to the development of critical thinking skills and the ability to successfully complete complex writing tasks.

ENGLISH GATE 9

05009, 05010

Grade 9

1 credit

Prerequisite: Admission to GATE Program in grades 6, 7, or 8 via TUSD GATE program test. Must be taken in conjunction with Humanities GATE.

This two-period block program in English and Humanities is an accelerated and enriched course. Composition instruction concentrates on the expository essay and the in-class essay exam. Writing skills are enhanced by the study of grammar, usage and the Six Traits Writing Rubric. Students are introduced to and practice literary analysis in both class discussions and writing exercises. Since students are also studying history, art and architecture, compositions are not limited to literary analysis. AIMS preparation requires study of the persuasive essay and vocabulary expansion. The development of critical thinking and reading skills also play a major role in this course.

HUMANITIES GATE 1, 2

15213, 15214

Grade 9

1 credit

Prerequisite: This course must be taken in conjunction with GATE English.

The Humanities component surveys the literature, history, philosophy, art and architecture of four major historical periods: Ancient Greece, Ancient Rome, Middle Ages and the Renaissance. Field trips, audio/visual materials and guest speakers supplement class activities. This course does not satisfy the World History/Geography requirement.

ENGLISH 10

05013, 05014

Grade 10

1 credit

The survey approach to literature continues with an in-depth study of short stories, drama, biographies, and the novel. Minority voices in literature and the literature of non-Western world cultures are stressed with particular emphasis placed on developing students' understanding of characterization and theme and of these cultures' relationships to Western thought, history and philosophy. Composition instruction uses the Six Traits Writing Rubric and focuses on the persuasive essay in preparation for the AIMS test. Students continue to study sentence structure, usage, and language mechanics to enhance composition skills. Vocabulary development activities continue throughout the year.

ENGLISH HONORS 10

05019, 05020

Grade 10

1 credit

Prerequisite: A grade of A in English 9 or A or B in Honors English 9 or English GATE 9. Signature of current English teacher is required.

This is an enriched course surveying short stories, essays, drama and novels. Selected works by world recognized authors are included. Students review basic sentence structure to understand and practice correct usage. They refine their writing skills and add variety exploring theme and character development. Research papers and persuasive essays are also required. Students study AIMS skills within the context of their reading and writing assignments. The course requires additional in-class reading and writing as well as a heavier homework load. Students are subject to high expectations, particularly with regard to the development of critical thinking skills and the ability to successfully complete complex writing tasks.

ENGLISH GATE 10**05023, 05024**

Grade 10

1 credit

Prerequisite: Admission to the GATE program. (In conjunction with GATE Global Studies 19321, 19322. Refer to GATE Global Studies in Social Studies course offerings.)

This course is designed to teach students about major social, religious, philosophical and cultural issues and themes in the Non-Western world with a focus on its relationship to Western thought, history and philosophy. An emphasis is placed on literature from the Middle East, Japan, China, Africa and India. Students develop skills in research, reasoning, writing and evaluation of writing based on the Six Traits Writing Rubric. Composition instruction concentrates on the persuasive essay and the in-class essay exam in preparation for the AIMS test. Students continue to practice literary analysis and expository writing. Creativity, the multiple intelligences, and self-direction are emphasized in conjunction with AIMS preparation.

ENGLISH 11**05025, 05026**

Grade 11

1 credit

In this course, literature studies are comprised of diverse American voices from 1607 to the present and evidence of historic voices in post-civil war American culture. In preparation for AIMS, focus continues on the Six Traits Writing Rubric with further training in the elements of literary analysis, persuasive and expository essay writing. The major composition project of the year is the completion of a research paper. Advanced work in the areas of mechanics, usage, and vocabulary continue.

ENGLISH HONORS 11**05031, 05032**

Grade 11

1 credit

Prerequisite: A grade of A in Sophomore English, an A or B in Honors Sophomore English or Sophomore GATE. Signature of current English teacher is required.

This class is an enriched American literature course. The literature written in America from 1607 to the present is surveyed with an emphasis on how historic voices are still evident in American culture. Students complete a research report and read at least four major American novels. Writing skill development includes literary analyses, essays, and in-class essay tests. Students continue to improve their vocabularies and their understanding of grammar, mechanics, and usage. Students are subject to high expectations, particularly with regard to the development of critical thinking skills and the ability to successfully complete complex writing tasks.

AFRICAN AMERICAN LITERATURE 1, 2**05705, 05706**

Grade 11

1 credit

This class fulfills the English 11 requirement and may block with American History/African American Studies.

African American Literature serves as an introduction to the tremendous scope and unique impact of African American literature including folklore, short stories, poetry, nonfiction, fiction, research, lyrics and novels. Students will develop the ability to analyze poetry, prose and the media while continuing to cultivate their own beliefs and voices through persuasive writing and research. Along with literary and prose style analysis, students will compose a research paper focused upon theme(s) in this course. Students will be engaged in a variety of independent, cooperative, class discussion, and critical-thinking activities each class period. The curriculum and units explored in this course exceed the expectations of the Arizona State Standards.

LATINO LITERATURE 5, 6**05615, 05616**

Grade 11

1 credit

This class fulfills the English 11 requirement and may block with American History Hispanic Studies 1, 2.

Latino Literature serves as an introduction to the tremendous scope and unique impact of Chicano/Latino literature including folklore, short stories, poetry, nonfiction, research, and novels. Students will develop the ability to analyze poetry, prose and the media while continuing to cultivate their own beliefs and voices through persuasive writing and research. Along with literary and prose style analysis, students will also compose a research paper focused upon themes of social justice. Students will be engaged in a variety of independent, cooperative, class discussion, and critical-thinking activities each class period. The TUSD Mexican American/Raza Studies Department has developed a scope and sequence and curriculum for this Latino Literature course. The curriculum and units explored in this course exceed the expectations of the Arizona State Standards.

LITERATURE NATIVE AMERICAN 1, 2**05641, 05642**

Grade 11

1 credit

This class fulfills the English 11 requirement (is an elective for seniors) and may block with American History/Native American Perspectives.

This course will focus upon the skills necessary for successful academic performance. It will focus upon the skills of analytical thinking process, creative writing, and knowledge of Native American Literature and History. The knowledge gained from this course will dispel the negative stereotypes, cultivate pride in heritage, and acknowledge the importance and significant cultural contributions of the Native American people to society. This course will also increase cultural awareness and sensitivity and introduce the Oral Tradition. The course will meet all of the requirements of TUSD's reading and writing standards.

ENGLISH 12
05033, 05034

Grade 12
1 credit

The Senior year focuses on Western literature with particular emphasis on British authors. Continuing practice is offered in expository essay writing. Use of the Six Traits Writing Rubric and vocabulary development are also included. To help prepare students for college, test-taking skills for college entrance exams are taught.

ENGLISH HONORS 12
05039, 05040

Grade 12
1 credit

Prerequisite: A grade of A in English 11; a B or better in English Honors 11 or English Literature and Composition (AP).

Students continue their study of all forms of writing and further develop critical reading and thinking skills. Students learn to make practical and academic applications of language arts skills, further develop research capabilities, and study British and other world literature in depth. Writing assignments emphasize the writing process and the Six Traits Writing Rubric to prepare the students for college work. Students are subject to high expectations, particularly with regard to the development of critical thinking skills and the ability to successfully complete complex writing tasks.

LATINO LITERATURE 7, 8
05617, 05618

Grade 12
1 credit

This class fulfills the English 12 requirement and may block with American Government/Ethnic Studies.

This course serves as a continuation of the pedagogy established in Latino Literature 5, 6 and will be taught in close conjunction with the American Government/Ethnic Studies class. This course will focus upon the themes of social justice, resistance, and transformation through world literature although a greater emphasis will be placed upon Latino and indigenous literature from Central, South, and North America. Students will develop the ability to analyze poetry, prose and the media while continuing to cultivate their own beliefs and voices through persuasive writing and research. The curriculum and units explored in this course exceed the expectations of the state standards.

PIMA COMMUNITY COLLEGE

WRITING 100 (SUBSTITUTES FOR ENGLISH 11 OR 12)

05025, 05026 OR 05033, 05034

Grade 11 or 12
1 credit

Prerequisite: Must have applied to Pima Community College and successfully completed the Pima Community College Reading, Writing and Math assessment.

Writing 101 is a writing fundamentals course offered at Pima Community College. It covers a review of sentence structure, mechanics and usage. It also includes review of sentence patterns, designing and writing effective paragraphs, and developing short essays. Students may take Writing 100 at THMS as a substitute for English 11 or English 12.

PIMA COMMUNITY COLLEGE

WRITING 101 (SUBSTITUTES FOR ENGLISH 11 OR 12)

05025, 05026 OR 05033, 05034

1 Year Course
Grade 12
1 credit

Prerequisite: Must have applied to Pima Community College and successfully completed the Pima Community College Reading, Writing and Math assessment.

Writing 101 is a course that concentrates on writing college-level work. Students read essays based on rhetorical strategies and then write similar types of essays using the writing process of drafting, rewriting, revising, and editing. Response papers are often written in class and class discussions are generated by the essay topics. The goal is for students to become proficient in writing clear, well-argued essays using college level language. Principles and practices of writing include: writing college-level essays, review of basic writing skills and written works descriptive, expository and persuasive writing. **Substitutes for Senior English 12.**

PIMA COMMUNITY COLLEGE

WRITING 102 (SUBSTITUTES FOR ENGLISH 12)
05033, 05034

Grade 12
1 credit

Prerequisite: Must have applied to Pima Community College and successfully completed the Pima Community College Reading, Writing and Math assessment.

This course continues the development of skills and concepts taught in WRT 101. The course emphasizes research and critical reading and writing. The students will generate a minimum of 7,000 words including rough drafts and revisions throughout the semester.

Elective Courses

CREATIVE WRITING 1, 2

(Repeatable)

15441, 15442

Grades 11, 12

1 credit

This course focuses on developing the writing of students, allowing them to confidently solve a range of writing tasks. Over the course of the year, the students write a variety of genres: the short story, the essay and poetry. The students will also learn techniques that will help them achieve AIMS mastery of written English. (The rubric for writing is taught and reinforced.) Techniques include prewriting strategies, revision, and editing. The class produces and distributes the Tucson High Magnet School literary magazine. This course is one elective credit.

SPEECH AND DEBATE

15044-15045

Grades 10, 11, 12

1 credit

Students will develop confidence in the ability to present ideas to a small audience. Types of speeches include debate, demonstration, informational and persuasive. The link between writing and speech and reading and speech will be emphasized in this course.

AP Courses

ENGLISH LANGUAGE & COMPOSITION AP

05901

Grade 12

1 credit

Prerequisite: A grade of A in Junior Honors English; a B or above in English Literature & Composition, AP. Signature of Honors or AP English teacher is required.

This course engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. The three essays for this course are:

- Rhetorical analysis of a piece of public speech
- Synthesis of a variety of sources while entering the conversation on a universal and timely issue
- Argumentation on a universal and timely issue

The composition and literature components are similar to those offered in college Freshman English course. **The grade in this course is weighted. Students are expected to take the Advanced Placement Exam for possible college credit.**

ENGLISH LITERATURE & COMPOSITION

AP

05902

Grade 11

1 credit

Primarily a course in reading, thinking and writing about texts, this class surveys American Literature from a rhetorical perspective, focus in on the use of public persuasive discourse from a historical perspective. The rigor of the analytic thinking and writing expectations will prepare the student for the English Literature & Composition exam. In addition to a strong foundation in rhetorical analysis and effective composition strategies, the course includes a challenging study of grammar, standard English usage and vocabulary. All written assignments demand the intellectually mature and appropriate composition and thinking skills required by the Free Response Section of the Advanced Placement exam in English Language and Composition. The three essays for this course are:

- Poetry analysis
- Prose analysis
- Open-ended critical response about a novel or play

This course satisfies the English 11 credit requirement. **The grade in this course is weighted. Students will take the Advanced Placement Exam for possible college credit.**

ENGLISH LANGUAGE DEVELOPMENT (ELD)

The English Language Development (ELD) courses helps students develop functional and academic listening, speaking, reading and writing skills in standard English. Students will be grouped by Proficiency level using the AZELLA test as the barometer. Students will receive one English credit for the 2 or 4 hour block.

PRE-EMERGENT AND EMERGENT

ELD I READING

15012

GRADES 9, 10, 11, 12

1 credit

ELD I LISTENING AND SPEAKING

15014

GRADES 9, 10, 11, 12

1 credit

BASIC

ELD II LANGUAGE ARTS

ELD II LANGUAGE ARTS SUPPORT

05055

GRADES 9, 10, 11, 12
1 credit

15016

GRADES 9, 10, 11, 12
1 credit

INTERMEDIATE-1ST YEAR

ELD III LANGUAGE ARTS

GRADES 9, 10, 11, 12
1 credit

ELD III LANGUAGE ARTS SUPPORT

GRADES 9, 10, 11, 12
1 credit

INTERMEDIATE-2ND YEAR

ELD IV LANGUAGE ARTS

GRADES 9, 10, 11, 12
1 credit

ELD IV LANGUAGE ARTS SUPPORT

GRADES 9, 10, 11, 12
1 credit

EXCEPTIONAL EDUCATION

ESSENTIAL ENGLISH

01026, 01027 GRADE 9
01028, 01029 GRADES 10
01030, 01031 GRADE 11
01032, 01033 GRADE 12
1 credit

These courses are designed to meet the needs of students with an IEP with special attention given to development of basic skills. The objectives of the course are to provide learning opportunities through demonstration and practice of listening behaviors, oral communication, written expression and reading. Grammar usage, spelling and vocabulary building are emphasized. *College-bound students are recommended to take general education English class.*

ESSENTIAL INTEGRATED SCIENCE

01034, 01035 GRADE 9
01036, 01037 GRADES 10
01038, 01039 GRADE 11
01040, 01041 GRADE 12
1 credit

This course lays the necessary foundation for upper level science curriculum. The focus of the first semester is the scientific method, Life Science, Ecology current issues in science. The second semester focuses on Earth and Space concepts and a hands-on approach will emphasize problem solving skills. *College-bound students are recommended to take the general education Integrated Science class.*

ESSENTIAL BIOLOGY

01042, 01043 GRADE 9
01044, 01045 GRADES 10
01046, 01047 GRADE 11
01048, 01049 GRADE 12
1 credit

This course will introduce students to all aspects of biotechnology. Students will learn, through hands-on applications, about plant growth and development; anatomy and physiology; zoology; ecology and entomology. Class may also involve an introduction to computer literacy. The importance of scientific investigation, critical thinking, and problem solving as each applies to all aspects of life are emphasized. There may be some dissection, microscopic observations, and computer labs in the course. Group and individualized activities will be required. *College-bound students are recommended to take general education Biology class.*

ESSENTIAL EARTH SCIENCE

01050, 01051 GRADE 9
01052, 01053 GRADES 10
01054, 01055 GRADE 11
01056, 01057 GRADE 12
1 credit

This course will introduce students to the Space Science curriculum. The focus will be the study of geochemical cycles, internal and external energy, earth systems, and the origins and evolution of the universe. Students will gain knowledge through lab work, observation, lecture/films, note taking, lesson reviews, oral reading, worksheets, chapter outlines and key science terms. *College-bound students are recommended to take general education Earth Science class.*

ESSENTIAL HUMAN ANATOMY & PHYSIOLOGY

01058, 01059 GRADE 11
01060, 01061 GRADE 12
1 credit

This course offers students an orientation and overview of basic anatomy and physiology appropriate for the health care setting. Students will be introduced to medical terminology and also will learn how the human body functions through the study of different levels of organization: molecular, cellular, tissue, organ, organ system, organism and their interactions with each other and the external environment. This course may include lab-based activities. *College-bound students are recommended to take general education Anatomy Science class.*

ESSENTIAL ALGEBRA, SEMESTER 1, 2

This course covers previously acquired math skills emphasizing those

01062, 01063 GRADE 9
1 credit

aspects of arithmetic that support algebra as well as the essential skills necessary for problem solving. Fundamental algebraic concepts are introduced that include, but are not limited to fractions, decimals, percents and proportional reasoning. Throughout the course, there is a continuous review of these skills as well as skills and concepts assessed on the AIMS. *College-bound students are recommended to take general education Algebra class.*

ESSENTIAL GEOMETRY, SEMESTER 1, 2
01064, 01065 GRADES 10
1 credit

This course covers previously acquired math skills that emphasize aspects of arithmetic that support geometry. It also introduces students to basic geometric concepts. Students are instructed to recognize, draw, describe, connect and analyze shapes and representations in the physical world. Along with the aforementioned concepts, students will continue to review all basic mathematical skills.

