

WILLIAM J. PALMER
HIGH SCHOOL
A Tradition of Excellence



Course Description Book
2024-2025

WILLIAM J. PALMER HIGH SCHOOL

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ART CLASSES

There is considerable research on the academic value of students receiving instruction in the Visual Arts. Students will learn the elements of art and principles of design. They will learn about art in relation to history, culture, and the community. They will also recognize and use the visual arts as a form of communication, and critique works of art through analysis, assessment, and evaluation.

Note: *Some art courses offer Postsecondary Workforce Readiness credits and/or articulated college credit through Pikes Peak Community College or CU succeed courses offering college credit through UCCS.*

IBMYP ART 1,2

Course Length: *1 Semester each* Grade Level: *9-12*

Credit per Semester: *1.0 (Humanities, Elective)*

Prerequisite: *None*

In these courses, you will learn the rules of art to unlock the mysteries. Discover what works as you explore a variety of media: drawing, painting, printmaking, sculpture and/or ceramics. In keeping with the IB Middle Years Program framework's requirements, this course has students connecting classroom learning and real-world experiences.

IBMYP ART AND DESIGN

Course Length: *1 Semester* Grade Level: *9,10*

Credit per Semester: *1.0 (Humanities, Elective - Honors)*

Prerequisite: *None*

IBMYP Art & Design provides students with opportunities to develop the ability to express themselves and their ideas about the world they live in, working both independently and as cooperative members of a group. Explore a variety of media while making connections. What inspires you? Develop your skills and become prepared to pursue IB HL or SL Art. A process sketchbook records your development, investigations, and shows a record of your creative process.

GENERAL ART 3H and 4H

Course Length: *1 Semester each* Grade Level: *10-12*

Credit per Semester: *1.0 (Humanities, Elective)*

Prerequisite: *IBMYP Art 2 or IBMYP Art and Design*

Art 3H and 4H are honors level art courses that require the artist to investigate and demonstrate the development of new skills and techniques. The main goal is to improve technical competence with a variety of media. Media may include drawing, painting, printmaking, ceramics, and sculpture.

DRAWING FOR ILLUSTRATORS 1,2

Course Length: *2 Semesters* Grade Level: *9-12*

Credit per Semester: *1.0 (Humanities, Elective or Postsecondary Workforce Readiness)*

Prerequisite: *None*

Covers fundamental skills and theories of drawing and rendering line structure, form, value, texture, and composition. Application of drawing skills with various media for line quality as well as value and texture interpretations are also covered.

NOTE: THIS COURSE WILL ARTICULATE WITH **PPSC** MGD 1034: Drawing for Illustrators upon completion of Drawing for Illustrators 1 and 2

CERAMICS 1,2

Course Length: *1 Semester each* Grade Level: *9-12*

Credit per Semester: 1.0 (*Humanities, Elective*)
Prerequisite: *None*

Experience hand-building and wheel-throwing techniques. After taking Art 1 you will be able to design and plan your creative ceramic forms. The primary emphasis is on studio work leading to a portfolio of finished pieces by the end of the semester. This course's main goal is that you will be able to create and appreciate expressive, beautiful three-dimensional clay forms.

IBMYP DIGITAL PHOTO DESIGN 1.2

Digital camera recommended.

Course Length: 1 Semester each Grade Level: 9-12

Credit per Semester: 1.0 (*Humanities, Computer Ed/Tech or Postsecondary Workforce Readiness*)

Prerequisite: *None*

These courses introduce students to photography through a combination of lectures, demonstrations, assignments, and critiques. Students will learn to see photographically via an exploration of the basic tools, techniques and aesthetics of photography, with an emphasis on the creative use of camera controls, exposure, an overview of film and digital processing, and an awareness of the critical issues in contemporary photography.

NOTE: THIS COURSE WILL ARTICULATE WITH **PPSC** PHO120: Fundamentals of Photography upon completion of IBMYP Digital Photo Design 1 and 2

DIGITAL PHOTOGRAPHY 3.4H

Digital camera required

Course Length: 1 Semester each Grade Level: 10-12

Credit per Semester: 1.0 (*Humanities*)

Prerequisite: *Digital Photo Design 2*

Enter the world of commercial photographers. Gain mastery over your digital SLR and begin building your photography portfolio. Concentrate on the commercial aspects that the working photographer faces daily which include portraiture, landscapes, and photojournalism to name a few. Focus on a genre and demonstrate your skills through a portfolio you produce. Introduction to marketing work.

IBMYP ADOBE ILLUSTRATOR 1.2

Course Length: 2 semesters Grade Level: 11-12

Credit per Semester: 1.0 (*Humanities, Computer Ed/Tech or Postsecondary Workforce Readiness*)

Prerequisite: *None*

Concentrates on the high-end capabilities of Adobe Illustrator as an illustration, design and vector drawing tools. Students learn how to use the tools to create digital artwork used in web design, print media, and digital screen design. Course competencies and outline follow those set by the Adobe certified Associate exam in Visual Communication using Adobe Illustrator.

NOTE: THIS COURSE WILL ARTICULATE WITH **PPSC** MGD112: Adobe Illustrator I upon completion of IBMYP Adobe Illustrator 1 and 2

IBMYP ADOBE PHOTOSHOP 1,2

Course Length: 2 semesters

Grade Level: 11-12

Credit per Semester: 1.0 (*Humanities, Computer Ed/Tech, or Postsecondary Workforce Readiness*)

Prerequisite: none

Concentrates on the high-end capabilities of Adobe Photoshop as an illustration, design and photo retouching tools. Students explore a wide range of selection and manipulation techniques applied to photos, graphics and videos. Course competencies and outline follow those set out by the Adobe Certified Associate exam in Visual Communication Using Adobe Photoshop.

NOTE: THIS COURSE WILL ARTICULATE WITH **PPSC** MGD111: Adobe Photoshop I upon completion of IBMYP Adobe Photoshop 1 and 2 and Industry Certificate

IB ART DESIGN 5.6 STANDARD LEVEL

Course Length: 2 Semesters

Grade Level: 11, 12

Credit per Semester: 1.0 (*Humanities, Elective*)

Prerequisite: *Completion of IBMYP Art and Design or teacher approval*

The visual arts course encourages students to challenge their own creative and cultural expectations and boundaries. Create a portfolio of work that will be presented in an exhibition. Keep a record of your journey in a Process Sketchbook as you develop skills and make connections to others. The ability to use analytical skills in problem-solving while working towards technical proficiency as an artist is the goal. Designed for students who want to further study visual arts in higher education and for those seeking lifelong enrichment through visual arts.

IB ART DESIGN 5.6.7.8 HIGHER LEVEL

Course Length: 4 Semesters

Grade Level: 11, 12

Credit per Semester: 1.0 (*Humanities*)

Prerequisite: *Completion of IBMYP Art and Design or teacher approval*

A 2-year visual arts course encourages students to challenge their own creative and cultural expectations and boundaries. Create a portfolio of work that will be presented in an exhibition. Keep a record of your journey in a Process Sketchbook as you develop skills and make connections to others. The ability to use analytical skills in problem-solving while working towards technical proficiency as an artist is the goal. Designed for students who want to further study visual arts in higher education and for those seeking lifelong enrichment through visual arts.

AP STUDIO ART 1,2

Course Length: 2 Semesters

Grade Level: 11-12

Credit per Semester: 1.0 (*Humanities, Elective*)

Prerequisite: *Completion of previous art courses or teacher approval*

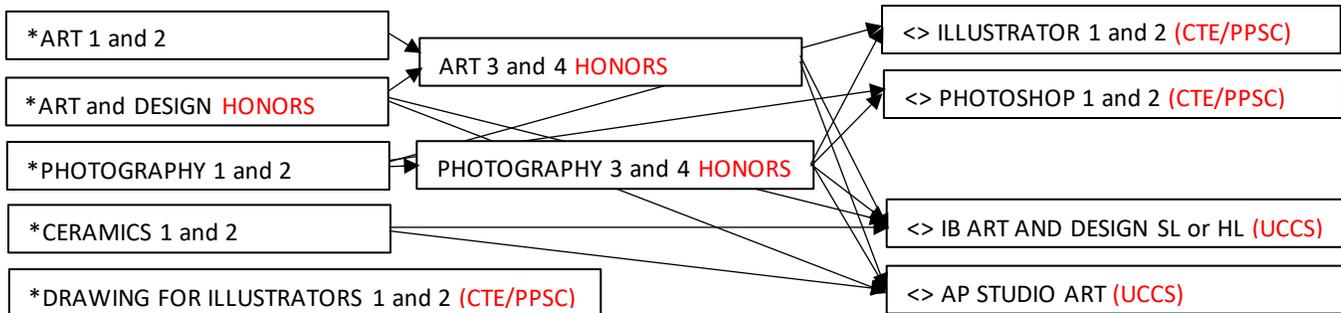
Studio Art AP is an honors course designed for students with exceptional ability and a high degree of interest in the practice of art. Students submit a portfolio of work to examiners in May to qualify for credit and advanced placement in American colleges. Work with any medium and create a portfolio of work based on your Inquiry Statement.