College-bound students are recommended to take general education Geometry class.

AIMS MATHEMATICS
13133, 13134 GRADES 11, 12
1 credit

This course will review competencies of the Arizona State Standard of Mathematics assessed on the AIMS. This course is intended for students who need more experience with the concepts taught in Algebra and Geometry. Students who have yet to pass AIMS and are at the junior or senior level are required to take this course.

GENERAL MATH 1, 2
01145
GRADES 9, 10, 11, 12
1 credit

This course emphasizes general mathematics skills applied to real life situations. Students refine previously acquired skills in math reasoning and operations, and use them to solve practical problems encountered in life. The course is designed to provide students with additional experiences using mathematics in order to be successful in future employment and living independently. Students apply discreet mathematics skills, along with algebraic principles and geometric properties to examine functional situations encountered in the world of work and in daily living.

ESSENTIAL CONTEMPORARY MATH
01072, 01073 GRADE 11
01074, 01075 GRADE 12
1 credit

This course will focus on problem-solving strategies. Students will collect and describe data and analyze social issues such as voting systems, decision-making, and environmental issues. *College-bound students are recommended to take general education Contemporary Math class.*

**ESSENTIAL WORLD HISTORY/WORLD
GEOGRAPHY**
01076, 01077 GRADE 9
01078, 01079 GRADES 10
01080, 01081 GRADE 11
01082, 01083 GRADE 12
1 credit

This course is to enhance concept development of regions of the world, lands, people, and their development through history. Students will receive a broad overview of world history from multi-cultural perspectives. *College-bound students are recommended to take general education World History class.*

ESSENTIAL AMERICAN HISTORY
01084, 01085 GRADE 11
01086, 01087 GRADE 12
1 credit

This course covers the development of America from pre-colonial times to the present. It includes the study of the political, cultural, economic and social history of America. Current and future societal issues are also covered. *College-bound students are recommended to take general education American History class.*

ESSENTIAL AMERICAN GOVERNMENT
01088, 01089 GRADE 11
01090, 01091 GRADE 12
1 credit

This course explores the functions of federal, state and local governments. An understanding of the political systems at each level helps develop knowledgeable and informed citizens. The importance of constitutional law is emphasized both the government and individual citizens. *College-bound students are recommended to take general education American Government class.*

ESSENTIAL READING

This course combines improving basic skills in reading through literature

01264, 01265 GRADE 9
01271, 01272 GRADES 10
01273, 01274 GRADE 11
01275, 01276 GRADE 12
1 credit

study, remedial instruction in oral communication, thinking, and listening skills as well as reading efficiency techniques. Instruction will include vocabulary development, comprehension skills with different genre and study skills.

ESSENTIAL HEALTH
01108
GRADES 10, 11, 12
1 credit

This course will focus on personal, family and community health issues and use decision-making skills to enhance health. Topics will include mental health, depression, family, relationships, life cycle, fitness, nutrition, and tobacco and drug abuse among others related to accessing accurate health information and health promotion and disease prevention.

ACADEMIC CORE
01350
GRADES 9, 10, 11, 12
1 credit

Emphasis is on the development of efficient learning strategies including time management, organization of class materials, and textbook usage. This course is designed for students whose academic course work is primarily in mainstream classes.

EMPLOYMENT TRAINING 1
01127
GRADES 11, 12
1 credit

This course is designed to assist students in transition from high school to work and to prepare students to take action for future employment and career decisions. Students will develop skills in self-determination, finding a job, and succeeding as an employee. This class will familiarize students with the circumstances common to all wage earners, budgeting, and life skills required to be a successful and productive adult. Students will explore and receive training in various job readiness skills.

ON THE JOB TRAINING (OJT) 1-4
01151, 01152 GRADE 11
01153, 01154 GRADE 12
1 credit

Students, who qualify, work in the community at part-time paid or nonpaid work sites. The primary objective is to introduce students to the routines and responsibilities of competitive work. Students learn job and social skills associated with their assigned job tasks. Performance evaluations and specific training agreements between the student, teacher, and employer may be required. In some instances, the student is released from school to participate in this work experience and receives school credit for the hours worked. In other instances, the student works or volunteers with supervision of school personnel as part of their instructional day.

Alternate Academic Courses

APPLIED ENGLISH/READING 1-8
01164, 01165 GRADE 9
01166, 01167 GRADE 10
01168, 01169 GRADE 11
01170, 01171 GRADE 12
1 credit

This course develops skills in basic communication, reading, writing and is applied to real-life experiences. Emphasis is on increasing reading and writing skills necessary for day-to-day functioning. Instruction in communication skills will focus on maximum participation and independence within the school and community. Focus is on interactions with nondisabled peers and adults in all settings.

APPLIED SOCIAL STUDIES 1-6
01201, 01202 GRADE 10
01203, 01204 GRADE 11
01205, 01206 GRADE 12
1 credit

Students will receive a broad overview of world history from multi-cultural perspectives. Knowledge of community and local environments will be emphasized. Instruction includes development of skills needed to function within a community setting and opportunities to access or participate in a variety of services in the community. Students may practice skills in environments where these skills are required to be used.

APPLIED FAMILY AND CONSUMER SCIENCE 1-8
01212, 01213 GRADE 9
01214, 01215 GRADE 10
01223, 01224 GRADE 11
01225, 01226 GRADE 12
1 credit

Students will develop skills and background information needed for independent living. Course includes activities for daily living, home management, money management, and community resources.

APPLIED SCIENCE 1-6
01066, 01067 GRADE 9
01068, 01069 GRADE 10
01070, 01071 GRADE 11
1 credit

This course series will focus on the biology of the interactions of living things, ecosystems and problem-solving. The investigation of earth sciences including plant life, ecology, weather and changes in environment will be included.

APPLIED FUNDAMENTAL MATH 1-6
01092, 01093 GRADE 9
01094, 01095 GRADE 10
01096, 01097 GRADE 11
1 credit

This course strengthens the student's math skills related to home and community independence. Instruction will be included in activities that increase student's basic math skills for everyday living for independence in school and community settings. Activities include money, time, and budget management.

APPLIED HEALTHY LIFESTYLE 1-8
01231, 01232 GRADE 9
01233, 01234 GRADE 10
01235, 01236 GRADE 11
01237, 01238 GRADE 12
1 credit

This course develops skills for health enhancing behavior in diet, exercise, self-care, safety and community resources. Activities may include adult living skills, meal preparation, and meal planning and healthy social relationships.

EVERYDAY LIVING SKILLS 1-8
01241, 01242 GRADE 9
01243, 01244 GRADE 10
01245, 01246 GRADE 11
01247, 01248 GRADE 12
1 credit

This course includes instruction in the areas of vocational/employment, daily living skills, social and community experiences, post school adult living and basic reading, writing and math skills. Students will have the opportunity to work on maximizing independence in domestic, recreational/leisure, use of personal time, and community skills.

BASIC SKILLS 1-8
01251, 01252 GRADE 9
01253, 01254 GRADE 10
01255, 01256 GRADE 11
01257, 01258 GRADE 12
1 credit

Students will focus on the improvement of reading, writing and/or math skills and basic computer literacy according to individual needs.

ON THE JOB TRAINING (OJT) 1-4
01151, 01152 GRADE 11
01153, 01154 GRADE 12
1 credit

Students, who qualify, work in the community at part-time paid or nonpaid work sites. The primary objective is to introduce students to the routines and responsibilities of competitive work. Students learn job and social skills associated with their assigned job tasks. Performance evaluations and specific training agreements between the student, teacher and employer may be required. In some instances, the student is released from school to participate in this work experience and receives school credit for the hours worked. In other instances, the student works or volunteers with supervision of school personnel as part of their instructional day.

Career Courses (Post 18)

EMPLOYMENT TRAINING
01127
1 credit

Students will explore and receive training in various job readiness skills and home maintenance skills. School and community-based sites will provide students the opportunity to learn job routines and social skills required for successful employment.

WORK ADJUSTMENT 1-4
ON CAMPUS
01125, 01126
01291, 01292
1 credit

This is a pre-vocational and work experience program that provides students with prevocational training to facilitate their effective entry into actual work experience positions. The student will participate in work exposure or work adjustment as well as classroom instruction. This process involves the students' shadowing, observing, and working with various employers at selected sites.

CAREER MATH 1-8

Students learn specific math skills necessary to perform identified activities

01281, 01282
01283, 01284
01285, 01286
01287, 01288
1 credit

found within educational, home and community settings.

CAREER ENGLISH 1-8
01320, 01321
01322, 01323
01324, 01325
01326, 01327
1 credit

Students learn specific English skills necessary to perform identified activities found within educational, home and community settings.

CAREER INVESTIGATIONS 1-8
01309, 01310
01311, 01312
01313, 01314
01315, 01316
1 credit

This course is designed to assist students in transition from high school to work and to prepare students to take action for future employment and career decisions. Students will develop skills in self-determination, finding a job, and succeeding as an employee. This class will familiarize students with the circumstances common to all wage earners, budgeting, and life skills required to be a successful and productive adult. Areas of focus will include career interests, aptitudes, values, careers, interviewing, resumes, employment opportunities, job training, and personal growth choices.

Description of Program:

CBI-Community Based Instruction (CBI) exposes students to a variety of community environments to enable them to become more independent. The goal of CBI is to teach specific skills identified on students' Individualized Educational Plan (IEP) that are used in everyday life. IEP skills related to functional academics, communication, independent living, socialization, recreation, and vocational skills are taught in real-life settings using a hands-on approach. CBI is not a field trip, but a systematic, repeated, instructional lesson to learn identified skills

MATHEMATICS

Core Courses

ALGEBRA I
13001, 13002
GRADES 9
1 Credit

Prerequisite: Math placement score of 25 or higher.

In this two-semester course, students use algebraic methods to explore, model and describe patterns, relationships and functions. There is a strong emphasis on writing, graphing, and solving linear equations. Students will use data collection and analysis; statistics and probability to make inferences, decisions, and arguments as they solve a variety of practical problems. Some sections of this course will be taught using computer courseware allowing students to work at their own pace (course credit is dependent upon students completing the required concepts). This course is aligned with the state standards for Mathematics. Students can expect daily homework assignments. **Students can receive credit for only one of the following:** Algebra I; Honors Algebra 1, 2; Bilingual Algebra 1, 2, or Algebra I (with Support). This class is available in bilingual presentation for students developing proficiency in English who have waivers signed by a parent or guardian.

HONORS ALGEBRA I

13003, 13004

GRADE 9

1 Credit

Prerequisite: An "A" in 8th grade math and math placement score of 32 or higher.

ALGEBRA CONCEPTS (WITH SUPPORT)

13245, 13246

GRADES 9

1 Credit

Prerequisite: Math placement score of 24 or lower and must be a freshman.

ALGEBRA SUPPORT

15121

Grades 9

1 Credit

Prerequisite: Concurrent enrollment in Algebra Concepts (with Support).

GEOMETRY 1, 2

13321, 13322

GRADES 10, 11, 12

1 Credit

Prerequisite: Students must have credit in Algebra I; Honors Algebra or Algebra Concepts.

GEOMETRY HONORS 1, 2

13371, 13372

GRADES 9, 10

1 Credit

Prerequisite: An "A" in Algebra I or "A" or "B" in Honors Algebra, incoming freshman must demonstrate proficiency in Algebra.

AIMS MATHEMATICS

13133, 13134

GRADES 11, 12

1/2 Credit (Repeatable)

Prerequisite: Students have not passed the AIMS test.

INTRODUCTION TO INTERMEDIATE ALGEBRA

13413, 13414

GRADES 10, 11, 12

1 Credit

Prerequisite: Credits in Algebra and Geometry.

This honors level course for Algebra I will be taught at an accelerated pace and with enrichment. The depth and breadth of the course will develop a strong foundation for the more theoretical and rigorous experience students will encounter at the pre-calculus level. This course is intended for students taking Algebra for the first time. This course is aligned with the state standards for Mathematics. **Students can receive credit for only one of the following:** Algebra I; Honors Algebra 1, 2; Bilingual Algebra 1, 2, or Algebra I (with Support).

Students use algebraic methods to explore, model and describe patterns, relationships and functions. This course is aligned with the state standards for Mathematics. Placement in this course is based on a score of 24 or lower on the Math Placement Exam. Concurrent enrollment in Algebra Support with the same teacher is **required**. **This class is for Freshmen only. Students can receive credit for only one of the following:** Algebra I; Honors Algebra 1, 2; Bilingual Algebra 1, 2, or Algebra I (with Support).

This course is intended for students who require additional time to master the content in first year Algebra. It is to be taken **concurrently** with **Algebra Concepts (with Support)**. It is an elective credit. Study skills, time management, prioritizing and test-taking strategies are emphasized. By requiring students to take Algebra Support concurrently with the same teacher they have for Algebra I, students have the opportunity to practice Algebra every day. This gives students more time to develop conceptual understanding and to strengthen skills with prerequisite topics.

In this course, students use geometric methods, properties and relationships as a means to recognize, draw, describe, connect, and analyze shapes and representations in the physical world. Students will also apply algebraic models and probabilities to physical applications. Students can expect daily homework assignments. This course is aligned with the state standards for Mathematics. **Students can receive credit for only one of the following:** Geometry 1, 2; Honors Geometry 1, 2; Bilingual Geometry 1, 2, or Geometry Concepts.

This honors level course for Geometry 1, 2 will be taught at an accelerated pace and with enrichment. Deductive reasoning and formal proofs are stressed and used to develop the concepts of congruence, similarity and the properties of geometric figures in both two and three dimensions. Students can expect daily homework assignments. This course is aligned with the state standards for Mathematics. Students can receive credit for only one of the following: Geometry 1, 2 or Honors Geometry 1, 2; or Geometry Concepts.

This course will review competencies of the Arizona State Standard of Mathematics assessed on the AIMS. This course is intended for students who need more experience with the concepts taught in Algebra and Geometry. Students who have yet to pass AIMS and are at the junior or senior level are required to take this course. This course counts as a mathematics credit for graduation and does **NOT count** as a college prep mathematics credit (4 credits are required for most universities).

This course is intended for students who are not ready to take Intermediate Algebra. This course counts as a mathematics credit for graduation, but does not count as a college prep mathematics credit. Students in this course use algebraic methods to explore, model and describe patterns, relationships and functions involving numbers, shapes, data and graphs within a variety of real-world problem solving situations.

ALGEBRA INTERMEDIATE

13411, 13412

GRADES 10, 11, 12

1 Credit

Prerequisite: Credit in Algebra I, and Geometry 1, 2 with grades of 'C' or better; or credit in Algebra Concepts with an "A" and Geometry with a "C" or better.

Students in this course use algebraic methods to explore, model and describe patterns, relationships and functions involving numbers, shapes, data and graphs within a variety of real-world problem solving situations. They represent problem situations using discrete structures such as finite graphs, matrices, sequences and recurrence relations. This class is aligned to the state standards in Mathematics. Students who earn a 'C' or better may enroll in Pre-Calculus or Statistics.

CONTEMPORARY MATHEMATICS

13831, 13832

GRADES 11, 12

1 Credit

Prerequisite: Credit in Algebra I, Geometry 1, 2 and Intermediate Algebra.

This two-semester course addresses a variety of topics and areas in mathematics that are not normally studied in other courses. There is a consistent use of problem-solving strategies and analytic techniques in the course. Topics examine include collecting and describing data, probability and statistical inferences, game theory, logic, linear programming and task organization including critical path and scheduling. Mathematical analysis of social issues including voting systems, decision making and environmental issues are examined. This course prepares students for a liberal arts/humanities or fine arts college education and is accepted as one of the four credits required for university entrance.

PRE-CALCULUS 1, 2

13731, 13732

GRADES 11, 12

1 Credit

Prerequisite: Credit in Intermediate Algebra with a grade of "C" or better.

This course covers topics in algebraic functions, equations, circular functions, vectors, matrices, complex numbers, and polar coordinates, probability and statistics and additional advanced topics.

PRE-CALCULUS 1, TRIGONOMETRY HONORS

13771, 13671

GRADES 10, 11, 12

1 Credit

Prerequisite: A or B in Intermediate Algebra or C or better in Honors Geometry and a strong work ethic.

This honors level course is taught at an accelerated pace with enrichment. Students extend their knowledge of polynomial, rational, exponential, logarithmic, and trigonometric functions. In addition, students study vectors, matrices, complex numbers, polar coordinates, probability, statistics, sequences, and series.

AP Courses

CALCULUS A.P. AB

13772, 13905

GRADES 11, 12

1 Credit

Prerequisite: Credit in Pre-Calculus with a grade of C.

This two-semester course uses the concepts of analytic geometry and provides a rigorous in-depth study of the first two semesters of differential and integral calculus. Topics included in the course are limits, continuity, differentiation, and the integration of algebraic and basic trigonometric functions. Throughout the course, understanding is stressed over memorization. Practical problems and applications are studies to help students appreciate the calculus as a problem-solving tool. Upon completion of this course students are well prepared and expected to take the Advanced Placement Calculus test which can result in one semester of college credit. This course will require students to complete summer assignments before the class begins next fall. Failure to complete these assignments will result in the student being dropped from the course.

PRECALCULUS 2 HONORS, CALCULUS A.P. AB 1

13905

GRADE 12

1 Credit

Prerequisite: Honors PreCalculus/Trig.

This is an enriched college-level course devoted to the study of mathematical functions, vectors, matrices, complex numbers, polar coordinates, sequences, and series limits, continuity, and the differentiation of algebraic functions including the product, quotient, power, and chain rules, and implicit differentiation. This course will require students to complete summer assignments before the class begins next fall. Failure to complete these assignments will result in the student being dropped from the course.

**A.P. CALCULUS BC
13906**

GRADE 12

1 Credit

Prerequisite: Pre-Calculus 2 Honors,
A.P. Calculus AB 1.

The second and third semesters of Advance Placement Calculus examine topics such as both transcendental and algebraic functions, advanced integrations techniques, polar regions, solid analytic geometry, vector functions, parametric equations, infinite series and differential equations. Theory and application are integrated throughout. Upon completion of this course students are well prepared and expected to take the Advanced Placement Calculus test which can result in two semesters of college credit. This course will require students to complete summer assignments before the class begins next fall. Failure to complete these assignments will result in the student being dropped from the course.

MODERN AND CLASSICAL LANGUAGES

**AMERICAN SIGN LANGUAGE 1
12781, 12782**

GRADES 9, 10, 11, 12

1 Credit

An introduction to the principles, methods and techniques of American Sign Language. Cultural and linguist information will also be covered. In this class, students will learn how to exchange personal information, i.e., exchange names, tell where they live and talk about their families. Students will also learn how to make appropriate introductions, get attention and negotiate the environment of signed conversations. Students will be exposed to Deaf culture and American Sign Language Literature through videotaped presentations, modeling appropriate language and cultural behaviors in various situations.

**AMERICAN SIGN LANGUAGE 2
12783, 12784**

GRADES 10, 11, 12

1 Credit

Prerequisite: Pass American Sign Language 1 with a "C" or better.

Students will continue to develop the skills learned in American Sign Language I with more of a conversational emphasis. There will be an in-depth study of American Sign Language requiring the student to think in the language. Students will continue to focus on culture and participate in community events which may include, but is not limited to, Silent Weekend and the Deaf Expo.

**AMERICAN SIGN LANGUAGE 3
15357, 15358**

GRADES 10, 11, 12

1 Credit

Prerequisite: Pass American Sign Language 2 with a "C" or better.

Students will continue to study the language in-depth and become more proficient speakers.

**CHINESE 1, 2
12191, 12192**

GRADE 9, 10, 11, 12

1 Credit

Students are introduced to basic grammar, sentence patterns and conversational vocabulary of Mandarin Chinese, using the Pinyin system of writing adapted from the Roman alphabet. The goal of the first year of Chinese is mastery of basic sentence patterns sufficient to permit students to (1) engage in meaningful direct conversation, and (2) expand their basic conversational skills through the acquisition of new vocabulary. In addition, students will be introduced to 100 simplified Chinese characters as they begin to learn the traditional writing system. Mandarin is the official language of instruction in all the schools in China. Pinyin and simplified characters are the two officially sanctioned writing systems in use throughout China.

**CHINESE 3, 4
12193, 12194**

GRADES 10, 11, 12

1 Credit

Prerequisite: Chinese 1, 2.

Students expand their conversational skills through the acquisition of enrichment sentence patterns and the continued acquisition of new vocabulary. In addition, they are introduced to an additional 500 simplified characters. The goals of the second year are (1) mastery sufficient to permit the student to participate comfortably in social conversation; and (2) the acquisition of a firm beginning foundation in the traditional Chinese writing system, generally considered to be 600 characters. Semi-Independent study opportunities will be provided for particularly able students who wish to expand their knowledge of written Chinese beyond the 600-character level.

CHINESE 5, 6
12195, 12196

GRADES 11, 12
1 Credit

Prerequisite: Chinese 3, 4.

Students will continue to study the language in-depth and become more proficient speakers and writers.

FRENCH 1, 2
12131, 12132

GRADES 9, 10, 11, 12
1 Credit

Prerequisite: Recommended that incoming Freshmen earned an A or B in 8th grade language arts. Recommended that Sophomores, Juniors and Seniors have a C or better in English.

Students acquire basic listening, speaking, reading, and writing skills. Correct pronunciation and authentic intonation are developed. Supplementary audio-visual materials are used. Students are introduced to French culture through videos and classroom activities. The course is conducted mainly in French with grammar explanations in French and English. Short written assignments are due regularly.

FRENCH 3, 4
12331, 12332

GRADES 9, 10, 11, 12
1 Credit

Prerequisite: French 1, 2 or equal proficiency as approved by instructor.

Students expand the listening, speaking, reading, and writing skills acquired in French 1, 2. Understanding of the structure of the language is deepened and both past and future tenses are learned. Some simple French literature may be introduced. Audio-visual aids broaden students' understanding of French culture and civilization. The course is conducted mainly in French with some grammar explanations in English. Written assignments are due regularly.

FRENCH 5, 6
12531, 12532

GRADE 10, 11, 12
1 Credit

Prerequisite: French 3, 4 or equal proficiency as approved by instructor.

Students further refine their command of communication skills. More verb tenses and complex grammatical structures are learned. Students read non-edited literary selections including a short novel. Culture, civilization and history of the French-speaking countries constitute a focal point of reading selections and diverse materials in French. This course is largely conducted in French with English used to clarify concepts. Written assignments are due regularly.

FRENCH 7, 8
12731, 12732

GRADES 10, 11, 12
1 Credit

Prerequisite: French 5, 6 or equal proficiency as approved by instructor.

Students continue to refine their command of communication skills. They learn higher level grammatical structures and read literary selections of various genres and lengths. Culture, civilization and history of French-speaking countries constitute a focal point of reading selections and diverse materials in French. This course is conducted in French unless English is needed to clarify concepts. Written assignments are due regularly.

LATIN 1, 2
12151, 12152

GRADE 9, 10, 11, 12
1 Credit

Prerequisite: Recommend that incoming Freshmen earned an A or B in 8th grade Language Arts.

This introductory course exposes students to the Latin language and its origin. Emphasis is placed on the development of proficiency in grammar, writing and oral recitation as well as the study of Latin's impact on Western Civilization.

LATIN 3, 4
12351, 12352

GRADES 10, 11, 12
1 Credit

Prerequisite: Latin 1, 2 or equal proficiency as approved by instructor. Recommend that incoming students earned a C or better in Latin 1, 2.

The second year course continues the study of the vocabulary, grammar and structure of Latin. Proficiency in writing and oral recitation continues as the student develops skill in the language. The effect of Latin on modern languages and its continued use in science and medicine are explored. There are frequent written assignments and quizzes.

LATIN 5, 6**12551, 12552**

GRADES 10, 11, 12

1 Credit

Prerequisite: Latin 3, 4 or equal proficiency as approved by instructor.

The third year course expands the proficiency of students in their understanding of Latin. Original works of Latin prose and poetry on topics of historical and cultural significance are read. There are frequent written assignments and quizzes.

LATIN 7, 8**12751, 12752**

GRADES 11, 12

1 Credit

Prerequisite: Latin 5, 6 or equal proficiency as approved by instructor.

The fourth year course emphasizes proficiency and familiarity with the great works in Latin prose and poetry with central positions for Cicero and Virgil. Great emphasis is placed on the lessons of Latin grammar and sentence structure for English composition. There are frequent written assignments and quizzes.

ROSETTA STONE LANGUAGES**15100 (Study Hall)**

GRADES 9, 10, 11, 12

1 Credit

This course will be offered as a study hall for students interested in taking a first and/or second year of a modern classical language including German, Russian during school. The student also has the option of taking the course from home.

SPANISH 1, 2**12111, 12112**

GRADES 9, 10, 11, 12

1 Credit

Prerequisite: Incoming Freshman should have earned an A or B in 8th grade Language Arts.

This first year Spanish course prepares students to communicate both verbally as well as in writing and to comprehend written and spoken Spanish. Topics for listening, speaking, reading and writing include school, friends, family, themselves, activities, plans, likes and dislikes. Lessons focus on vocabulary, grammar, spelling and pronunciation. Culture lessons enable students to learn about the rich heritage of the 21 countries where Spanish is spoken. Optional participation in the Southern Arizona Language Fair (spring semester) offers students a chance to demonstrate their learning."

SPANISH 3, 4**12311, 12312**

GRADES 9, 10, 11, 12

1 Credit

Prerequisite: Spanish 3, 4 students should have completed with Spanish 1, 2 with a grade of an A or B.

The second year Spanish course continues to prepare students to communicate in Spanish, both in production and comprehension. Topics for listening, speaking, reading and writing include a review of first year topics and an emphasis on discussing events that happened in the past. Other topics include giving commands and making comparisons. Lessons have a greater focus on grammar. Cultural lessons expand upon students' knowledge of cultural topics presented in first year Spanish. Students have the option of participating in the Southern Arizona Language Fair (Spring semester). A Spanish/English dictionary is recommended as a basic resource text.

SPANISH 5, 6**12511, 12512**

GRADES 11, 12

1 Credit

Prerequisite: Recommend that incoming students successfully complete Spanish 3, 4 with a grade of A or B, a writing sample and a recommendation by the Spanish 3, 4 instructor.

This third year course will cover units 5-8 in the Dime Dos textbook. The students will learn complex grammatical structures, read short stories and improve their writing, reading, listening and speaking skills. Students will do oral presentations in Spanish and will be required to complete a portfolio by the end of the second semester as part of their final grade.

SPANISH 7, 8**12711, 12712**

GRADES 11, 12

1 Credit

Prerequisite: Successful completion of the Spanish 5, 6 with a grade of A or B, or approval by instructor.

This fourth year course focuses on the development of fluency in expression and composition. Major Spanish and Latin American literary works are studied. The class is conducted in Spanish. A Spanish/English dictionary is recommended as a basic resource text.

SPANISH/HERITAGE LEARNERS 1

12301

GRADES 9, 10, 11, 12

1 Credit

Prerequisite: Students registered for this class must be certified English proficient. Heritage Spanish is for students who speak some Spanish at home but have never studied it in a Spanish speaking country.

Recommended that incoming freshmen students earned an A or B 8th grade Language Arts.

This first year Heritage Spanish is for students who speak some Spanish at home but have never studied it in a Spanish speaking country. Students will improve reading, writing, comprehension and speaking skills that they bring to the class. The course will especially focus on refining students' skills of writing, speaking and grammar. The course is conducted mainly in Spanish.

SPANISH/HERITAGE LEARNERS 2

12302

GRADES 9, 10, 11, 12

1 Credit

Students registered for this class must be certified English proficient.

Prerequisite: Recommended that incoming freshmen students earned an A or B in 8th grade language arts and earned a C or higher in Spanish for H.S. credit. This second year Heritage Spanish is for students who speak some Spanish at home but have never studied it in a Spanish speaking country.

This course continues to build upon the skills acquired in Spanish/Heritage Learners 1, 2. Students will improve reading, writing, comprehension and speaking skills that they bring to the class. The course will especially focus on refining students' skills of writing, speaking and grammar. Students will explore literary works, conduct research and present orally. The course is conducted mainly in Spanish.

AP Courses

SPANISH AP

GRADES 11, 12

1 Credit

Prerequisite: Students must have satisfactorily completed 4 levels of Spanish and/or must have a written recommendation from the previous Spanish teacher and approval from the AP teacher.