NOTE: This course qualifies students for college credit through **UCCS**

ART COURSE PROGRESSION INFORMATION

* 9th-12th grade starting point options

<> 11th-12th grade further options or teacher approval



DIGITAL MEDIA STUDIES CLASSES

IBMYP TECHNOLOGY & DESIGN

Course Length: 1 Semester Grade Level: 9,10

Credit per semester: 1.0 (Computer Ed/Tech)

Prerequisite: *Recommended for students taking multiple core honors classes in 9th and/or 10th grade*

This course delivers hands-on, process-oriented instruction in computer applications and design projects. Using the “Design Cycle,” project work focuses on inquiring, developing ideas, taking action, and evaluating. The course also provides basic proficiency in Microsoft Office, Digital Citizenship, Computer Literacy, and Career Exploration.

Students will use powerful multimedia programs throughout the semester to create music, videos, and images of their own design.

This class provides a foundation for subsequent courses including Video Production, Digital Photography, and Digital Audio & Music

IBMYP TECHNOLOGY & DESIGN H

Course Length: 1 Semester Grade Level: 9,10

Credit per semester: 1.0 (Computer Ed/Tech - Honors)

Prerequisite: *Recommended for students taking multiple core honors classes in 9th and/or 10th grade*

This course delivers hands-on, process-oriented instruction in computer applications and design projects. Using the “Design Cycle,” project work focuses on inquiring, developing ideas, taking action, and evaluating. The course also provides proficiency in computer applications including multimedia applications such as Photoshop and video/audio editing software. This honors-level course helps prepare students to succeed in Higher Level courses.

COMPUTER APPLICATIONS

Course Length: *1 Semester* Grade Level: *11-12*
Credit per Semester: *1.0 (Computer Ed/Tech)*
Prerequisite: *None*

Computer Applications meets the D11 computer education graduation requirement and gives opportunities to certify in Microsoft Applications. Certifying would also complete the College and Career Readiness Demonstration, which is a requirement to graduate (CCRD)

Practical uses for Microsoft Office applications for personal and business use are stressed in the areas of word processing, visual presentation, and spreadsheets. This course also includes units in Outlook, Digital Citizenship, Computer Literacy, and Career Exploration.

2D COMPUTER ANIMATION

Course Length: *1 Semester* Grade Level: *9-12*
Credit per semester: *1.0 (Computer Ed/Tech, PWR, PA, or Elective)*
Prerequisite: *None*

An introduction to traditional animation and video animation. This course covers essential knowledge, skills, and concepts required for postsecondary fields of study. Students will digitally create 2D animations for videographics using industry-standard professional tools and software. Students will explore design processes related to 2D animation. Students will be prepared for nationally recognized certifications in animation.

3D COMPUTER ANIMATION

Course Length: *1 Semester* Grade Level: *9-12*
Credit per semester: *1.0 (Computer Ed/Tech, PWR, PA, or Elective)*
Prerequisite: *None*

An introduction to 3D animation for video games and User Interfaced Experiences. This course covers essential knowledge skills in concepts required for post-secondary fields of study. Students will digitally create 3D animations for cinema and video using industry-standard professional tools and software. Students will explore the design process related to 3D animation. Students will be prepared for nationally recognized certifications in animation.

GAME PROGRAMMING AND DESIGN 1,2

Course Length: *2 Semesters* Grade Level: *9-12*
Credit per Semester: *1.0 (Computer Ed/Tech; Postsecondary Workforce Readiness)*
Prerequisite: *None*

Students will use non-programming problem-solving techniques to design, create, and test computer games using Game Maker Studio and Unity. The semester begins by learning how to use algorithms and heuristics to solve problems, these techniques will be essential to solving gaming problems. Students will learn how to use Photoshop and Illustrator to create custom gaming backgrounds, sprites, and animations. Final projects include a game designed and programmed by the students from scratch.

Students will get a chance to continue working with Unity and image editing software, but will also have the chance to learn about 3D modelling and design, sound creation, and user interface design. The course introduces professional design techniques for the creation of engaging storylines with believable characters. The final project of the course is a student-produced game created as part of a group.

GAME PROGRAMMING AND DESIGN 3 and 4

Course Length: 1 Semester each Grade Level: 10-12

Credits per Semester: 1 (Postsecondary Workforce Readiness or Computer Ed/Tech)

Prerequisite: Game Programming 1 or 2, Java Programming Honors 1 or 2, or IB Computer Science

This course focuses on the design of games in 2D and 3D environments using modeling tools and game engines that support scripting for 3D environments. Assets modeled in 3D space will be used in the creation of computer programs written by the students. These courses extend the programming design skills introduced in Game Programming 1,2 or Java Programming Honors or IB Computer Science. Game Programming 4 moves students toward completely independent creations of games and animations in 3D environments.

IB COMPUTER SCIENCE 5,6 STANDARD LEVEL

IB assessments (internal and external) are a requirement for this course.

Course Length: 2 Semesters Gr. Level: 11, 12

Credit per Semester: 1.0 (Computer Ed/Tech)

Prerequisite: Game Programming 3 or 4

The IB Computer science SL course requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. The course, underpinned by conceptual thinking, draws on a wide spectrum of knowledge, and enables and empowers innovation, exploration and the acquisition of further knowledge. Students study how computer science interacts with and influences cultures, society and how individuals and societies behave, and the ethical issues involved. During the course the student will develop computational solutions by: Identifying a problem or unanswered question; designing, prototyping and testing a proposed solution; and liaising with clients to evaluate the success of the proposed solution and make recommendations for future development.

VIDEO PRODUCTION 1,2 (Honors option available)

Course Length: 2 Semesters Grade Level: 10-12

Credits per Semester: 1.0 (Postsecondary Workforce Readiness)

Prerequisite: None

This introductory course is project-based and collaborative. The students demonstrate proficiency through a variety of hands-on productions that are shot on HD camcorders, uploaded and edited with Final Cut Pro—an industry- standard video editing application—and finally exported into a usable format for the intended audience. Students learn and practice professional video production techniques, including preproduction, production, and post-production phases. Quality (of audio, lighting, shots, composition, effects, story, and editing) is stressed throughout the course. Students will also explore the ways video communicates with viewers and the methods by which it does so effectively. Media literacy, project planning, and creative production are equally balanced. This course is appropriate for students preparing for careers in communications and media production, as well as for those students who desire to create personal videos of professional quality. Introduction to Video articulates to Pikes Peak State College (RTV 208) and is college-level in many respects.

For Honors credit: The Introduction to Video (Honors) course is an extension of Video Production 1,2 (see above). It's intended for highly motivated and capable students who are prepared to meet the challenge of additional projects and assignments. There will be a reflective writing component as well.

ADVANCED VIDEO PRODUCTION 1,2 (Honors option available)

Course Length: 2 Semesters Gr. Level: 11, 12

Credit per Semester: 1.0 (*Postsecondary Workforce Readiness*)

Prerequisite: *Grade of B or better in Video Production 1,2 and Instructor Approval*

This course builds on the skills developed by students in Video Production. It is a laboratory-workshop class of students who produce *TerrorTV*, Palmer's videomagazine, which is broadcast to the school weekly, and on Channel 16, the D-11 cable channel. The duties of the students include writing, videotaping, editing, and performing in segments that include news, skits, events and personalities connected to life at school. Students will be expected to produce both individually and in groups. This course is appropriate for students who are preparing for careers in communications and media production, as well for those who want to develop advanced communication and collaboration skills that are valuable in college as well as in the workplace. Available for honors credit. Advanced Video articulates to Pikes Peak State College (RTV 218) and is college-level in many respects.

BROADCAST VIDEO PRODUCTION 1,2 (Honors option available)

Course Length: 2 Semesters Grade Level: 12

Credit per semester: 1.0 (*PWR*)

Prerequisite: *Grade of B or better in Advanced Video Production and Instructor Approval*

This course builds on the skills developed by students in Advanced Video Production 1-2. Third-year students in the video program are the senior producers of *TerrorTV*. At this level, they must meet higher expectations for evaluating segments for inclusion in the show, demonstrate superior collaboration and leadership skills and a commitment to broadcast quality television production standards. Available for honors credit. Introduction to Video articulates to Pikes Peak Community College (MGD 164) and is college-level in many respects.

BEGINNING FILMMAKING 1,2 (Honors option available)

Course Length: 2 Semesters Grade Level: 9-12

Credit Per Semester: 1.0 (*Postsecondary Workforce Readiness or Humanities*)

Prerequisite: *None*

This project-based course is focused on creating & making short films. Career & workforce readiness will be a part of the curriculum. A study of media & popular culture is also part of the class to enable students to understand the genres place & popularity, including an extended unit on documentaries & associated research skills in creating this genre of short film. Students will learn about the concepts, tools, & activities essential to getting started in filmmaking, video broadcasting, & media production (including screenwriting, storytelling, editing). Students will study video technologies, equipment operation, composition, lighting, sound recording, & audio production planning. Students will use production equipment in a classroom, virtual studio, and/or field environment & apply numerous studio & field production techniques. The class is geared toward application of hands-on approaches to video, film, & media broadcasting, as well as a study of short films & documentaries from which to learn. Students will receive instruction in using digital camcorders & professional video editing software, & then demonstrate their learning & skills in full production projects over the course of the class. Students will be able to work individually on some projects & collaborate in small groups as they create short films, videos, & audio projects. Final Cut Pro is the software used for editing.

DIGITAL AUDIO AND MUSIC PRODUCTION 1,2

Course Length: 2 Semesters Grade Level: 10-12

Credit per Semester: 1.0 (*Humanities*)

Prerequisite: *None*

In this course students will be introduced to the hardware and software tools needed to create high-quality digital recordings. Logic Pro is the production/editing software used. Students will learn the basics of digital audio interface, how to build/create a song, and then how to arrange, edit, and mix their projects. The course includes editing audio, recording & editing MIDI, beats, as well as adding filters and tempo changes. There will be elements of creating specific genres of music, producing Foley effects for video, as well as opportunity for students to create songs of their choice.

Keyboards, microphones, and other equipment are available to the members of the class. This course is open to all students who want to be introduced to digital audio creation and recording technology. You do not have to be a musician or singer to enjoy and learn from this class. Digital Music and Audio Production 1 and Digital Music and Audio Production 2 both articulate to Pikes Peak State College and are college-level in many aspects.

DIGITAL AUDIO AND MUSIC PRODUCTION 3 and 4

Course Length: 1 Semester Grade Level: 11, 12

Credit per Semester: 1.0 (*Postsecondary Workforce Readiness*)

Prerequisite: *Digital Music and Audio Production 1 & 2*

Students will move from a Digital Audio Workstation (DAW) into more career-oriented skills and experiences. Using DAW proficiencies achieved in earlier courses, students will explore available careers in audio technology and learn real-world studio operations. Students taking this course may be able to work in apprenticeships with approved partners, growing in understanding of audio operations and adding to skills already achieved. New skills include setting up analog and digital audio for live events, stage productions as well as competencies associated with and studio recording. Studies include acoustics, audio-board interfaces & operations, microphone placement, monitor-speaker function and placement, wired and wireless audio systems, cabling, troubleshooting and problem solving. Expectations include career research, practical studio experience, mentoring Digital Audio I & II students, creating a portfolio of work, and live audio management of school or other productions.

Students' projects will build their resumes and prepare them for post-secondary studies and/or workforce placement.

JOURNALISM 1,2

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (*Humanities or Elective*)

Prerequisite: *None*

This is an introductory course to the fundamentals of journalism. Course content includes basic news writing, features, editorials, straight news, newspaper layout, copy reading, some photojournalism, and techniques of production. The course is a prerequisite for working on the staff of the school newspaper. Class members will be given the opportunity to report for the school newspaper.

JOURNALISM 3, 4, 5, 6, 7, 8

Course Length: *Up to 6 Semesters* Grade Level: *9-12*

Credit per Semester: *1.0 (Humanities or Elective)*

Prerequisite: *Journalism 1,2; Application Required*

The newspaper course is a laboratory-workshop class of students responsible for the publication of the school newspaper. Each staff member assumes and/or delegates responsibility for the following: reporting and writing assigned stories, planning and editing sections, planning page layouts and content, assigning and taking pictures, and copy-proofreading stories. These responsibilities are determined by the staff member's position.

WBL EXPERIENCE AND INTERNSHIP 1 and 2

Course Length: *2 Semesters* Grade Level: *10-12*

Credit per Semester: *1.0 (Humanities or Elective)*

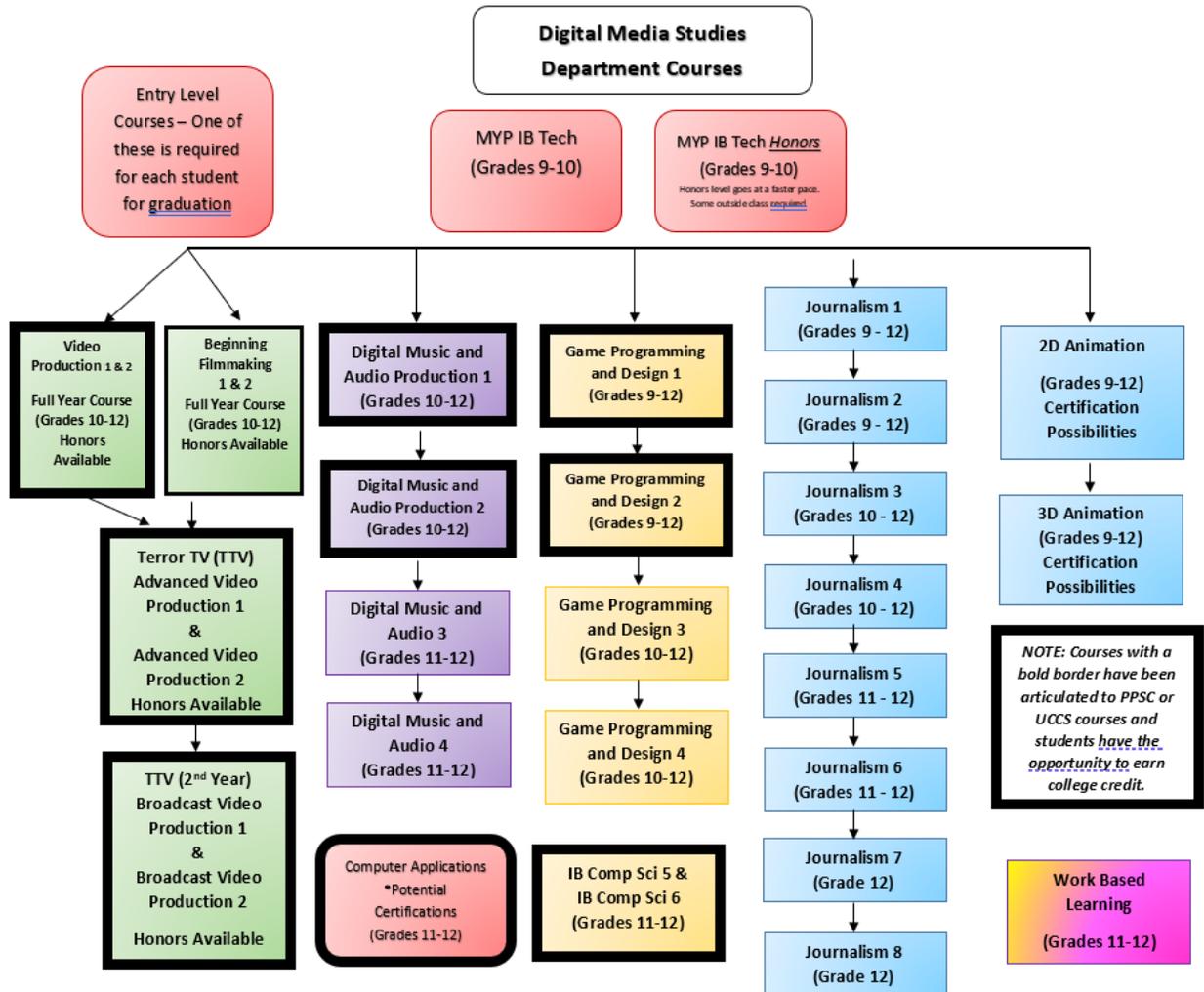
Prerequisite: *Application Required*

Work-Based Learning is a continuum of activities that occur, in part or in whole, in the workplace, providing the learner with hands-on, real-world experience. Work-Based learning involves; Site Visits, Recorded Informational Interviews, Work Readiness Training, Job Shadows, Internships

Students in this class will be doing a variety of activities that may include running the S.T.E.A.M. Factory, which is the school store and fabrication lab, where students will be creating items for the school store and community clients. Students who take this class after taking Game Programming and Design will be making software for real clients. Students should approach this class the same way they would a job and will keep time logs of their participation and work. This class may require time outside of the school day on occasion.