The Spanish AP Language course is a rigorous class that provides frequent opportunities for students to integrate the four language skills through the use of authentic materials. Students will develop a familiarity with literary analysis vocabulary, will be able to compare and contrast overarching themes and will, in turn, be able to write critically about literature beyond the plot summary thus improving their writing. In addition, students will be able to engage in a literary class discussion and continue to improve their speaking skills. Because much of the preparation for the May exam is done in class, especially the listen and speaking, **students who are frequently absent**, will have a difficult time keeping up with the course work. Students will be assigned homework weekly and will be expected to complete it and come prepared to discuss it in class the following day.

All students enrolled in the AP Spanish Language Course are expected to take the AP Language Exam in May. The exam is part of the final grade.

PHYSICAL EDUCATION

Due to construction of the THMS Gymnasium during the 2009-2010 school year, Physical Education classes will be limited. Senior and Junior students will be given preference for signing up for courses in order to meet the 1 credit graduation requirement. All students are encouraged to see their counselors for online and other alternative options for PE credit.

BODY CONDITIONING III

16453

GRADES 11, 12

1 Credit

Prerequisite: Membership in a Varsity sports team and/or instructor's approval.

This course is for the serious students who already have the basic knowledge in Body Conditioning. Students are taught advanced techniques in sports training to increase their effectiveness in strength, speed and explosiveness. The introduction to Olympic lifting and power lifting is included. The advanced students design a fitness program. This class incorporates state-of-the-art methods in strength and conditioning training, utilizing speed, plyometric, agility, flexibility, and weight training techniques as well as in-and out-of season rest and nutrition strategies. Journals are

required for all classes. Proper PE attire is required (T-shirt and shorts, warm-ups/sweats, athletic shoes). Parent permission slip and teacher approval are also required. Students must provide their own transportation to and from Cherry Field.

GOLF BEGINNING

16297, 16298

GRADES 10, 11, 12

1 Credit

Prerequisite: Members of the Golf Team have enrollment priority.

This course introduces students to the fundamentals of golf. Points of emphasis include but are not limited to: grip, putting, chipping, pitching and the complete swing. Students are also introduced to golf etiquette and rules of the game. A journal is required for this course. Parent permission slip and teacher approval are also required. Students must provide their own transportation to and from Silverbell Golf Course and El Rio Golf Course. Required fee.

HEALTH EDUCATION

16307

GRADES 10, 11, 12

.50 Credit

Students demonstrate the ability to advocate for personal, family and community health, to use goal setting and decision-making skills to enhance health, to use interpersonal skills to enhance health, to analyze the influence of culture, media, technology and other factors on health, to practice health-enhancing behaviors and reduce health risks, to access accurate health information and to comprehend concepts related to health promotion and disease prevention.

INTERNATIONAL SPORTS (MID-VALLEY)

16742

GRADES 11, 12

.50 Credit

This lifetime sports course teaches basic skills to maintain good overall physical fitness. The following activities may be offered to enhance general physical fitness: basketball, racquetball, weight training, aerobics, and lap swimming. General physical fitness is enhanced through participation in a daily exercise program. **Fee is \$45/semester at Mid-Valley Athletic Club. Students must provide their own transportation.** Proper PE attire is required (T-shirt and shorts, warm-ups/sweats, athletic shoes).

PHYSICAL EDUCATION FOR GIRLS 16117

PHYSICAL EDUCATION FOR BOYS 16118

GRADE 12

.50 Credit

Prerequisite: This course is for seniors who need PE credit for graduation.

This lifetime sports course teaches basic skills to maintain good overall physical fitness. The following activities may be offered, depending on the class period, to enhance general physical fitness: basketball, racquetball, weight training, hiking and aerobics. General physical activity is enhanced through participation in a daily exercise program. Proper PE attire is required (T-shirt and shorts, warm-ups/sweats, athletic shoes).

YOGA A, B (ASHTANGA)

16267, 16268

GRADES 9, 10, 11, 12

.50 Credit

This course exposes students to the basic skills needed to develop a life long yoga practice. It emphasizes, breathing, stretching and strength enhances postures from the Ashtanga tradition. The postures are taught in a "vinyasa" technique that teachers each posture with the correct breathing technique. The students will be expected to memorize and perform the Ashtanga Primary series. The skills developed through the practice help to reduce stress, increase concentration and enhance life long health. Along with the physical practices the course will use texts such as Patanjali's Yoga Sūtras and The Hatha Yoga Pradipika to explore the philosophical origins and history of Yoga. The course covers a wide variety of physical and philosophical challenges that will prepare students for all levels of Yoga practice. Students will be expected to dress out daily in appropriate Yoga attire.

YOGA C, D (HATHA)

16269, 16260

GRADES 10, 11, 12

.50 Credit

Students will develop a personal yoga practice through classroom participation in physical postures, breath work, and discussions of Yogic philosophy. The physical aspects of the course focus on breath awareness, as well as flexibility and strength-enhancing exercises from the *Hatha* yoga tradition. The postures are taught in a *vinyasa* style where breath, movement, and mindfulness are integrated. Students will also explore, discuss and write about Yogic philosophy and its intersection with other eastern philosophies (Taoism, Buddhism, etc) and apply them to their

understanding of the physical, energetic and philosophical aspects of Yoga. Through participation in this class, students will be encouraged to become regular practitioners and will be challenged both physically and mentally with a rigorous curriculum. Our focus on balance in mind and body will enhance their abilities in managing stress, becoming more resilient, self-confident, and happy. Students are expected to dress out daily in appropriate yoga attire.

ADVANCED YOGA (ASHTANGA)

TBA

GRADES 10, 11, 12

.50 Credit

Prerequisite: Completed one year of Yoga and/or teacher recommendation.

This course is designed to continue the development of effective alignment, correct breathing and advanced levels of Yogic Philosophy. Students will be exposed to the Intermediate series of the Ashtanga tradition as well as a variety of advance pranayama (breath control) exercises. The course is physically and philosophically vigorous. This course is designed to lay the foundations for a life long Yoga practice. Students will be expected to dress out daily.

SCIENCE

Core Courses

INTEGRATED SCIENCE 1, 2

03241, 03242

GRADE 9

1 Credit

This introductory laboratory-based course lays the necessary foundation for the upper level science curriculum. Concepts are approached in a hands-on style that emphasizes problem-solving techniques and science process skills. Semester 1 focuses on motion, forces and energy, while Semester 2 covers the structure and properties of matter, geochemical cycles and the earth system. *This course will also be available in Spanish or as an SEI class. Students developing proficiency in English must have waivers signed by parent or guardian to be in the Spanish class.*

CONCEPTUAL PHYSICS 1, 2

03671, 03672

GRADE 9

1 Credit

Prerequisite: 9th grade students with 70% or higher on standardized test in reading, math placement score of 32 or higher. Concurrent enrollment in Honors Algebra, Geometry, or Honors Geometry. Concurrent enrollment in Honors English or GATE English.

This course provides an honors-level introduction to concepts of physics (e.g. mechanics, energy, wave phenomena) and their applications to earth and space science. Course activities include laboratories, lectures, films, problem solving, projects, reading, writing essays, and homework. Those students who do not do homework are unlikely to pass the course. Students must be able to read scientific material at a ninth-grade level and manipulate and solve three-variable equations with one unknown variable (e.g. $F = ma$). This is the freshman year of our honors science sequence, followed by honors chemistry and honors biology.

BIOLOGY 1, 2

03121, 03122

GRADES 10, 11, 12

1 Credit

Prerequisite: Credit in Integrated Science 1, 2 or Conceptual Physics 1, 2 recommended.

In semester 1, students study how the human body works from the molecular level to interactions of body systems. External and internal factors that affect human health are examined. Ethical issues raised by recent scientific discoveries and advanced technologies are explored. Semester 2 explores such topics as biological classification, species diversity, biogeochemical cycles and energy transfer within ecosystems. Students study the interrelationships of organisms and the environment as they are shaped by ecological and evolutionary principles. *This class is also available as a Spanish or SEI class. Students developing proficiency in English must have waivers signed by a parent or guardian to be in the Spanish class.*

BIOLOGY HONORS 1, 2

03321, 03322

GRADES 10, 11, 12

1 Credit

Prerequisite: Credit Chemistry or Honors Chemistry.

This course is an Honors level course for Biology 1, 2. Concepts are taught at an **accelerated pace and in greater depth**. The first quarter will include an overview of chemistry necessary to the understanding of biomolecules and body systems. Some advanced concepts, such as Hardy-Weinberg equilibrium and population genetics are included. Honors students are required to complete a research project.

HONORS BIOLOGY/PLANT SCIENCE 1
03911, 03912

GRADES 11, 12

0.5 Credit

Prerequisite: 2 Credits in science including Biology 1, 2.

This course is an in-depth study of plant biology including general phylogeny, soils and nutrients, plant classification, growth, development, and anatomy. Students develop techniques in irrigation, plant cultivation, and propagation. The large quantity of content covered will require frequent reading assignments, a moderate classwork load, and difficult comprehensive exams.

HONORS BIOLOGY/PLANT SCIENCE 2

Grades 11,12

.5 Credit

Prerequisite: 2 Credits in science including Biology 1, 2

This course is an in-depth study of plant ecology including genetics, evolution, plant identification, and plants native to the region. Students develop techniques in hydroponics, plant cultivation and propagation. The large quantity of content covered will require frequent reading assignments, a moderate classwork load, and difficult comprehensive exams.

ANATOMY/PHYSIOLOGY 1, 2

03181, 03182

GRADES 11, 12

1 Credit

Prerequisite: Credit in Biology 1, 2; or Honors Biology 1, 2

This course is an in depth investigation of the comparative anatomical systems of vertebrates covering the systems of the human body. The course will include a detailed study of the structures and physiological processes of the human body. Students should expect to participate in hands-on dissection of a variety of organisms. Preference will be given to students who express an interest in pursuing a pre-med major in college.

HONORS BIOLOGY/PLANT SCIENCE 3, 4

GRADE 12

1 Credit

Prerequisite: Credit in Honors Biology/Plant Science 1, 2.

This course involves extended exploration in the study of plants designed to give the student the opportunity for focused study in plant sciences. Students design and conduct experiments using knowledge gained in Plant Sciences 1, 2 and produce a research paper documenting their work.

HONORS OCEANOGRAPHY 1

03901

GRADES 11, 12

0.5 Credit

Prerequisite: Two credits in Science and one credit in Algebra.

The marine environment is a unique feature of our planet earth. This course includes the study of the formation of the oceans, world-wide weather patterns and ocean environments from the inter-tidal zone to deep sea rifts. Students complete several short-term projects.

ADVANCED MARINE BIOLOGY 1

03631

GRADES 11, 12

0.5 Credit

Prerequisite: Two credits in science including Biology 1, 2 and one credit in Algebra.

This course studies life forms in the ocean environments from the simplest single-celled organisms to dolphins and whales and the future of the oceans in relation to the human species. Students complete a semester-long research project or set-up and maintain a successful aquarium.

CHEMISTRY 1, 2

03461, 03462

GRADES 10, 11, 12

1 Credit

Prerequisite: Credit in a lab science and Algebra 1, 2; ability to manipulate linear equations and perform computations involving exponents with minimal review.

A study of the structure and properties of matter at the atomic and molecular levels serves as the foundation for investigating practical applications of chemical phenomena. Laboratory investigations and problem-solving techniques are emphasized. This class is geared towards college-bound students and requires homework three days per week.

CHEMISTRY HONORS 1, 2

03561, 03562

GRADES 10, 11, 12

1 Credit

Prerequisite: Credit in a lab science and Algebra 1, 2 or higher; requires proficiency in manipulating linear equations and performing calculations involving exponents and logarithmic functions.

This course is an honors level course for Chemistry 1, 2. Concepts are taught at an accelerated pace and in greater depth. Some advanced concepts, such as titration curves, buffer systems, and reaction kinetics are included.

PHYSICS 1 - SOUND/MUSIC
PHYSICS 2 – ELECTRONICS & OPTICS
03694, 03695

GRADES 10, 11, 12

1 Credit

Prerequisite: One credit of lab science and credit in Algebra I.

This lab course investigates the physical properties of waves and sound production, musical instruments, harmony, scales and hearing, properties of light, mirrors, lenses and optical instruments. Electrostatics, A.C. and D.C. electrical currents and circuitry are studied.

PHYSICS 1, 2

GRADES 10, 11, 12

1 Credit

Prerequisite: Credit in both lab science and Intermediate Algebra. Concurrent enrollment with instructor approval.

This lab course stresses recognition and formulation of definitions, concepts and mathematical models of physical laws.

EARTH AND SPACE SCIENCE 1, 2

03771, 03772

(ASTROBIOLOGY)

GRADES 11, 12

1 Credit

Prerequisite: Two credits in science.

Students will explore topics in astrobiology such as the formation of galaxies and planets and the kind of life that could exist in these extreme environments. Students will review concepts from previous science and math classes, and apply them to the current search for life in the universe. This class is taught at a non-honors pace and requires homework 2 to 3 times per week.

HONORS PLANETARY SCIENCE 1

03783

GRADES 11, 12

.50 CREDIT

Prerequisite: Two credits of lab science and credit in Algebra I.

This course includes a study of the structural geology of the planets, the scale of both the cosmos and our solar system, the history and origin of modern astronomy and light and telescopes. Night time observations both at home and at school are required. How do the stars shine? How big and how old is the universe? If you want to find out, this is the class for you.

HONRS ASTRONOMY OBSERVATIONAL 1

03784

GRADES 11, 12

.50 CREDIT

Prerequisite: Two credits of lab science and credit in Algebra I.

Topics emphasized include life cycles of the stars, structure and composition of the universe, light and telescopes, and the collection and analysis of astronomic data. Observations of the night sky, both at home and at school, are required.

RESEARCH METHODS 1, 2

03978, 03979

GRADE 12

1 Credit

Prerequisite: Two credits of lab science and credit or concurrent enrollment in Intermediate Algebra. Teacher signature required.

This course is designed to give the student an opportunity for in-depth study and research in the sciences. Student must be mature enough to work independently on a research project with a minimum of supervision. Participation in the Southern Arizona Regional Science and Engineering Fair is a requirement of this course.

ADVANCED RESEARCH METHODS 1, 2

03980, 03981

GRADES 12

1 Credit

Prerequisite: Credit in Research Methods 1, 2. Teacher signature required.

This course provides the opportunity for a second year of in-depth study and research in the sciences at an advanced level. Participation in the Southern Arizona Regional Science and Engineering Fair is a requirement of this course.

ADVANCED MICROBIOLOGY 1

Grade 11, 12

.5 Credit

Prerequisite: 2 credits in science including Biology 1, 2 or Honors Biology 1, 2.

Microorganisms are the most diverse and abundant form of life on the planet, creating an invisible world that surrounds us. This course will explore the diversity of microorganisms including bacteria, fungi, protists and protozoan parasites and their roles in the environment, from recycling of nutrients, breaking down pollutants to effecting the behavior and life of other larger organisms. Learn how to collect, culture and isolate, and identify microbes and find out why they are so important to the functioning of our planet.

ADVANCED MICROBIOLOGY 2

Grade 11, 12

0.5 Credit

Prerequisite: 2 credits in science including Biology 1, 2 or Honors Biology 1, 2

There is an invisible world inside you and the microbes in it are affecting your life more than you realize. This course will explore the diversity of microorganisms including bacteria, viruses, fungi, and protists that directly affect your physiology and health. Learn about the role of beneficial microbes inside your body. Explore the immune system and how it responds to the invasion of less friendly microbes. Learn how to collect and culture bacteria and how to identify the different categories of bacteria.