Instructor approval is required for this class.

DIGITAL MEDIA STUDIES COURSE PROGRESSION INFORMATION



FAMILY & CONSUMER SCIENCES CLASSES

The one Postsecondary Workforce Readiness credit required by District 11 for graduation may be fulfilled by any of the classes in the Family & Consumer Science department.

CULINARY ESSENTIALS 1

Course Length: 1 Semester Grade Level: 9-12
Credit per Semester: 1.0 (Postsecondary Workforce Readiness)
Prerequisite: None

This course is designed to introduce students to a variety of culinary skills and food preparation. Through instruction and culinary lab practice, this class will provide an opportunity for students to learn food prep and demonstrate food safety.

Some topics include culinary skills and preparation of items such as quick breads, yeast breads, and eggs; meal and menu planning; nutrition; and food borne illnesses. Students will be able to demonstrate the correct procedures and techniques in introductory culinary labs, analyze nutritional guidelines and plan menus that are nutritionally balanced, and demonstrate food safety.

CULINARY ARTS 1 and 2

Course Length: 2 Semesters Grade Level: 10-12
Credit per Semester: 1.0 (Postsecondary Workforce Readiness)
Prerequisite: Culinary Essentials 1

Culinary Arts develops lifelong, skilled individuals with an understanding of cooking practices and techniques. This course offers opportunities to improve food preparation skills, strengthen practical critical decision making and explore culinary choices. Emphasis is placed on working effectively and efficiently in a kitchen, practicing essential cooking techniques and developing culinary skills for everyday use.

CATERING 1 and 2

Course Length: 2 Semesters Grade Level: 11-12
Credit per Semester: 1.0 (Postsecondary Workforce Readiness)
Prerequisite: Culinary Arts 1,2 or Teacher Approval

This two-semester program is designed for students with career interests in the food industry as well as owning their own catering business. The purpose of this course is to develop skills in quantity food preparation, safety and sanitation, planning, customer service, business plans and entrepreneurship.

CHILD AND ADOLESCENT DEVELOPMENT

Course Length: 1 Semester Grade Level: 10-12
Credit per Semester: 1.0 (Postsecondary Workforce Readiness)
Prerequisite: None

This class is designed to help students become effective future parents. Students will understand the responsibilities of parenthood and practice techniques for nurturing productive, caring children. Through a variety of classroom activities including discussions, individual and group interaction projects, guest speakers, and visual aids, students will learn skills for caring for children as well as the importance of self-care and caring for the community.

COURSE PROGRESSION FOR CULINARY ARTS STUDENTS

1. Culinary Essentials
2. Culinary Arts 1
3. Culinary Arts 2
4. Catering 1
5. Catering 2

ENGLISH CLASSES

IB MYP ENGLISH 1,2

NCAA

Course Length: 2 Semesters Grade Level: 9

Credit per Semester: 1.0 (English)

Prerequisite: None

English 1/2 prepares students to engage in an array of classic and contemporary works in text, video, audio, and other multimedia formats. Students develop the skills and knowledge to become critical readers and writers by analyzing key ideas and details, craft, and structure. Students develop their writing skills by examining various text types, structures, and purposes and by crafting arguments, explanatory/informational texts, and narratives. Students learn to produce and distribute quality writing using technology.

Students conduct research, participate in a range of collaborative discussions, and integrate multiple sources of information. This course advances students' knowledge of the conventions of Standard English and strengthens vocabulary acquisition and use.

IB MYP ENGLISH 1,2 HONORS

NCAA

Course Length: 2 Semesters Grade Level: 9

Credit per Semester: 1.0 (English)

Prerequisite: None

English Honors 1/2 prepares students to engage in an array of classic and contemporary works in text, video, audio, and other multimedia formats. Students develop the skills and knowledge to become critical readers and writers by analyzing key ideas and details, craft, and structure. At this level, reading selections of literature and literary nonfiction will be at the high end of the grades 9–10 text complexity band. Students develop their writing skills by examining various text types, structures, and purposes and by crafting arguments, explanatory/informational texts, and narratives. Students learn to produce and distribute quality writing using technology. Students conduct research, participate in a range of collaborative discussions, and integrate multiple sources of information. This course advances students' knowledge of the conventions of Standard English and strengthens vocabulary acquisition and use. Higher-level thinking skills of analysis, synthesis, and evaluation; group and individual oral activities; in- and out-of-class writing requiring detailed analysis; and reading of different genres from around the world help prepare students to succeed in Higher Level Language A or Advanced Placement coursework.

IB MYP ENGLISH 3,4

NCAA

Course Length: 2 Semesters Grade Level: 10

Credit per Semester: 1.0 (English)

Prerequisite: *Recommended IB MYP English 1,2*

English 3/4 prepares students to engage in an increasingly complex array of classic and contemporary literature and informational texts. Students expand the skills and knowledge of English 1/2 to become critical readers and writers by analyzing key ideas and details, craft, and structure. Students develop their writing skills by examining text types and purposes and writing more sophisticated arguments, explanatory/informational texts, and narratives. Students use technology to produce and distribute quality writing. Students conduct research, participate in a range of collaborative discussions, and integrate multiple sources of information. This course advances students' knowledge of the conventions of Standard English, strengthens vocabulary acquisition and use, and prepares students for real life communications.

IB MYP ENGLISH 3,4 HONORS***NCAA***

Course Length: 2 Semesters Grade Level: 10

Credit per Semester: 1.0 (English)

Prerequisite: IB MYP English 1, 2 w/teacher recommendation or IB MYP English 1,2 Honors

English Honors 3/4 prepares students to engage in an increasingly complex array of classic and contemporary literature and informational texts. Students expand the skills and knowledge of English 1/2 to become critical readers and writers by analyzing key ideas and details, craft, and structure. At this level, reading selections of literature and literary nonfiction will be at the high end of the grades 10-11 text complexity band. Students develop their writing skills by examining text types and purposes and writing more sophisticated arguments, explanatory/informational texts, and narratives. Students use technology to produce and distribute quality writing. Students conduct research, participate in a range of collaborative discussions, and integrate multiple sources of information. This course advances students' knowledge of the conventions of Standard English, strengthens vocabulary acquisition and use, and prepares students for real life communications. This course is for highly-motivated, capable students willing to study a broad sampling of literary materials with emphasis on conceptual and critical skills in reading, writing, and discussion. The sequence is designed to provide both instruction in higher-level skills and the opportunity to take Higher Level Language A or Advanced Placement courses in the junior and senior years. Summer reading may be required.

IB LANGUAGE & LITERATURE 5, 6, 7, 8 (ENGLISH) STANDARD LEVEL (SL)***NCAA******IB assessments (internal and external) are a requirement for this course.***

Course Length: 4 Semesters Grade Level: 11, 12

Credit per Semester: 1.0 (English)

Prerequisite: None

Part of the International Baccalaureate Program. This four semester study of global literature (including works in translation) focuses primarily on the development of solid analytics skills as demonstrated in essays of literacy criticism and in various oral presentations. Students may encounter literature (both full texts and bodies of work) from many diverse regions and cultures, including Latin America, Africa, Asia, and North America. A certain number of written and oral assignments throughout the two-year course are externally evaluation by the IB Examination Office to ensure that students meet the assessment criteria mandated by the Program. Expectations concerning workload are generally equivalent to Junior and Senior Level English courses.

IB LANGUAGE & LITERATURE 5, 6, 7, 8 (ENGLISH) HIGHER LEVEL (HL) *NCAA****IB assessments (internal and external) are a requirement for this course.***

Course Length: 4 Semesters Grade Level: 11, 12

Credit per Semester: 1.0 (English)

Prerequisite: IB MYP English 1,2,3,4 Honors

Part of the International Baccalaureate Program, this intensive, four-semester study of world literature in translation focuses primarily on the development of solid analytic skills as demonstrated in essays of literary criticism and in various oral presentations. Students encounter literature from many diverse regions and cultures, including Latin America, Africa, Asia, and North America. A certain number of written and oral assignments throughout the two-year course are externally evaluated by the IB Examination Office to ensure that students meet the assessment criteria mandated by the Program. Expectations concerning workload are generally equivalent to Honors and AP English courses.

ENGLISH 7,8

NCAA

Course Length: 2 Semesters Grade Level: 12

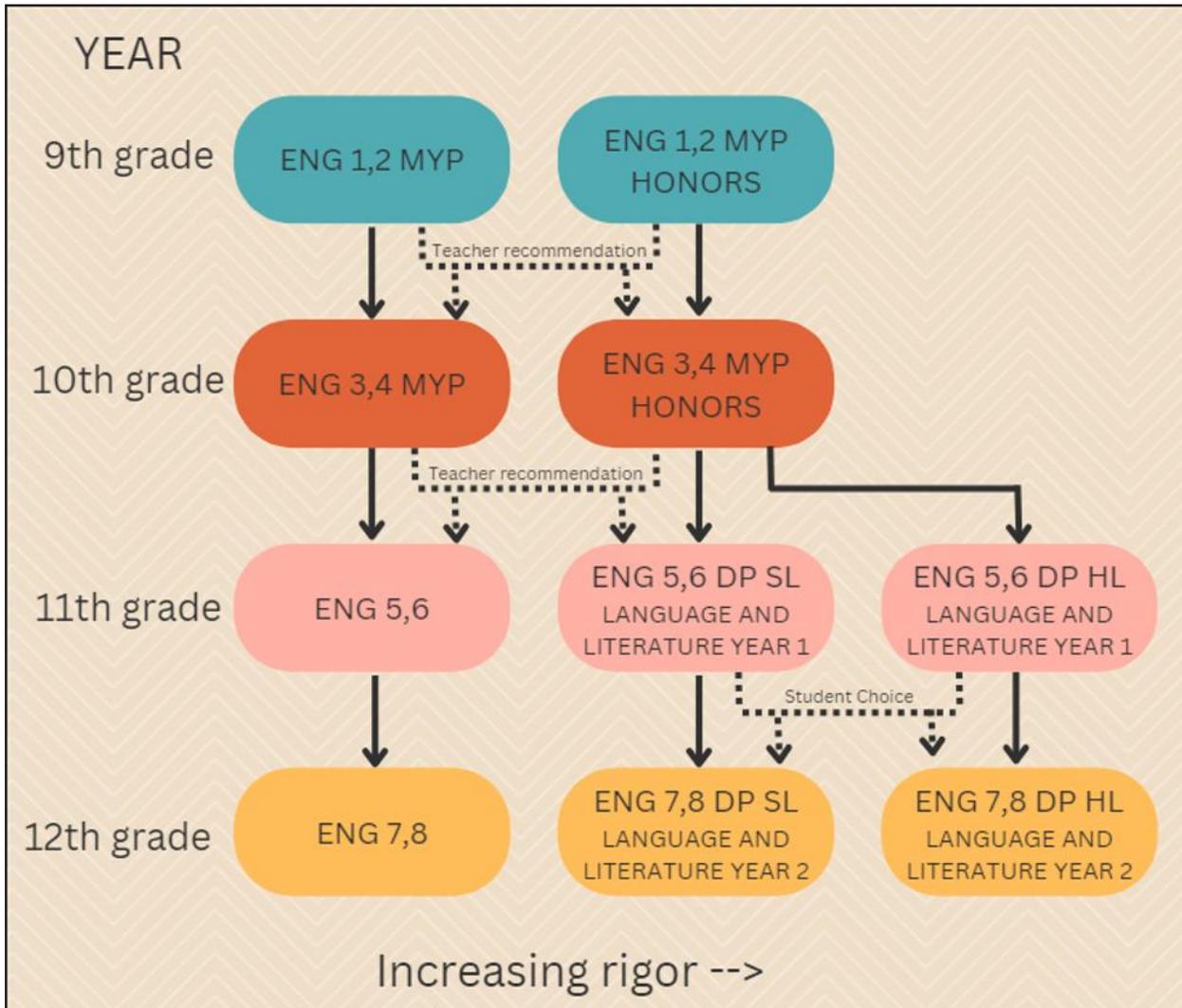
Credit per Semester: 1.0 (English)

Prerequisite: Recommended English 1-6

English 7/8 prepares students to engage in an array of classic and contemporary works in text, video, audio, and other multimedia formats. Students develop skills and knowledge to become critical readers and writers by analyzing key ideas and details, craft, and structure. This course integrates literature and informational text focusing on exploration of issues relevant to students' lives as adults and productive citizens. Students examine text types and purposes by reading and writing arguments, explanatory/informational texts, and narratives. Students use technology to produce, publish, and share quality writing products. Students conduct a research-based capstone project. They also participate in a range of collaborative discussions integrating multiple sources of information.

Students apply knowledge of the conventions of Standard English and strengthen vocabulary acquisition and use. These skills prepare students for real life communications in college and in 21st century careers. **The course is required for all graduates not taking IB English.**

ENGLISH COURSE PROGRESSION



CULTURALLY AND LINGUISTICALLY DIVERSE CLASSES

ENGLISH AS A SECOND LANGUAGE (ESL) READING 1,2,3,4,5,6,7,8

Course Length: 2 Semesters per year Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Instructor evaluation, taken concurrently with English class*

This course is designed to give students individualized help with basic reading skills. Students will work to improve in areas of vocabulary, reading comprehension and study skills.

ENGLISH AS A SECOND LANGUAGE (ESL) NEWCOMER 1,2

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Elective)

Prerequisite: *Instructor evaluation, taken concurrently with ESL Reading 1,2*

Designed for speakers who arrive at Palmer with no English proficiency. This class provides additional support for generating basic English skills in conjunction with introductory ESL English and Reading classes.

WORLD LANGUAGES CLASSES

It is HIGHLY RECOMMENDED that students earn a grade of "C" or better in a class before proceeding to the next level of any foreign language.

9th-grade students who want to have the option to complete a full IB Diploma Program in their upper years should enroll in a Spanish, French or Chinese class at either the 1,2 Honors or 3,4 Honors level as appropriate. This is because students will need to be prepared for success in IB language exams by 11th or 12th grade. German is not approved as an IB testing language at Palmer.

***NCAA* = DENOTES NCAA APPROVED COURSE**

CHINESE

HONORS IBMYP CHINESE 1,2 (Mandarin) *NCAA*

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *None*

This course is designed for highly-motivated students. Through comprehension-based instruction students are required to develop the skills of reading, writing, listening and speaking in the chosen World Language. Appropriate cultural and literary materials also are studied.

HONORS IBMYP CHINESE 3,4 (Mandarin) *NCAA*

Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Humanities)
Prerequisite: *Previous Level or Teacher Recommendation*

This course is designed for highly-motivated students. Through comprehension-based instruction students are required to develop the skills of reading, writing, listening and speaking in the chosen World Language. Appropriate cultural and literary materials also are studied.

IB CHINESE 5, 6 STANDARD LEVEL *NCAA*
IB assessments (internal and external) are a requirement for this course.
Course Length: 2 Semesters Grade Level: 9-11
Credit per Semester: 1.0 (Humanities)
Prerequisite: *Previous Level or Teacher Recommendation*

The Standard programme is designed to satisfy regulations of colleges and universities demanding the study of one or more foreign languages from all students, whatever their area of study as a prerequisite for matriculation. A good knowledge of basic structures, sound systems and vocabulary of the Mandarin language is expected. Reading comprehension should be emphasized, as should oral proficiency.

IB CHINESE 7,8 STANDARD LEVEL *NCAA*
IB assessments (internal and external) are a requirement for this course.
Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Humanities)
Prerequisite: *Previous Level or Teacher Recommendation*

This course is intended for academically oriented students who have completed three years of IB Chinese and are motivated to further develop their new skills. Grammar will be reviewed as needed to aid proficiency in the Language. Emphasis is placed on listening, speaking, reading, translating, writing and discussing examples of poetry, drama, and narrative prose. A project on the novel is required.