AP Courses

BIOLOGY AP 1, 2

03968

03921-03922

GRADES 11, 12

1 Credit

Prerequisite: Credit in Biology 1, 2 and Chemistry 1, 2. Teacher signature required.

This AP Biology course is designed to be the equivalent of a two-semester college introductory biology course and as such includes those topics regularly covered in a college biology course for majors. The goal of the course is to develop a conceptual framework for modern biology with an emphasis on the topics of molecules and cells; heredity and evolution and organisms and populations. Students should expect daily reading assignments from the text. The required laboratory work may occasionally extend beyond the regularly scheduled class time. **The AP exam will be required.**

PHYSICS B-AP 1, 2

03903

GRADES 11, 12

1 Credit

Prerequisite: Two credits of lab science and proficiency in concepts of Intermediate Algebra. Teacher signature required.

The AP Physics B course includes topics in both modern and classical physics. The goal of the course is to provide a systematic development of the main principles of physics, emphasizing problem solving and helping the student to develop a deep understanding of the physical concepts usually encountered in an introductory college physics course. Knowledge of algebra and basic trigonometry is required; the basic ideas of calculus may be introduced in connection with physical concepts, such as acceleration and work. **The AP Physics B exam will be required.**

CHEMISTRY AP 1, 2

GRADES 11, 12

1 Credit

Prerequisite: Credit in Chemistry 1, 2 and proficiency in Intermediate Algebra. Teacher signature required.

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. It is an in-depth study of the principle concepts of chemistry with an emphasis on chemical calculations, mathematical formulations of principles, and laboratory work that is both collaborative and self-directed. The required laboratory work may occasionally extend beyond the regularly scheduled class time. **The AP exam will be required.**

ENVIRONMENTAL SCIENCE AP

03977

GRADES 11, 12

1 Credit

Prerequisite: Two credits in science including biology and a physical science. Teacher signature required.

Environmental science is interdisciplinary, embracing a wide variety of topics from different areas of study. The goal of the Environmental Science AP course is to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems and to examine alternative solutions for resolving or preventing them. **The AP exam will be required.**

SOCIAL STUDIES

Core Courses

GLOBAL STUDIES GATE 1, 2

19321, 19322

GRADE 10

1 Credit

Prerequisite: Admission into the GATE Program in conjunction with Sophomore GATE English 10 Block. (05341, 05342).

This course fulfills the requirement for World History/Geography. This course offers a thematic look at non-western countries and their cultures. It is oriented toward providing experience at independent research and developing a product from that research. Students develop critical thinking skills by looking at current world problems and their historical beginnings.

AMERICAN HISTORY 1, 2

19511, 19512

Grade 11

1 Credit

American History surveys significant political, cultural, social and economic issues from pre-colonial to the present. The course is taught with a multicultural perspective and includes contributions made by various cultural and ethnic groups and women. Arizona history is included in the course.

**AMERICAN HISTORY HONORS 1, 2
19901, 19902**

*Grade 11
1 Credit*

This course is an Honors level course in American History 1, 2. Concepts are taught at an accelerated pace with an expanded scope. American History surveys significant political, cultural, social and economic issues from pre-colonial to the present. The course is taught with a multicultural perspective and includes contributions made by various cultural and ethnic groups and women. Arizona history is included in the course.

**AMERICAN HISTORY/
AFRICAN AMERICAN STUDIES
19493**

*GRADE 11
1 Credit*

This class fulfills the American History requirement and blocks with African American Literature. This is a course that represents an interdisciplinary study of the breath of the major developments in the unique, broad story of the Indigenous/African/Black experience within the context of U.S. History (up through the present). Traditionally, the contributions and experiences of the Indigenous/African/Black people in U.S. History have been purposefully left out. Students will engage in a course of study that encompasses the pre-enslavement period through current events. Special emphasis will be given to all aspects of themes taught through a critical-thinking, literature-based and writing emphasis approach. The units of study to be covered in this course have been developed in alignment to the Arizona State Social Studies Standards. Students can expect this course to be academically rigorous and critically thought-provoking with a consistent amount of work to be completed throughout the course. This course offers a nontraditional perspective of events in American history.

**AMERICAN HISTORY
HISPANIC STUDIES 1, 2
19521, 19522**

*GRADE 11
1 Credit*

This class fulfills the American History requirement and blocks with Latino Literature 5, 6. American History from Chicano Perspectives focuses on the political, economic, and social aspects of the Mexican American experience. Historic events are centered on the development and definition of identity and culture for Chicanos in the U.S. Included in this course are the struggles for civil rights and contributions of Chicanos in American History. This course offers a nontraditional perspective of events in American history.

**AMERICAN HISTORY/
NATIVE AMERICAN PERSPECTIVES
19494**

*GRADE 11
1 Credit*

This class fulfills the American History requirement and blocks with Literature Native American 1, 2. Students will examine American History and Government from an indigenous people's perspective (pre-Columbus to present day). Students will study European conquests of indigenous people, culture and how it has affected beliefs and customs related to land, quality of life and the social aspect. Students will also be exposed to the reality of cultural genocide, racism and forced assimilation. Students will study various historical documents, such as the Constitution of the United States, landmarks, laws, treaties and institutions in a non-traditional light and how many of America's greatest achievements and creations caused the delineation of indigenous culture. Students will be engaged in critical analysis, higher order thinking and research based assignments and presentations

**AMERICAN HISTORY (PIMA COMMUNITY
COLLEGE CONCURRENT COURSE)
HISTORY 141**

*GRADE 11
1 Credit*

Prerequisite: Successful completion of all PCC entrance requirements.

This course offers a survey of the major developments in American History from the Columbian voyages to the Era of Reconstruction: including Colonial America, the Formative Years 1776-1815, the Early National Period 1815-1850 and the coming of the Civil War and its aftermath. This course also includes the social, intellectual and political aspects of early American life. Era of Reconstruction to the present: including the era of Reconstruction, the emergence of modern America, the early 20th Century and America as a world power. This course also includes the social, intellectual and political aspects of contemporary American life.

**WORLD HISTORY 1, 2
19411, 19412**

*Grade 10
1 Credit*

World History surveys significant political, cultural, social and economic issues from prehistory to the modern age. The course is taught with a multicultural perspective and includes contributions made by various cultural groups and women.

**WORLD HISTORY HONORS 1, 2
19873, 19874**

*Grade 10
1 Credit*

This new course is available to students who are interested in World Affairs and who are willing to spend time outside of class preparing assignments. The course will use the high school text, available in all World History classes, as a guide and will include the same teaching standards to explore the significant political, social, and economic issues from prehistoric times to the modern age. The course will include historical contributions made by a variety of cultures, ethnicities, both genders, and nationalities. The honors designation, however, requires a greater emphasis on assignments that require analysis and evaluation from the student's perspective. This translates into the student's reading a wide variety of historical sources. Students will be expected to participate daily in discussion and to arrive prepared to facilitate not only their personal learning but, also, to be an active participant in the classroom community. Homework will be necessary for the student to be successful in this class. The rigor of assignments, assessments, and project evaluation will be consistent with that of an honors curriculum.

**AMERICAN GOVERNMENT 1, 2
19711, 19712**

*Grade 12
1 Credit*

This American Government course imparts a basic understanding of American political systems and helps to develop knowledgeable and contributing citizens. The local, state, international and federal government functions in the American political system and the importance of a constitutional form of government, including the essentials, sources and history of the constitutions of the United States and Arizona are emphasized.

**AMERICAN GOVERNMENT/ETHNIC
STUDIES
19727**

*Grade 12
1 Credit*

This class fulfills the American Government requirement. The Social Justice Government/Social Justice Education Project is a course wherein students critically examine and analyze the Constitution of the United States, United States system of government and the doctrines and tenets on which the United States was established. Using this examination and analysis as a newly developed lens, students will engage in participatory social action research wherein they will identify issues relevant to their social reality, they will research these issues and the students will create resolution(s) for these issues. This course satisfies the American Government requirement.

Elective Courses

**BUILDING CULTURAL BRIDGES
19002**

*GRADES 9
1 Credit*

Tour the world in Cultural Bridges. This class will examine the geographical wonders of the world as well as focusing on the interesting cultures of those who inhabit planet earth. What lives at the bottom of the ocean? Where is Djibouti? How long have humans pierced their ears? We will grow our understanding of the world around us from local to global through maps, art, digital media, quiz shows and many other hands-on activities. Complement or get ahead of the game for World History with this fun and informative class. Student will receive elective Social Studies credit.

**ECONOMICS
19005**

*GRADES 11, 12
0.5 1 Credit*

This one semester course will highlight the foundation of economic understanding and vocabulary and prepare students for economic proficiency. The following concepts will be covered in this course: cost and benefit analysis, how the circular flow of goods and services in the economy works, how supply and demand in an economy work, how to control costs of starting and maintaining a business, how the government and the Federal Reserve try to keep employment, prices and economic growth stable, how international trade affects currency markets, how to buy a home, how to fill out tax forms, where to save for retirement, and how credit and credit calculation works.

**PSYCHOLOGY A, B
19737, 19738**

*GRADES 11, 12
1 Credit*

Prerequisite: Successful completion of World History 1, 2.

This is a one year survey course that integrates concepts of psychology, sociology and anthropology. Topics covered in this class include: what it means to be human, how we evolved, how we think, how we behave, how our brains work, intelligence, personality, culture, class, race and gender issues. Students will work individually and in groups. They will learn through readings, discussions, homework and videos. Students earn elective credit.

STUDENT GOVERNMENT 1, 2

19001

GRADES 9, 10, 11, 12

1 Credit

Prerequisite: Elected membership to THMS Student Council.

The Student Council comprised of students elected as representatives of the student body, plans and implements programs and activities that contribute to school spirit and student involvement. Freshmen and Sophomore class officer and representatives are required to take the Student Government class.

AP Courses

EUROPEAN HISTORY A.P. 1, 2

19746

GRADES 10, 11, 12

1 Credit

Prerequisite: Teacher recommendation and parent signature is required.

This is an open enrollment college level course that provides an in-depth study of European history since 1450. It introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, they would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop an understanding of some of the principal themes in modern European History; an ability to analyze historical evidence and historical interpretation, and an ability to express historical understanding in writing. **Students are prepared for and expected to take the AP exam.** This course satisfies the World History/Geography requirement.

GOVERNMENT & POLITICS: UNITED STATES A.P. 1, 2

19753

GRADES 11, 12

1 Credit

Prerequisite: Successful completion of American History with a grade of "B" or better, teacher recommendation, and parent signature required.

This is an open enrollment college level course that provides an in-depth and analytical study of government and politics in the United States. This course involved both the student of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, belief, and ideas that constitute U.S. political reality. **Students are prepared for and expected to take the AP exam.**

UNITED STATES HISTORY AP 1, 2

19756-19770 (Repeatable)

GRADES 11, 12

1 Credit

Prerequisite: Teacher recommendation and parent signature is required.

This is an open enrollment college level course in United States history that is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials-their relevance to a given interpretive problem, their reliability, and their importance- and to weigh the evidence and interpretations presented in historical scholarship. An AP United States History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format. **Students are prepared for and expected to take the AP exam.**

WORLD HISTORY AP

GRADES 10, 11, 12

1 Credit

Prerequisite: Teacher recommendation and parent signature is required

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts in different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence. Periodization, explicitly discussed, forms an organizing principle to address change and continuity throughout the course. Specific themes provide further organization to the course, along with consistent attention to contacts among societies that form the core of world history as a field of study.

STUDENT SERVICES

AGAVE DISTANCE LEARNING (ONLINE LEARNING) STUDY HALL 15100

GRADE 10, 11, 12

Multiple courses are available online through Agave Distance Learning. Students need to commit a minimum of 5 hours per week in order to successfully complete courses. Students can work at home and/or be scheduled in a study hall class, at school. It is recommended that a student make up a failed academic course online through Agave Distance Learning. See your counselor first, then register online at agavedistancelearning.com or call 225-2677.

READING 180 15171, 15172

*GRADE 9
1 Credit*

Reading 180 is a comprehensive reading intervention program designed for students who are reading below grade level. The program uses an 85 minute Instructional Model which is divided into three components: Computers, which includes the Reading Zone, Word Zone, Spelling Zone and Success Zone; Whole Class Instruction, which includes the whole class reading articles, then completing a graphic organizer; and Independent Reading, which includes students keeping a reading log, completing worksheets and then answering comprehension questions on the computer. Each student will take a Scholastic Reading Inventory Test at the beginning of the class. Enrollment is based on space availability. This class is mandatory for any student scoring below 800 on Scholastic Reading Inventory test (SRI).

LIBRARY PRACTICE 15407

*GRADES 10, 11, 12
.25 Credit*

Prerequisite: Written permission from the librarian.

Through work experience and written assignments, students are introduced to the many functions of the library and gain knowledge of on-line and print sources. They assist the library staff in serving the Tucson High community. **This is a graded class.**

OFFICE AIDE 15303-15304

*GRADES 11, 12
1 Credit*

Prerequisite: A written request from the student, signed by the division head or office supervisor. Students must have good attendance, Cs or above from the last grading period, passed all three portions of the AIMS and be on-track for graduation (no make-up classes needed).

Students enrolled as office aides assist staff with a variety of clerical responsibilities. Prior to assisting, training can be provided in the areas of Microsoft office programs, typing, filing, copying, answering phones and working with students and staff. Students will receive a Pass or Fail grade.

TEACHER AIDE 15318-15319

*GRADES 11, 12
1 Credit*

Prerequisite: A written request from the student, signed by the teacher. Students must have good attendance, Cs or above from the last grading period, passed all three portions of the AIMS and be on-track for graduation (no make-up classes needed).

Students enrolled as teacher aides assist teachers and staff in a variety of clerical responsibilities. Prior to assisting, training can be provided in the areas of Microsoft office programs, typing, filing, copying, answering phones and working with students and staff. Students will receive a Pass or Fail grade.

Visual and Performing Arts

Performing Arts-Dance

BALLET BEGINNING 1, 2

06231, 06232

GRADES 9, 10, 11, 12

1 Credit Fine Arts or Physical Education

Prerequisite: This class is designed for students with little or no dance experience.