IB CHINESE 9,10 STANDARD LEVEL *NCAA*
IB assessments (internal and external) are a requirement for this course.
Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Humanities)
Prerequisite: *Previous Level or Teacher Recommendation*

This course will provide an experience comparable to that of a college-level Mandarin language course. It is intended for highly motivated students who have mastered basic language skills, and have a teacher recommendation. Emphasis is placed on oral and written communication as a variety of authentic texts, including but not limited to literary texts, are studied. Students may elect to take the Standard level or the High Level IB exam and will receive college credit or placement based on exam results. The class is conducted entirely in Spanish.

FRENCH

IBMYP LANGUAGE ACQUISITION FRENCH 1,2 *NCAA*

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: None

This course develops the language skills of listening, speaking, reading, and writing. Through a variety of enrichment activities and basic texts, the student learns to communicate in the language and appreciate the culture of the francophone world. In keeping with the requirements of the IB Middle Years Program framework of curriculum planning, instruction and assessment, this course requires students to make connections between classroom learning and experiences in the real world of the 21st century. In addition to the skill development of the subject matter itself, this course focuses on the development of skills in communication, intercultural understanding and global engagement. Through the pursuit of engaging questions and inquiry learning, this MYP course encourages students to think creatively, critically, and reflectively of themselves as learners in a complex world.

IBMYP FRENCH 1,2 HONORS *NCAA*

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Teacher Recommendation*

This course is designed for highly-motivated students. Through comprehension-based instruction students are required to develop the skills of reading, writing, listening and speaking in the chosen World Language. Appropriate cultural and literary materials also are studied.

IBMYP LANGUAGE ACQUISITION FRENCH 3,4

NCAA

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Previous Level or Teacher Recommendation*

This course broadens the knowledge and reinforces the language skills introduced in French phases 1 and 2. The student takes part in lessons designed to make the study of French interesting and practical and develops a deeper appreciation of the francophone world through a year-long series of cultural experiences. In keeping with the requirements of the IB Middle Years Program framework of curriculum planning, instruction and assessment, this course requires students to make connections between classroom learning and experiences in the real world of the 21st century. In addition to the skill development of the subject matter itself, this course focuses on the development of skills in communication, intercultural understanding and global engagement. Through the pursuit of engaging questions and inquiry learning, this MYP course encourages students to think creatively, critically and reflectively of themselves as learners in a complex world.

IBMYP FRENCH 3,4 HONORS *NCAA*

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Previous Level or Teacher Recommendation*

This course is designed for highly-motivated students. It broadens and reinforces the language skills from the IB MYP Honors 1-2 course. Appropriate cultural and literary materials also are studied.

FRENCH 5,6 ***NCAA***
Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Humanities)
Prerequisite: *Previous Level or Teacher Recommendation*

In this course the student applies the skills and expands upon the knowledge acquired in the first two years of French and becomes more versatile in the language by conversing, reading, and writing. Various literary selections enrich the student's cultural understanding.

IB FRENCH 5,6 STANDARD LEVEL ***NCAA***
IB assessments (internal and external) are a requirement for this course.
Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Humanities)
Prerequisite: *Previous Level or Teacher Recommendation*

The IB programme is designed to satisfy regulations of colleges and universities demanding the study of one or more foreign languages from all students, whatever their area of study as a prerequisite for matriculation. A good knowledge of basic structures, sound systems and vocabulary of the French language is expected. Reading comprehension should be emphasized, as should oral proficiency.

IB FRENCH 7,8 STANDARD LEVEL or HIGHER LEVEL ***NCAA***
IB assessments (internal and external) are a requirement for this course.
Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Humanities)
Prerequisite: *Previous Level or Teacher Recommendation*

This course is intended for academically oriented students who have completed three years of IB French and are motivated to further develop their new skills. Grammar will be reviewed as needed to aid proficiency in the Language. Emphasis is placed on listening, speaking, reading, translating, writing and discussing examples of poetry, drama, and narrative prose. A project on the novel is required.

IB FRENCH 9,10 STANDARD LEVEL or HIGHER LEVEL ***NCAA***
IB assessments (internal and external) are a requirement for this course.
Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Humanities)
Prerequisite: *Previous Level or Teacher Recommendation*

This course will provide an experience comparable to that of a college level French language course. It is intended for highly motivated students who have mastered the basic language skills, and have a teacher recommendation. Emphasis is placed on oral and written communication as a variety of authentic texts, including but not limited to literary texts, are studied. Students may elect to take the High Level or the Standard Level IB French exam and may receive college credit/placement. This class is conducted entirely in French.

GERMAN

IBMYP LANGUAGE ACQUISITION GERMAN 1,2 *NCAA*

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (*Humanities*)

Prerequisite: *None*

This course develops the language skills of listening, speaking, reading, and writing. The student takes part in lessons designed to make the study of German interesting and practical and develops a deeper appreciation of the German language through a year-long series of cultural experiences. In keeping with the requirements of the IB Middle Years Program framework of curriculum planning, instruction and assessment, this course requires students to make connections between classroom learning and experiences in the real world of the 21st century. In addition to the skill development of the subject matter itself, this course focuses on the development of skills in communication, intercultural understanding and global engagement. Through the pursuit of engaging questions and inquiry learning, this MYP course encourages students to think creatively, critically, and reflectively of themselves as learners in a complex world.

IBMYP LANGUAGE ACQUISITION GERMAN 3,4 *NCAA* **(Honors available at this level)**

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (*Humanities*)

Prerequisite: *Previous Level or Teacher Recommendation*

This course broadens the knowledge and reinforces the language skills introduced in German 1, 2. The student takes part in lessons designed to make the study of German interesting and practical and develops a deeper appreciation of the German language through a year-long series of cultural experiences. In keeping with the requirements of the IB Middle Years Program framework of curriculum planning, instruction and assessment, this course requires students to make connections between classroom learning and experiences in the real world of the 21st century. In addition to the skill development of the subject matter itself, this course focuses on the development of skills in communication, intercultural understanding and global engagement. Through the pursuit of engaging questions and inquiry learning, this MYP course encourages students to think creatively, critically and reflectively of themselves as learners in a complex world.

IB GERMAN 5,6 STANDARD LEVEL *NCAA*

IB assessments (internal and external) are a requirement for this course.

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (*Humanities*)

Prerequisite: *Previous Level or Teacher Recommendation*

The IB programme is designed to satisfy regulations of colleges and universities demanding the study of one or more foreign languages from all students, whatever their area of study as a prerequisite for matriculation. A good knowledge of basic structures, sound systems and vocabulary of the German language is expected. Reading comprehension should be emphasized, as should oral proficiency.

GERMAN 7,8 HONORS***NCAA***

Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Humanities)
Prerequisite: *Previous Level or Teacher Recommendation*

This course is intended for academically oriented students who have completed three years of high school German and are motivated to further develop their skills. Grammar will be reviewed as needed to aid proficiency in the language.

Emphasis is placed on speaking, reading, writing, and comprehension through reading short stories, poetry, and a play. One enrichment project will be required each semester.

GERMAN 9,10 AP***NCAA***

Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Humanities)
Prerequisite: *Previous Level or Teacher Recommendation*

This course will provide an experience comparable to that of a college-level literature or composition German course. It is intended for highly motivated students who have mastered basic language skills and have a teacher recommendation. Emphasis is placed on grammar, reading, and vocabulary expansion. Students may elect to take the National Advanced Placement Examination and will receive college credit or placement based on exam results. The class is conducted almost entirely in German.

SPANISH**IBMYP LANGUAGE ACQUISITION SPANISH 1,2*****NCAA***

Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Humanities)
Prerequisite: *None*

This course develops the language skills of listening, speaking, reading, and writing. Through a variety of enrichment activities and basic texts, the student learns to communicate in the language and appreciate the culture of the Spanish-speaking world. In keeping with the requirements of the IB Middle Years Program framework of curriculum planning, instruction and assessment, this course requires students to make connections between classroom learning and experiences in the real world of the 21st century. In addition to the skill development of the subject matter itself, this course focuses on the development of skills in communication, intercultural understanding and global engagement. Through the pursuit of engaging questions and inquiry learning, this MYP course encourages students to think creatively, critically, and reflectively of themselves as learners in a complex world.

HONORS IBMYP SPANISH 1,2***NCAA***

Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Humanities)
Prerequisite: *Previous Level or Teacher Recommendation*

This course is designed for highly-motivated students. Through comprehension-based instruction students are required to develop the skills of reading, writing, listening and speaking in the chosen World Language. Appropriate cultural and literary materials also are studied.