This course is designed as an introduction to Classical Ballet. The emphasis is on the development of efficient alignment, strength and flexibility through Barre, Adagio, Petit Allegro and Grand Allegro work. Basic terminology, an introduction to the history and aesthetics of the dance form as well as comparisons with non-Western classical forms are included. **STUDENTS ARE REQUIRED TO DRESS OUT DAILY IN DANCE ATTIRE. THMS Dance dress code: Black Jazz pants, short sleeve form fitting top that reaches below the waistline, ballet slippers are recommended.**

BALLET INTERMEDIATE 1, 2

06431, 06432 (Repeatable)

GRADES 10, 11, 12

1 Credit Fine Arts or Physical Education

Prerequisite: Ballet 1, 2 and/or audition and instructor permission and signature required

This course is designed to continue the development of efficient alignment, strength and flexibility in the Classical Ballet idiom. Barre work, Adagio, Petite Allegro, and Grand Allegro work are supplemented with expanded terminology, and an introduction to basic anatomy and kinesiology. The course includes a basic survey of the history and aesthetic of the art form as well as the similarities and differences with non-Western dance forms. **STUDENTS ARE REQUIRED TO DRESS OUT DAILY IN DANCE ATTIRE. THMS Dance dress code: Black Jazz pants, short sleeve form fitting top that reaches below the waistline, and ballet slippers.**

BALLET ADVANCED

06733 (Repeatable)

GRADES 10, 11, 12

1 Credit Fine Arts or Physical Education

Prerequisite: Ballet Intermediate 1, 2 and/or audition and instructor permission and signature required

This course is designed to continue the development of efficient alignment, strength and flexibility in the Classical Ballet idiom. Pointe work is introduced. Expanded terminology, basic anatomy and kinesiology and history, aesthetics and cross cultural comparisons are complemented with basic elements of music relevant to dance. This course prepares students to audition for college dance programs. **STUDENTS ARE REQUIRED TO DRESS OUT DAILY IN DANCE ATTIRE. THMS Dance dress code: Black Jazz pants, short sleeve form fitting top that reaches below the waistline, and ballet slippers.** AIA activity - This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class. Students must be available for after school rehearsals and performances.

DANCE BEGINNING 1, 2

06131- 06132

GRADE S 9, 10, 11, 12

.5 OR 1 Credit Fine Arts or Physical Education

Prerequisite: This class is designed for students with NO PREVIOUS DANCE EXPERIENCE. This course satisfies ½ credit per semester of the Fine Arts or Physical Education requirement and can be taken for one semester or both semesters.

Dance Beginning 1, 2 is a studio dance class designed for students with NO dance experience at all. Students learn general dance concepts, basic coordination required for dance, simple anatomy, and an outline of dance history as well as basic movement vocabularies for different concert dance styles (ballet, jazz and modern); and have opportunities to explore other dance styles when possible (i.e. tap, folklorico, improvisation). **STUDENTS ARE REQUIRED TO DRESS OUT DAILY IN DANCE ATTIRE. THMS Dance dress code: Black Jazz Pants and short sleeved form fitting top that reaches below the waistline.** *Students enrolled in this class must perform in class, but are not required to perform outside the classroom setting.*

DANCE BEGINNING TAP (Repeatable)

06353

GRADES 9, 10, 11, 12

1 Credit Fine Arts or Physical Education

Prerequisite: This class is designed for students with little or no dance experience.

Beginning Rhythm Tap is designed to introduce beginning students to the skill, technique, and terminology of rhythm tap dance. Students explore the history of tap dance, its evolution, current tap styles, proper alignment and rhythmic coordination. Students will create "in class" group choreography. **STUDENTS ARE REQUIRED TO DRESS OUT DAILY IN DANCE ATTIRE.** Tap shoes are required.

**FOLKLORICO I 2231
06223**

GRADES 9, 10, 11, 12

1 Credit Fine Arts or Physical Education

Prerequisite: This class is designed for students with little or no dance experience.

Folklorico Dance introduces students to the basic technique steps, terminology, formation, and positions of Mexican folk dance. It develops the recognition and identification of sequences and transitions in folk dancing and acquaints students with basic choreography for performance. This includes etiquette traditional to the dance. Students will study geography and cultures of Mexico to better their understanding of the dances. Students in this class will also experience Pilates conditioning, ballet, and modern movement. **STUDENTS ARE REQUIRED TO DRESS OUT IN DANCE ATTIRE DAILY.**

**FOLKLORICO III 2241
06224 (Repeatable)**

GRADES 9, 10, 11, 12

1 Credit Fine Arts or Physical Education

Prerequisite: Folklorico I and/or an audition and instructor permission and signature required

This course is a continuation of Folklorico I. It is open to students who have mastered basic steps from various states in Mexico. Students learn more difficult dance techniques and choreography. **STUDENTS ARE REQUIRED TO DRESS OUT IN DANCE ATTIRE DAILY.** Folklorico shoes are required.

**FOLKLORICO V 2251 06225
(Repeatable)**

GRADES 10, 11, 12

1 Credit Fine Arts or Physical Education

Prerequisite: Folklorico III and/or audition and instructor permission and signature required

This course is a continuation of Folklorico III. It is designed for students who display talent in Folklorico dance and want to continue learning more difficult dances, but are not interested or cannot participate in regular evening rehearsals and performances throughout the year. **STUDENTS ARE REQUIRED TO DRESS OUT IN DANCE ATTIRE DAILY.** Folklorico shoes are required. AIA activity - This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class. **Students must be available for after school rehearsals and performances.**

“LOS TUCSONENSES”

06311-06312 (Repeatable)

GRADES 10, 11, 12

1 Credit Fine Arts or Physical Education

Prerequisite: Folklorico V and/or audition and instructor permission and signature required

Los Tucsonenses is open to students who have mastered basic steps from various states in Mexico. Grupo Folklorico Los Tucsonenses will serve as representatives of Tucson High Magnet School at festivals, workshops and community performances. Students learn more difficult dances. Advanced zapateado and choreography technique will be stressed with performances as a focus. In addition, students will continue with advanced exploration of Pilates conditioning, Mexican social dances, and modern movement. Participants are expected to attend regular evening rehearsals and performances. **STUDENTS ARE REQUIRED TO DRESS OUT IN DANCE ATTIRE DAILY.** Folklorico shoes are required. AIA Activity - This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class. **Students must be available for after school rehearsals and performances.**

**JAZZ DANCE I 2651
06265**

GRADES 9, 10, 11, 12

1 Credit Fine Arts or Physical Education

Prerequisite: This class is designed for students with little or no dance experience.

This course is designed to introduce the beginning dancer to jazz dance as a performing art form. This class concentrates on developing jazz dance technique, body alignment and rhythmic coordination. This course will introduce the beginning dancer to basic anatomy, ballet for the jazz dancer, choreography and the history of jazz dance. Students will have opportunities to perform. This course is a creative and positive learning experience for the beginning level student. **STUDENTS ARE REQUIRED TO DRESS OUT DAILY IN DANCE ATTIRE. THMS Dance dress code: Black Jazz pants, short sleeve form fitting top that reaches below the waistline. Jazz shoes are recommended.**

**JAZZ DANCE III 2661
06266 (Repeatable)**

GRADES 10, 11, 12

1 Credit Fine Arts or Physical Education

Prerequisite: Successful completion of Jazz Dance I and/or audition and instructor permission and signature required

This course continues to explore Jazz Dance as a performing art form emphasizing Jazz Dance technique, complex rhythmic skills, nutrition, in depth study of anatomy and its relationship to dance, Jazz choreography, Jazz history and its evolution and relationship to Jazz music. There are increased opportunities to choreograph and perform individual or group pieces. **STUDENTS ARE REQUIRED TO DRESS OUT DAILY IN DANCE ATTIRE. THMS Dance dress code: Black Jazz pants, short sleeve form fitting top that reaches below the waist line and Jazz shoes are required.**

JAZZ DANCE V 5231**06523** (Repeatable)

GRADES 11, 12

1 Credit Fine Arts or Physical Education

Prerequisite: Successful Completion of Jazz Dance III and/or audition and instructor permission and signature required

This course is designed for the serious advanced dancer. It will explore Jazz music, its relationship to Jazz dance, various choreographic styles, nutrition, dance production and dance careers. There will be increased opportunities to choreograph and perform group and individual pieces, required for in class performances, in schools and in the community. **STUDENTS ARE REQUIRED TO DRESS OUT DAILY IN DANCE ATTIRE. THMS Dance dress code: Black Jazz pants, short sleeve form fitting top that reaches below the waist line and Jazz shoes are required.** AIA activity. This course requires a \$50.00 performing fee and eligibility forms. These fees must be paid prior to attending class. Students are expected to be available for after school rehearsals and performances.

**MODERN DANCE I 2501
06250**

GRADES 9, 10, 11, 12

1 Credit Fine Arts or Physical Education

Prerequisite: This class is designed for students with little or no dance experience.

Modern Dance I is designed to introduce beginning dancers to modern dance as a theatrical art form through participation in modern dance technique classes, study of modern dance history and theory, and anatomy for dancers. They may have opportunities to attend professional dance performances and participate in master classes with visiting artists. Students learn basic dance vocabulary, balance, rhythm, flexibility and center control in dance sequences and combinations, and how to create their own dances. Students have opportunities to participate in curricular performances and are expected to be available for after school and evening rehearsals for those performances when necessary. **STUDENTS ARE REQUIRED TO DRESS OUT IN DANCE ATTIRE DAILY. THMS Dance dress code: Black Jazz pants and short sleeved form fitting top that reaches below the waist line.** *Students are required to participate in classroom performances.*

MODERN DANCE III 2511**06251** (Repeatable)

GRADES 10, 11, 12

1 Credit Fine Arts or Physical Education

Prerequisite: Successful completion of Modern Dance I and/or audition and instructor permission and signature required

Modern Dance III is designed for students with previous dance training. It builds on foundations established in level I. Students explore modern dance as a medium for personal and cultural artistic expression; they create their own dances and choose music, costumes and lighting effects that strengthen their dances for performance. They may have opportunities to attend professional dance performances and participate in master classes with visiting artists. Students have opportunities to participate in curricular performances and are expected to be available for after school and evening rehearsals for those performances when necessary. **STUDENTS ARE REQUIRED TO DRESS OUT IN DANCE ATTIRE DAILY. THMS Dance dress code: Black Jazz pants and short sleeved form fitting top that reaches below the waist line.** *Students are required to participate in classroom performances.*

MODERN DANCE V 2521**06252** (Repeatable)

GRADES 10, 11, 12

1 Credit Fine Arts or Physical Education

Prerequisite: Successful completion of Modern Dance III and/or audition and instructor permission and signature required

Modern Dance V is designed for serious advanced dance students. Students participate in technique classes, expand their exploration of modern dance history and theory, view and critique professional choreography, work with guest artists (master classes etc.) and create and analyze dances of their own and their peers. Students broaden their study of modern dance as an interdisciplinary, theatrical art form by exploring works by artists from many cultural backgrounds within the U.S.A and throughout the world. Students have opportunities to choreograph and perform throughout the year and are expected to be available for after school rehearsals to support the performance preparation process. **STUDENTS ARE REQUIRED TO DRESS OUT IN DANCE ATTIRE DAILY. THMS Dance dress code: Black Jazz pants, and short sleeve form fitting top, that reaches below the waist line.** AIA activity - This course requires a \$50.00 fee and completion and filing of eligibility forms. Fees must be paid prior to attending the class. Students MUST be available for AFTER SCHOOL rehearsals, performance rehearsals and school time and evening performances.

Performing Arts-Drama**DRAMA BEGINNING 1, 2****06291-06292**

GRADES 9, 10, 11, 12

1 Credit

This course represents the first level of theatrical training at Tucson High, and serves both the student new to theatre as well as those with previous experience and confidence. Students will work on acting, performance theory and criticism (including film analysis), dramatic structure, theatre and acting terminology, & improvisation. In the first semester, students will write and perform original material, both in small groups and alone. Students will learn to develop confidence onstage, how to constructively critique the work of their fellow students, physical and emotional life as part of

characterization, along with the basics of lighting and sound to enhance performance. All work will receive intensive direction and discussion from the instructor. The year will culminate with the analysis and performance of scripted scenes from plays. Please note: All students entering the Tucson High Theatre Department are required to start with this course, regardless of previous experience.

DRAMA III 3981Z
06398 (Repeatable)

GRADES 10, 11, 12

1 Credit

Prerequisite: Drama Beginning 1, 2. Audition process to occur in Drama 1, 2 classes, also applicable to Film Acting. Instructor permission. This course requires an audition and signature of instructor.

This course takes students with a serious commitment to theatre into the next level of actor training. Students will continue the themes begun in Beginning Drama (acting, performance criticism, dramatic structure, theatre and acting terminology, theatre history, and scene development) Tracing the roots of theatre history beginning with ancient Greece, students will study historical acting styles and apply them in performance to invited audiences. Previous classes have performed Shakespearean scenes, scenes from the play "Sly Fox" and from the television series "Frasier" to illustrate various forms of theatrical history and styles. The works of Tennessee Williams and Neil Simon will also be studied. Performances will be held during class time for invited audiences as well as scheduled evening performances for family and friends. Students will be required to memorize lines and stage blocking.

DRAMA V 5981Z
06598 (Repeatable)

GRADES 10, 11, 12

1 Credit

Prerequisite: Drama III and instructor permission through a formal audition. This course requires an audition and signature of instructor.

Advanced Drama is for the serious student of the theatre. All students will be involved in the conceiving, writing, and performing of an original play, to be performed as part of the theatre program's season. They will learn advanced scene technique and script analysis, and perform monologues from plays throughout the year. We will work further into theatre history and terminology, styles, emotional life & truth onstage, improvisation, acting theory, & scene and dramatic structure, as well as the basic elements of design. We will spend time on the language and work of Shakespeare, and all students will participate in the Shakespeare competition. Guest artists will also visit and work with students. All work will receive intensive direction and coaching, and all performances in class will be discussed and analyzed in detail. AIA activity. This course requires a \$50.00 fee and eligibility forms. *These fees must be paid prior to attending the class.*

FILM ACTING 1 1251
06125

GRADE 10, 11, 12

1 credit

Prerequisite: Drama 1, 2 or Interactive Digital Media 1, 2. Interview and audition process occurring in Drama 1, 2 classes. Instructor permission required. This course requires an audition and signature of instructor.

Students will expand basic stage acting techniques and learn how to make these techniques adaptable to the screen in various forms including; commercial, soap opera, screenplay, as well as MOS (no sound) film acting. Students study audition and acting techniques from the book Audition by Michael Shurtleff and apply them to scenes from films. (Scenes from the films "Almost Famous", "10 Things I Hate About You", and "Tortilla Soup" are examples of scenes filmed in class) During 2nd semester of Film Acting, students will all "pitch" an idea for a music video and exemplary pitches will be produced into a music video. All students participate in some aspect of this project. Film Acting joins with the Interactive Digital Media class for a spring Film Festival that gives awards for Film Acting Student of the Year, Music Video of the Year, etc.

STAGE MANAGEMENT I 4901
06490

GRADE 10, 11, 12

1 credit

This course is designed to introduce students to the basic functions and use of various theatrical sound, light, and stagecraft equipment and techniques as it applies to stage management. Students are encouraged to participate as members of the stage crew for performances held at THMS. It involves the use of shop tools, fabrics, paints, light and sound equipment, backdrops, curtains, props, and other technical equipment as it applies to stage production. Students incorporate the use of such equipment into a basic understanding of production so as to advance to Stage Management 3, 4.

STAGE MANAGEMENT 3, 4
06491- 06492 (Repeatable)

GRADE 10, 11, 12

1 credit

Prerequisite: Successful completion of Stage Management I and instructor permission and signature.