IBMYP LANGUAGE ACQUISITION SPANISH 3,4 *NCAA*

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Previous Level or Teacher Recommendation*

This course broadens the knowledge and reinforces the language skills introduced in Spanish 1, 2. The student takes part in lessons designed to make the study of Spanish interesting and practical and develops a deeper appreciation of the Spanish language through a year-long series of cultural experiences. In keeping with the requirements of the IB Middle Years Program framework of curriculum planning, instruction and assessment, this course requires students to make connections between classroom learning and experiences in the real world of the 21st century. In addition to the skill development of the subject matter itself, this course focuses on the development of skills in communication, intercultural understanding and global engagement. Through the pursuit of engaging questions and inquiry learning, this MYP course engages students to think creatively, critically and reflectively of themselves as learners in a complex world.

HONORS IBMYP SPANISH 3,4 *NCAA*

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Previous Level or Teacher Recommendation*

This course is designed for highly-motivated students. It broadens and reinforces the language skills from the IB MYP Honors 1-2 course. Appropriate cultural and literary materials also are studied.

SPANISH 5,6 *NCAA*

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Previous Level or Teacher Recommendation*

In this course the student applies the skills and expands upon the knowledge acquired in the first two years of Spanish and becomes more versatile in the language by conversing, reading, and writing. Various literary selections enrich the student's cultural understanding.

IB SPANISH 5, 6 STANDARD LEVEL *NCAA****IB assessments (internal and external) are a requirement for this course.***

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Previous Level or Teacher Recommendation*

The Standard programme is designed to satisfy regulations of colleges and universities demanding the study of one or more foreign languages from all students, whatever their area of study as a prerequisite for matriculation. A good knowledge of basic structures, sound systems and vocabulary of the Spanish language is expected. Reading comprehension should be emphasized, as should oral proficiency.

IB SPANISH 7,8 STANDARD LEVEL or HIGHER LEVEL *NCAA*

IB assessments (internal and external) are a requirement for this course.

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Previous Level or Teacher Recommendation*

This course is intended for academically oriented students who have completed three years of IB Spanish and are motivated to further develop their new skills. Grammar will be reviewed as needed to aid proficiency in the Language. Emphasis is placed on listening, speaking, reading, translating, writing and discussing examples of poetry, drama, and narrative prose. A project on the novel is required.

IB SPANISH 9,10 STANDARD LEVEL or HIGHER LEVEL *NCAA*

IB assessments (internal and external) are a requirement for this course.

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Previous Level or Teacher Recommendation*

This course will provide an experience comparable to that of a college-level Spanish language course. It is intended for highly motivated students who have mastered basic language skills, and have a teacher recommendation.

Emphasis is placed on oral and written communication as a variety of authentic texts, including but not limited to literary texts, are studied. Students may elect to take the Standard level or the High Level IB exam and will receive college credit or placement based on exam results. The class is conducted entirely in Spanish.

SPANISH FOR NATIVE/FLUENT/HERITAGE SPEAKERS

SPANISH PROFICIENCY 1,2 *NCAA*

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Previous Level or Teacher Recommendation*

This course is intended for the native or fluent Spanish speaker who would like to maintain or strengthen her/her reading, writing and oral communication skills. Through reading a variety of texts, students will gain an appreciation for Hispanic literature, while celebrating the Spanish heritage. Lastly, this course will prepare students to participate in a global economy that requires fluency in more than one language.

SPANISH LANGUAGE ARTS 1,2 *NCAA*

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Previous Level or Teacher Recommendation*

This course is intended for native Spanish speakers and continues skills developed in Spanish Proficiency 1,2. It will maintain and build upon language skills emphasizing complex grammar structures, as well as phonemic and cultural awareness.

IB SPANISH LANGUAGE A SL 5,6

IB assessments (internal and external) are a requirement for this course.

Course Length: 2 semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Previous Level or Teacher Recommendation*

This course is intended for native Spanish speakers. It will maintain and build upon language skills

emphasizing complex grammar structures, as well as academic language. It is also intended for those Spanish-speaking students who desire to take the IB Spanish exam.

IB SPANISH LANGUAGE A SL 7,8

IB assessments (internal and external) are a requirement for this course.

Course Length: 2 semesters Grade Level: 9-12

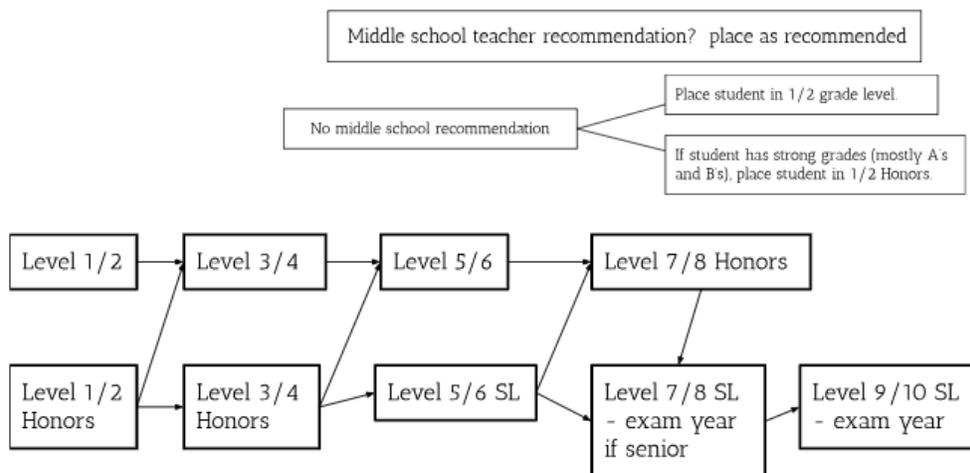
Credit per Semester: 1.0 (Humanities)

Prerequisite: Previous Level or Teacher Recommendation

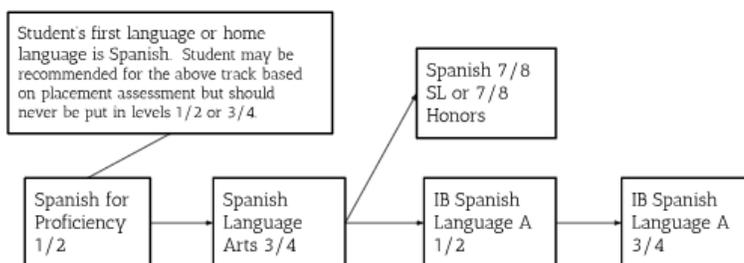
This course is intended for native Spanish speakers. It will maintain and build upon language skills emphasizing complex grammar structures, as well as academic language. It is also intended for those Spanish-speaking students who desire to take the IB Spanish exam.

COURSE PROGRESSION FOR WORLD LANGUAGE CLASSES

Palmer High School World Languages Flow Chart



Students may move from honors to grade level without special consideration as long as they are not planning on the Diploma Program. Students wanting to move from grade level to honors require special consideration with teacher recommendation and acceptance.



December 2022

MATHEMATICS CLASSES

***NCAA* = DENOTES NCAA APPROVED COURSE**

IBMYP ALGEBRA 1,2 ***NCAA***

Course Length: 2 Semesters Grade Level: 9

Credit per Semester: 1.0 (Math)

Prerequisite: None

IB MYP Algebra 1, 2 will prepare students for success in college, in their careers, and daily lives in the 21st century by developing their ability to explore and solve real-world math problems, think critically, work cooperatively, and communicate ideas clearly. The course encourages and supports different learning styles by using visual and hands-on approaches that could include computer and graphing calculator technologies, direct instruction, exploratory activities, projects, and group work.

IBMYP ALGEBRA 1,2 H ***NCAA***

Course Length: 2 Semesters Grade Level: 9

Credit per Semester 1.0 (Math)

Prerequisite: *Teacher Recommendation*

This course extends the program offered by the IB Middle Years Program and extends the basic Algebra 1,2 course to the honors level. The intent of both extensions is to better meet the needs of students who wish to accelerate learning but who have not had sufficient opportunity to master (at an honors level) fundamental concepts and skills of introductory algebra necessary to successfully study geometry at an honors level.