The course is designed for students who already have the basic knowledge of theatrical sound, light, and stagecraft equipment and techniques and are interested in learning more about the stage management field. It involves the use of shop tools, fabrics, paints, light and sound equipment as it applies to stage productions performed on stage at Tucson High Magnet School. Students in this class will create sets for drama productions. Students incorporate the use of such equipment into a more advanced understanding of production so as to progress to Stage Management 5.

STAGE MANAGEMENT 5 4971Z

06497 (Repeatable)

GRADE 11, 12

1 credit

Prerequisite: Successful completion of Stage Management 3, 4 and instructor permission and signature.

The course is designed for the most advanced students from Stage Management 3, 4 and provides them knowledge and preparation to become working theatre technicians. Students work regularly with the most sophisticated equipment available at Tucson High Magnet School. These students assume the responsibilities and duties of technical personnel for assemblies and evening performances on all Tucson High stages as well as overseeing students in the other stage management classes. Students study a variety of stages and stage managers in the Tucson community and may be referred to local and national production companies and theaters for possible employment.

Performing Arts - Instrumental

CONCERT BAND

06174 (Repeatable)

GRADE 9, 10, 11, 12

1 Credit

Prerequisite: Previous experience in middle school band or consent of director.

This class is exclusively for students who have chosen not to participate in the marching band. Instruction will focus on both individual and ensemble instrumental techniques. Students will be exposed to a variety of music from the intermediate-level concert band literature, while improving their understanding of musical notation and expression.

All students will be required to read music and to practice regularly at home. The spring semester will require attendance at weekly nighttime rehearsals and a few performances. A great attitude and positive work ethic will be expected of all THS Band members. **AIA activity. This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class.**

MARCHING BRASS & SYMPHONIC BAND

(Repeatable)

06374

GRADES 9,10, 11, 12

1 Credit

Prerequisites: *Must play one of the following brass-instruments: trumpet, f-horn, mellophone, trombone, baritone, or tuba.*

Summer Band Camp attendance mandatory.

During the majority of the Fall semester, this class represents the Brass section of the Tucson High Marching 100. During the late Fall & Spring semesters, this class becomes the indoor Symphonic Band. Students will participate in Band activities designed to improve musicianship, physical marching, understanding of notation, as well as leadership techniques. Literature appropriate for instrumental music from the intermediate through advanced levels will be included. **All students will be required to read music and to practice regularly at home. Students registering for this course are obligated to a highly active rehearsal and performance schedule. During the Fall, students are expected to attend weekly evening rehearsals, football games and marching competitions. All students participating in this class must be enrolled in Marching Band.** The spring semester will require attendance at weekly nighttime rehearsals and a few performances, as well as participation in Instrumental Solo & Ensemble Festivals. A great attitude and positive work ethic will be expected of all THS Band members. **AIA activity. This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class.**

MARCHING WOODWINDS & SYMPHONIC BAND

(Repeatable)

06374

GRADES 9,10, 11, 12

1 Credit

Prerequisites: *Must play one of the following woodwind-instruments: piccolo, flute, oboe, clarinet, bassoon, or saxophone.*

Summer Band Camp attendance mandatory.

During the majority of the Fall semester, this class represents the Woodwind section of the Tucson High Marching 100. During the late Fall & Spring semesters, this class becomes the indoor Symphonic Band. Students will participate in Band activities designed to improve musicianship, physical marching, understanding of notation, as well as leadership techniques. Literature appropriate for instrumental music from the intermediate through advanced levels will be included. **All students will be required to read music and to practice regularly at home. Students registering for this course are obligated to a highly active rehearsal and performance schedule. During the Fall, students are expected to attend weekly evening rehearsals, football games and marching competitions. All students participating in this class must be enrolled in Marching Band.** The spring semester will require attendance at weekly nighttime rehearsals and a few performances, as well as participation in Instrumental Solo & Ensemble Festivals. A great attitude and positive work ethic will be expected of all THS Band members. **AIA activity. This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class.**

COLOR GUARD

(Repeatable)

06169

GRADE 9, 10, 11, 12

1 Credit

Prerequisite: Audition and Band Director approval required.

During the majority of the Fall semester, this class represents the Color Guard visual ensemble of the Tucson High Marching 100. During the late Fall & Spring semesters, this group competes as the THMS Winter Guard. Students will learn the fundamentals of movement as they apply to marching band. Students will also be taught basics and routines on various equipment including Rifle, Saber and Flag. **NO PREVIOUS EXPERIENCE IS NECESSARY. Students registering for this course are**

This course will be offered with a minimum of 16 students enrolled.

JAZZ ENSEMBLE 1 (JAZZ LAB)

06391 (Repeatable)

GRADES 9, 10, 11, 12

1 Credit

Prerequisite: Audition process or consent of instructor. Must be enrolled in Concert Band, Marching & Symphonic Band, or have Director's approval.

JAZZ ENSEMBLE 2 (STUDIO JAZZ ENSEMBLE)

06392 (REPEATABLE)

GRADES 9, 10, 11, 12

1 Credit

Prerequisite: Audition process or consent of instructor. Must be enrolled in Concert Band, Marching & Symphonic Band, or have Director's approval

GUITAR I 2841Z

06284 (Repeatable)

GRADES 9, 10, 11, 12

1 credit

GUITAR III 2851Z

06285 (Repeatable)

GRADE 10, 11, 12

1 Credit

Prerequisite: Completion of Guitar I and/ or audition and signature of instructor.

GUITAR 5, 6

06295-06292 (Repeatable)

GRADES 10, 11, 12

1 Credit

Prerequisite: Audition and teacher signature required for placement in this class.

MARIACHI MUSIC BEGINNING 1, 2

RAYITOS JUVENIL

06471-06472 (Repeatable)

GRADES 9, 10, 11, 12

1 Credit

Prerequisite: Previous experience playing one of the following instruments: violin, trumpet, guitar, vihuela or guitarron. No performance experience necessary.

obligated to a highly active rehearsal and performance schedule. During the Fall, students are expected to attend weekly evening rehearsals, football games and marching competitions. All students participating in this class must be enrolled in Marching Band. AIA activity. This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class. Appropriate footwear is required at the beginning of the school year.

This course will offer a **developmental jazz experience** for all interested players. **All students will be required to read music and to practice regularly at home.** The lab will focus on the basics of improvisation, jazz theory and rhythm training. During the spring semester, this group may participate in regional and state music festivals. Literature appropriate for jazz music at the beginning to intermediate levels will be included. **AIA activity. This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class.**

This is a class consisting of some of Tucson High Magnet School's most elite musicians. Rehearsed like a professional jazz ensemble, this group will focus on various styles of music including Swing, Funk, Latin and Blues. Although the focus will be on advanced level literature, students will also be taught the value of clarity and simplicity in musical expression. This ensemble will perform at various festivals and community events. **AIA activity. This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class.**

Guitar I is for the student with little or no musical experience. It is designed to develop specific skills of tone production, reading standard notation, chord symbols, rhythm, tuning, right and left hand motor skills, and basic chord patterns in many keys. Students will explore blues, folk songs, and popular music. This class enables students to play as a soloist and accompanist to other instruments. Basic music theory will be emphasized.

This course is designed to continue developing skills learned in beginning guitar. Topics to be covered will include music theory, scales, chords and barre chords, reading traditional notation, classical, rock and roll, popular, blues, and jazz styles. Students will learn in a group setting as well as in solo format.

This course is designed as a performance class. Teacher and students select music to be performed based on personnel available in the class. A variety of learning styles will be used, but students must be self-motivated. Music from a variety of styles is to be performed in concert. Students are expected to refine knowledge of scales and chord progressions as well as music theory throughout the course.

Mariachi 1, 2 is for those students who play a mariachi instrument (violin, trumpet, guitar, vihuela, guitarron) but have little or no experience performing. Students will be introduced to basic music theory, instrumental and vocal technique as well as the history of Mariachi, as well as beginning repertoire. Students will perform at each school concert. *Students with no experience on an instrument must receive approval from the teacher before enrolling.*

MARIACHI MUSIC INTERMEDIATE 1,2 – RAYITOS

06473-06474 (Repeatable)

GRADES 9, 10, 11, 12

1 Credit

Prerequisite: Entrance upon audition and teacher signature. Mandatory one year of experience in at least one of the following: band, orchestra, or mariachi. No performance experience is necessary.

MARIACHI 5, 6 – RAYOS DEL SOL

06475-06476 (Repeatable)

GRADES 9 (SPECIAL CIRCUMSTANCE), 10, 11, 12

1 Credit

Prerequisite: Entrance upon audition and teacher signature. At least one year of experience in mariachi (preferably Mariachi 1, 2 or Mariachi 3, 4) and strongly recommended one year from one of the following: band, orchestra, choir or guitar.

MUSIC THEORY

06283

GRADES 10, 11, 12

1 CREDIT

Prerequisite: SUCCESSFUL COMPLETION OF A MINIMUM OF TWO YEARS OF MUSIC. PLACEMENT ASSESSMENT AND TEACHER SIGNATURE REQUIRED. STUDENTS MUST BE CONCURRENTLY ENROLLED IN A MUSIC PERFORMANCE CLASS.

ORCHESTRA III 2591

(CONCERT ORCHESTRA)

06259 (Repeatable)

GRADES 9, 10, 11, 12

1 credit

Prerequisite: *Entry by audition or recommendation of middle school orchestra director only.*

ORCHESTRA ADVANCED

(CHAMBER ORCHESTRA)

06631-06332 (Repeatable)

GRADES 9, 10, 11, 12

1 credit

Prerequisite: By audition only.

ORCHESTRA ENSEMBLE V 2601

(SYMPHONY ORCHESTRA)

06260 (Repeatable)

GRADES 9, 10, 11, 12

1 Credit

Prerequisite: By audition only.

Mariachi 3, 4 is a natural progression from Mariachi 1, 2. Students will be introduced to the basic repertoire of Mariachi Rayos del Sol and be introduced to stage etiquette and public performance. Students will continue to study basic music theory, instrumental technique, expanded vocal technique through solo and ensemble singing and the history of Mariachi music, as well the basics of music arranging in accordance with traditional mariachi repertoire. Students will explore the idea of self-assessment and peer critique, as well as analysis of professional soloists and ensembles to get a range of styles and techniques to use as a basis for their own performance.

Mariachi Rayos del Sol (5, 6) is the premier performing ensemble both on- and off-campus. A background in music theory and proficient instrumental technique are mandatory prerequisites for admittance. Student initiative is encouraged in the selection of music, singing and playing solos and cooperative learning. Students will be taught advanced music theory as applied to traditional and contemporary repertoire, solo and ensemble vocal technique, showmanship, history of Mariachi and improvisation and presence as a stage performer. Students will participate in the Tucson International Mariachi Conference, school concerts, and any other outside performances that are arranged throughout the school year. AIA activity. This course requires a \$50.00 fee (must be paid prior to attending class) and eligibility forms. These fees must be paid prior to attending the class.

This course in musicianship is for students who already read music and can play an instrument or sing. It covers music functions including pitch, intervals, meter, rhythm, tonality, scales, transposition, modes and chords. Students also gain proficiency on the keyboard, and will study Western Art music and music of other cultures. This class will prepare you for AP Music Theory.

Level 1. This orchestra class is for string players at the beginning to intermediate level. Students who have not learned any shifting (3rd position for violins/violas, 4th position for cellos) should take this class. In this class we will work on our basic techniques (intonation in 1st position, perfect posture, and counting), and the techniques required for entry into the upper level orchestras.

Entry by audition only.

Level 2. For your audition you must play: 2 octave major scales and at least one music selection that demonstrates good tone, intonation, rhythm, and shifting up to or above 3rd position for violins/violas, up to or above 4th position for cellos/basses.

AIA activity. This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class.

Entry by audition only.

Level 3. For your audition you must play: 2 or 3 octave major and melodic minor scales, and at least one music selection that demonstrates good tone, intonation, rhythm, vibrato, and shifting to 5th position or above for violins/violas, tenor clef and thumb position for cellos, and up to or above high G for basses.

AIA activity. This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class.

PERCUSSION MASTER-CLASS (DRUM LINE)

06641 (Repeatable)

GRADES 9, 10, 11, 12

1 Credit

Prerequisites: *Must play one of the following percussion instruments in the marching drumline: Snare, Multi-tenors, Bass Drum, Cymbals, or Mallets/Pit.*

Summer Percussion Camp (during the last week of July) and Placement Audition.

Band Camp attendance mandatory.

PIANO AND THEORY 1, 2 3831Z

06383

GRADES 9, 10, 11, 12

1 Credit

Prerequisite: No prior musical experience is necessary for beginning piano.

PIANO AND THEORY 3, 4 3841Z

06384 (REPEATABLE)

GRADES 9, 10, 11, 12

1 Credit

Prerequisite: Completion of Piano 1, 2 and/or audition and instructor permission and signature required

PIANO AND THEORY 5, 6 3851Z

06383 (REPEATABLE)

GRADES 9, 10, 11, 12

1 Credit

Prerequisite: Completion of Piano 3, 4 and/or audition and instructor permission and signature required.

STEEL DRUM I 1801

06180

GRADES 9, 10, 11

1 Credit

Prerequisite: No prior musical experience is necessary; just an open mind, good attitude and instructor permission and signature required

STEEL DRUM III 1811

06181 (Repeatable)

GRADES 9, 10, 11, 12

1 Credit

Prerequisite: Prior musical experience (not necessarily on steel drums) and an audition

During the majority of the Fall semester, this class represents the percussion section of the Tucson High Marching 100. During the late-Fall and Spring semesters, this class becomes the THS Indoor Percussion Ensemble. The Indoor Percussion Ensemble rehearses and performs both independently, and with the THS Symphonic Band. Select players may be invited to perform with the THS Symphony Orchestra in the Spring.

Master-Class Students will be expected to learn proper performance techniques on a wide variety of instruments in the Marching, Orchestral, and World Percussion categories. **All students will be required to read music. Students registering for this course are obligated to a highly active rehearsal and performance schedule. This begins with Percussion Camp at the end of the Summer. During the Fall semester, students are expected to attend all weekly evening rehearsals, football games and multiple Saturday marching competitions.** The Spring semester will require attendance at weekly nighttime rehearsals and a few performances. Warning: this is the most physically demanding section of the band. A positive attitude and mature work ethic will be expected of all THS Band members. **AIA activity. This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class.**

Beginning piano is open to anyone with a desire to learn to read music and play piano. Students will develop keyboard skills through performing a variety of music.

Piano and Theory is a course designed to develop musical skills and keyboard abilities through the study of music theory, ensemble activities, and performance application. Students practice keyboard skills daily with individualized instruction at a more advanced skill level.

Piano and Theory is a two semester course designed to develop musical skills and keyboard abilities through the study of music theory, ensemble activities, and performance application. Students practice keyboard skills daily with individualized instruction at a more advanced skill level. ***Students in this level perform in evening recitals outside of regular school hours.***

Students are introduced to the elements of multi-cultural and ethnic music through steel band repertoire. Students develop music theory skills and a creative approach to melody and rhythm. This course includes a functional survey of modern steel drum repertoire, cultural development of music representative of the steel bands in the Caribbean Islands, styles of ethnic music from Trinidad and surrounding countries, as well as the United States. Steel Drum requires performances outside of class time.

Students expand their knowledge of multi-cultural and ethnic music through more advanced steel band repertoire. Students develop advanced music theory skills and a creative approach to melody and rhythm. This course includes a functional survey of modern steel drum repertoire, cultural development of music representative of the steel bands in the Caribbean Islands, styles of ethnic music from Trinidad and surrounding countries, as

or successful completion of Steel Drum and instructor permission and signature required

STEEL DRUM 5, 6
06215-06216 (Repeatable)
GRADES 9, 10, 11, 12
1 Credit

Prerequisite: Successful completion of Steel Drum I and III and instructor and instructor permission and signature required

well as the United States. Steel Drum III will require a number of performances. **AIA Activity. This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class.**

Students expand their knowledge of this art form and begin to specialize on no less than 2 instruments within the steel drum family. Building on already learned techniques, students will learn and perform literature at the highest level. Students are obligated to play for many performances outside of class time, and are expected and taught to be professional in every way. **AIA Activity. This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class.**

STEEL DRUMS 7,8
06217-06218 (REPEATABLE)
GRADES 10, 11, 12
1 Credit

Prerequisite: Successful completion of Steel Drum III or 5, 6 and instructor permission and signature required

Students continue to expand their knowledge of this art form and begin to specialize on no less than 2 instruments within the steel drum family. Building on already learned techniques, students will learn and perform literature at the highest level. Students are obligated to play for many performances outside of class time, and are expected and taught to be professional in every way. **AIA Activity. This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class.**

AP Courses

MUSIC THEORY A.P.
06908
GRADE 11, 12
1 CREDIT

Prerequisite: Successful completion of Music Theory and Instructor permission and signature required.

A full year college course for students interested in earning college credit. This course is also for serious music students wishing to better themselves through knowledge of musical language. The course focuses on the students' aural and visual understanding of musical structure and compositional procedures. ***Students must have permission of the instructor to enroll.*** Students are expected to take the AP exam in the spring.

Performing - Vocal

CHORUS, BEGINNING BOYS
(PREMIERE - MEN'S)
06163
GRADES 9, 10, 11, 12
1 Credit

Prerequisite: Placement in this class
REQUIRES Interview/Audition with Choral Director.

This is one of two sections of Premiere Choir. This section of the course is for ***male*** singers who have some musical experience but need further development before continuing into the more advanced choirs. For the audition students will need to sing a one minute song of their choice. ("Happy Birthday," "Amazing Grace," or "This land is my Land" or any easily recognizable song and perform some elementary sight reading. This beginning men's choir develops healthy vocal technique within the ensemble setting focusing on the development of the adolescent male voice. Students learn musicianship, music reading, and rehearsal and performance skills. Emphasis is on two, three and four part singing. A variety of music is sung from Popular to Classical and Jazz. Some songs in foreign languages may be sung. A minimum of four performances is required. Participants are expected to provide their own concert attire.

CHORUS, BEGINNING GIRLS
(PREMIERE - WOMEN'S)
06164
GRADES 9, 10, 11, 12
1 Credit

Prerequisite: Placement in this class
REQUIRES Interview/Audition with Choral Director.

The second of two sections of Premier Choir, this section is for ***female*** singers who have some musical experience but need further development before continuing into the more advanced choirs. For the audition students will need to sing a one minute song of their choice. ("Happy Birthday," "Amazing Grace," or "This land is my Land" or any easily recognizable song and perform some elementary sight reading. This beginning women's choir develops healthy vocal technique within the ensemble setting focusing on the development of the adolescent female voice. Students learn musicianship, music reading, and rehearsal and performance skills. Emphasis is on two, three and four part singing. A variety of music is sung from Popular to Classical and Jazz. Some songs in foreign languages may be sung. A minimum of four performances is required. Participants are expected to provide their own concert attire.

CONCERT CHOIR III 2541**06254** (Repeatable)

GRADES 9, 10, 11, 12

1 Credit

Prerequisite: Audition with Choral Director.

This class is for students who have been in a choir at least one year and are reading music on at least an intermediate level. For their audition, students must sing about one minute of a song, preferably not pop/rock, to demonstrate their ability to learn music on their own, and demonstrate basic music reading skills through a short sight singing excerpt. Singing a song learned in school or church choir (any part) is a great choice. Students should bring music if they have it. Concert Choir develops healthy vocal technique within the ensemble setting. Students will expand their knowledge/concepts of musicianship, music reading, and rehearsal and performance skills. Emphasis is on four to six part, possibly eight part singing. A variety of music is learned from Popular to Classical to Jazz. Some songs in foreign languages may be sung. A minimum of four performances is required.

CHORAL ENSEMBLE V (TROUBADOURS)**06255** (REPEATABLE)

GRADES 10, 11, 12

1 CREDIT

Prerequisite: This course requires an audition and signature of instructor. At least one year of THMS vocal ensemble experience required. Concurrent enrollment in Concert Choir is recommended.

Troubadours is a class for the advanced choral singer. This select mixed ensemble aspires to achieve the greatest possible blend of male and female voices. For the audition, students must sing 1-2 minutes of a song, not pop/rock, to demonstrate their ability to learn music on their own. They must also demonstrate good to excellent sight reading skills. Emphasis is balanced between continuous improvement of music reading skills (interval awareness and placement, rhythmic and melodic patterns/concepts) and performance of vocal jazz, pop, madrigal, spiritual, and classical styles. Students learn and perform many styles of music in four to ten part choral literature. The music selection includes more difficult harmonic and rhythmic components as well as more demanding vocal expression and creativity. Songs in English, Italian, French and other languages are studied and performed. Participation in and preparation for Regional Choir Auditions is part of the curriculum. **Many extra-curricular performances are required.** AIA activity. This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class. Participants are expected to provide their own concert attire.

CHORUS ADVANCED GIRLS A, B (ALESSTO)**06617-06618** (REPEATABLE)

GRADES 11, 12

1 CREDIT

Prerequisite: This course requires an audition and signature of instructor. At least one year of THMS vocal ensemble experience is required.

Alessto is a class for the advanced choral singer. This select ladies ensemble aspires to achieve the greatest possible blend of treble voices. For the audition, students must sing 1-2 minutes of a song, not pop/rock, to demonstrate their ability to learn music on their own. They must also demonstrate good to excellent sight reading skills. Emphasis is balanced between continuous improvement of music reading skills (interval awareness and placement, rhythmic and melodic patterns/concepts) and performance of vocal jazz, pop, madrigal, spiritual, and classical styles. Students learn and perform many styles of music in three to six part treble choral literature. The music selection includes more difficult harmonic and rhythmic components as well as more demanding vocal expression and creativity. Songs in English, Italian, French and other languages are studied and performed. Participation in and preparation for Regional Choir Auditions is part of the curriculum. **Many extra-curricular performances are required.** AIA activity. This course requires a \$50.00 fee and eligibility forms. These fees must be paid prior to attending the class. Participants are expected to provide their own concert attire.

Visual Arts**ANIMATION I 8111 (SEQUENTIAL ART)****06811**

GRADES 9, 10, 11

1 Credit

Sequential art requires drawing skills, the ability to develop a story and tell it through sequential images. Sequential art encompasses graphic novels, comic books, comic strips and storyboards for animation and film. Students will learn to draw, develop characters and a storyline with the production of a comic book as a semester project. The program, which will stress writing as well as drawing, is a one semester offering with no prerequisites.

ANIMATION II (SEQUENTIAL ART)

06813

Grades 10, 11, 12

1 Credit

Prerequisite: Completion of Animation I.

This course is designed to develop the students' skills and abilities in the field of 2D and 3D animation. This course will further develop students' visualization, drawing and design skills related to animation. Students will create a variety of work including, original characters and stories, layout designs, comic books, and flip books. Students will be introduced to the development of cartooning and storytelling along with background on 2D animation styles. Students will explore the roll of traditional animation techniques and their importance in computer generated films. Projects require a level of knowledge and ability that have been developed in Animation I.

CLAY & CERAMICS I

06536 (Repeatable)

GRADES 9, 10, 11, 12

1 Credit

This course explores ceramic design and materials. Emphasis will be on designing for various hand building techniques. Students will also learn glazing, staining and firing techniques. Composition techniques related to ceramics will also be taught.

CLAY AND CERAMICS III

06537 (Repeatable)

GRADE 10, 11, 12

1 Credit

Prerequisite: Clay & Ceramics I or written examination/portfolio process.

This course presents advanced ceramic design and techniques. Students have increased opportunities to explore various hand building and potter's wheel methods and a variety of glazing and firing techniques. Students learn to effectively manage the business part of production pottery. Topics include marketing and selling pieces, legal issues, special design problems and photo documentation.

GRAPHIC DESIGN I

(COMMERCIAL ART 1, 2 BEGINNING)

09266

GRADE 9, 10, 11, 12

1 Credit

This class introduces students to techniques, procedures and materials used in commercial illustration and graphic design. Students explore manual layout, lettering, logo design and beginning airbrush techniques. A typical assignment might be developing a logo for a company and rendering it in full color for such needs as CD covers, posters, advertisements, or magazine design. The course, once successfully completed, is a prerequisite for Commercial Art III.

GRAPHIC DESIGN III

(COMMERCIAL ART III)

09268 (Repeatable)

GRADE 11, 12

1 Credit

Prerequisite: Successful completion of Commercial Art 1, 2 and teacher signature

This course develops students' awareness and abilities in the field of commercial art. Projects require a level of knowledge and ability that have been developed in Commercial Art 1, 2. Students further develop their abilities such as lettering, illustration, color theory, airbrushing, and mural painting. Students are given specifications and deadlines to simulate real job situations for the work produced.

DRAWING/PAINTING I 5381Z

06538 (Repeatable)

GRADE 9, 10, 11, 12

1 Credit

This course explores various drawing techniques using the media of pencil, ink and pastels. Color theory is defined through painting media and techniques as well as a comparative study of painting styles. Painting media include tempera, watercolors, acrylics, and other color processes. Opportunities to explore and stimulate interest in the art media are provided through cultural and historical studies, composition, and color theory exercises. Please look for examples of student work on the THMS website! Just open the website by "Googling" Tucson High School; then simply scroll down to [Galleries](#).

DRAWING/PAINTING III

06117

GRADE 10, 11, 12

1 Credit

Prerequisite: Successful completion of Drawing/Painting 1 and teacher signature.

This course is designed to develop high-level skills for the more serious art student through individualized instruction. This includes complete portfolio development and preparation for career and higher education opportunities. Opportunities to explore and stimulate interest in the art media are provided through cultural and historical studies, composition, and color theory exercises.

ADVANCED DRAWING/ADVANCED PAINTING

06313-06314

GRADE 10, 11, 12

1 Credit

Prerequisite: Successful completion of Drawing/Painting III and teacher signature.

This course is designed as an advanced drawing and painting class for junior art students interested in taking Studio Art AP. The class will be taught in conjunction with the Studio Art AP class so as to familiarize the student with the AP curriculum.

GALLERY MANAGEMENT 1, 2
06455-06456 (Repeatable)

GRADE 10, 11, 12

1 Credit

Prerequisites: Course Instructor Permission and Signature Required.

This course is designed for students who are very interested and highly motivated in designing and preparing exhibits for the school's art gallery. Students need to read and write at a sufficient level to produce professional level gallery text. All students will be expected to conduct independent research, produce written text, and serve as gallery presenters for visiting classes. All students will be responsible for explaining works of art that are on exhibit both in writing and orally to tours visiting the gallery. Students should be interested in conceptualizing an idea and then working through the process of producing written and visual displays to carry out the vision.

BEGINNING JEWELRY I, II
06143-06144

GRADES 9, 10, 11, 12

1 Credit

This is an introduction to the techniques used to produce jewelry using copper, brass and nickel silver. Students are required to practice and gain competency in the following areas: proper use of hand tools including files and hammers; sawing metal using jewelry saw frame and blade; polishing metal using a power buffing machine and proper compounds; hand and soldering techniques for joining separate pieces of metal; application of the principles and elements of design in the creation of original pieces of jewelry; proper safety procedures for all tools and techniques used including use of an acetylene tank and drill press. Original designs are stressed as well as basic jewelry and visual art vocabulary.

ADVANCED JEWELRY III, IV
06145-06146

GRADES 10, 11, 12

1 Credit

Prerequisite: Successful completion of Beginning Jewelry I, II and teacher signature.

Through original designs, students will begin to explore jewelry as personal expression. New techniques for decorating the surface of copper, brass and nickel silver will be explored. Students will continue to refine their design skills using the principles and elements of design.

ART BEGINNING 1, 2 (SCULPTURE)
06101-06102

GRADE 9, 10, 11, 12

1 Credit

Prerequisite: Advanced standing or sequenced classes.

Beginning sculpture focuses on the relationships between ideas, materials, and objects. Historical perspectives identify issues, concepts, and ideas for sculpture in public places. Students are exposed to making group decisions and aesthetic judgments. Local settings are used to develop ideas for projects. Emphasis is placed on safety, ecology, and recycling of materials.

ART ADVANCED (SCULPTURE)
06315

GRADE 10, 11, 12

1 Credit

Prerequisite: Successful completion of Art Beginning (Sculpture) 1, 2 and teacher signature.

This is an advanced course in sculpture. Students are expected to be more independent about developing ideas and producing objects. Ecology, recycling, and social awareness remain class priorities. Greater emphasis is placed on the questions "what is sculpture?" and "where is art found?" A variety of materials are used to help students relate a variety thinking skills to the visual arts.

TEXTILES & WEAVING 1, 2
06191-06192

GRADES 10, 11, 12

1 Credit

Prerequisite: Enrollment is limited. Mandatory 1:1 conference is required for instruction 2-3 times per quarter. Class time is used for producing work only, not receiving instruction (since it is double rostered with another class during the same period). Teacher signature required.

Textiles and Weaving students learn about how to use 2-Harness and 4-Harness table looms to make hand woven articles such as scarves, bags and belts. May include tapestry, which is "picturesque" weaving of a scene or a character. Includes braiding and finger weaving. Students enrolling in this class must be very capable of working independently.

AP Courses

HISTORY OF ART A.P. 1, 2

06907

GRADES 10, 11, 12

1 Credit

Prerequisite: Successful completion of a Visual Arts, History, or English class. Teacher signature required.

Art History is an advanced level course designed for students interested in earning college credit. This course provides the opportunity to study art and architecture from prehistoric days to the present. Students will study what influences art and artists, what causes art to change, and develop a process for looking at architecture, painting and sculpture. Students need to be committed to analyzing art. This course uses a college level text book. Artists, historians, and lovers of the arts are welcome to enroll. Students are expected to take the AP exam in the spring.

STUDIO ART A.P. 1, 2

06909

GRADES 11, 12

1 Credit

Prerequisite: Successful completion of any Visual Arts 3, 4 or equivalent. Teacher signature required.

This course is designed for the advanced art student interested in developing a college level portfolio. Students are required to produce either the 2-D design or the Drawing portfolio. The course will focus on an in depth study of aspects of aesthetics included in Art History and Contemporary Art Criticism. Individual studio projects will be organized around the development of these concepts. Work will be critiqued on how well they excel in concept, composition, and execution. Students are expected to take the AP exam in the spring.