IBMYP INTERMEDIATE ALG-GEOM 1,2 H ***NCAA***

Course Length: 2 Semesters Grade Level: 9,10

Credit per Semester: 1.0 (Math)

Prerequisite: *A/B in IBMYP Algebra 1,2 H or Teacher Recommendation*

The course is organized around the concept of function and techniques of mathematical analysis to identify patterns and to create and use functions that model real-world data. The course focuses particularly on linear functions; exponential and quadratic functions are introduced. Topics of number sense and computation; algebra and problem solving; probability and statistics; geometry; and measurement are interwoven throughout the course.

IBMYP ADVANCED ALGEBRA-GEOMETRY 1,2 H *NCAA*

Course Length: 2 Semesters Grade Level: 9,10

Credit per Semester: 1.0 (Math)

Prerequisite: *A/B in IBMYP Intermediate Algebra-Geometry 1,2 H or teacher recommendation*

This honors course is intended to prepare students to enter the most rigorous IB Math courses, Math Applications HL and Math Analysis HL. Topics discussed include measurement and descriptive statistics, variations, linear and quadratic equations, and polynomials of higher degree, exponential and logarithmic functions, series and sequences, introduction to trigonometry, functions and inverse functions, and transformations. This course places particular emphasis on strengthening the students' algebra and graphing skills and requires significant application of the topics discussed.
Graphing calculators are required for this course.

IBMYP INTEGRATED MATH 1,2***NCAA***

Course Length: 2 Semesters Grade Level: 10-12

Credit per Semester: 1.0 (Math)

Prerequisite: Algebra 1,2

This course is intended as a “bridge course” for students who have passed first-year algebra and who need additional algebraic preparation before enrolling in second-year algebra. This course reviews and extends students’ prior learning in topics that include: linear and quadratic functions, equations, inequalities and systems to develop basic concepts of higher-order polynomials; exponential functions and equations to develop math models; radicals and rational exponents to develop broader concepts of algebraic equivalences, functions and equations; proportional reasoning to develop geometric concepts of congruence, similarity and right-triangle trigonometric ratios; circle geometry and the Pythagorean Theorem to develop the equation of a circle and basic concepts of trigonometric functions; reasoning with probability and statistics to develop making and justifying data-based references. In this course, particular emphasis will be placed on further developing students’ skills in reading, interpreting and solving math problems given in rich contexts; deepening students’ understanding of connections between algebraic and graphical representations of functions and developing students understanding of connections between algebraic and geometric representations.

ALGEBRA 3,4***NCAA***

Course Length: 2 Semesters Grade Level: 10-12

Credit per Semester: 1.0 (Math)

Prerequisite: Teacher Recommendation

Algebra 3,4 is based on the Colorado Academic Standards for Mathematical Content and Practices and is aligned with the expectations of the SAT college readiness assessment. Students’ success in this course depends greatly on their mastery of Algebra 1, 2. Topics in this course include the algebraic, numeric and graphical study of functions and systems of functions (polynomial, rational, radical, exponential, logarithmic and trigonometric), transformations of functions, multi-step contextual problem solving and modeling with functions, trigonometric values in the unit circle, complex numbers, probability of compound events (independence and conditional probability), and statistical analysis and decision-making including use of the normal distribution. Graphing technology is required for this course.

FUNCTIONS/STATISTICS/TRIGONOMETRY 1,2*NCAA*

Course Length: 2 Semesters Grade Level: 12

Credit per Semester: 1.0 (Math)

Prerequisite: A/B in Algebra 3, 4

Objectives of this course are to review and reinforce algebraic concepts and to extend these concepts by an in- depth study of functions. Trigonometry is covered both from the functional concept and from the practical viewpoint. The student is introduced to circular functions, identities, graphs of circular functions, inverse functions, solutions of triangles including the laws of sines and cosines, and conic sections. Graphing calculators are strongly recommended for this course.

CONSUMER MATH 1,2

Course Length: 2 Semesters

Grade Level: 9-12

Credit per Semester 1.0 (Math)

This course is designed to meet the needs of a young adult in the realm of consumer mathematics. Major topics include budgeting, housing, banking, income tax, insurance, credit, and investments. The course is divided into two non- sequential semesters, so students may take either one or both. This course will not satisfy college entrance requirements (CCHE). Calculators are recommended for this course

IB MATHEMATICS APPLICATIONS AND INTERPRETATION STANDARD LEVEL 1,2,3,4

NCAA

IB assessments (internal and external) are a requirement for this course.

Course Length: 4 Semesters Grade Level: 11,12

Credit per Semester: 1.0 (Math)

Prerequisite: A/B in IBMYP Integrated Math

Mathematics Applications and Interpretation SL is a course designed for students who wish to gain a good knowledge of mathematics, but with an emphasis on the applied nature of the subject. They may have found more traditional mathematics courses a challenge and it will appeal to students who enjoy the practical application of mathematics to real life situations. This course is suitable for students who may go on to further study in subjects that utilize mathematics in this way such as biology, the human sciences and business.

IB MATHEMATICS APPLICATIONS AND INTERPRETATION HIGHER LEVEL 1,2,3,4

NCAA

IB assessments (internal and external) are a requirement for this course.

Course Length: 4 Semesters Grade Level: 11,12

Credit per Semester: 1.0 (Math)

Prerequisite: A in IBMYP Algebra/Geometry Honors and Teacher Recommendation required

Mathematics Applications and Interpretation HL is designed for students who wish to gain an in-depth knowledge of mathematics, but with an emphasis on the applied nature of the subject. It will appeal to students who enjoy the practical application of mathematics to real life situations. This course is suitable for students who may go on to further study in subjects that utilize mathematics in this way such as biology, the human sciences and business.

IB MATHEMATICS ANALYSIS AND APPROACHES STANDARD LEVEL 1,2,3,4

NCAA

IB assessments (internal and external) are a requirement for this course.

Course Length: 2 Semesters Grade Level: 11,12

Credit per Semester: 1.0 (Math)

IBMYP Advanced Algebra/Geometry Honors and Teacher Recommendation required.

Mathematics Analysis and Approaches SL is a course designed for students who wish to study a good level of mathematics, but not at a higher level. It will appeal to students who are interested in exploring real and abstract applications of mathematical concepts. They will enjoy problem solving and generalization. This course is suitable for students who may go on to further study in subjects that have a mathematical background, for example economics, geography and chemistry.

IB MATHEMATICS ANALYSIS AND APPROACHES HIGHER LEVEL 1,2,3,4

NCAA

IB assessments (internal and external) are a requirement for this course.

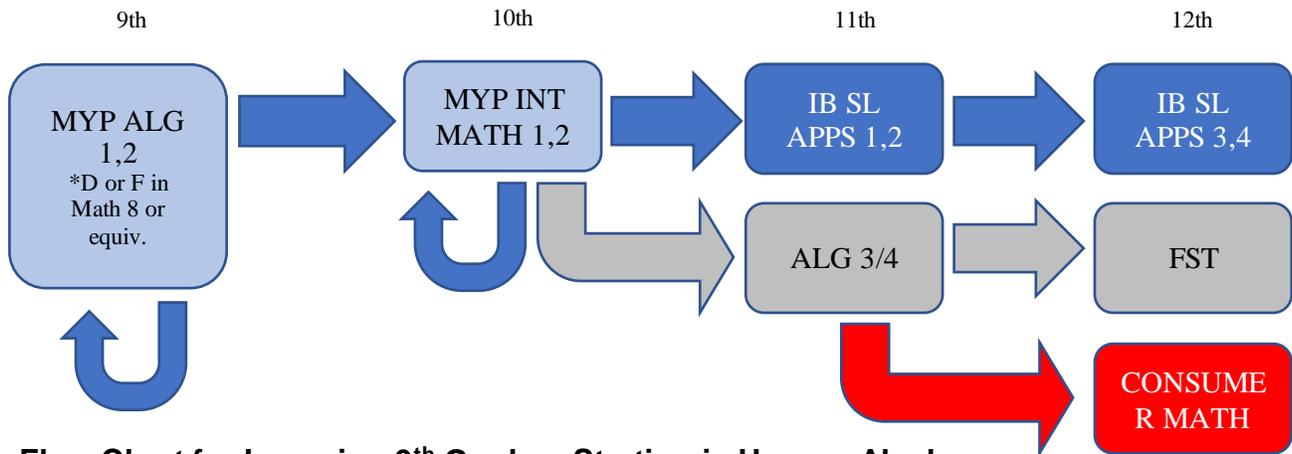
Course Length: 2 Semesters Grade Level: 11,12

Credit per Semester: 1.0 (Math)

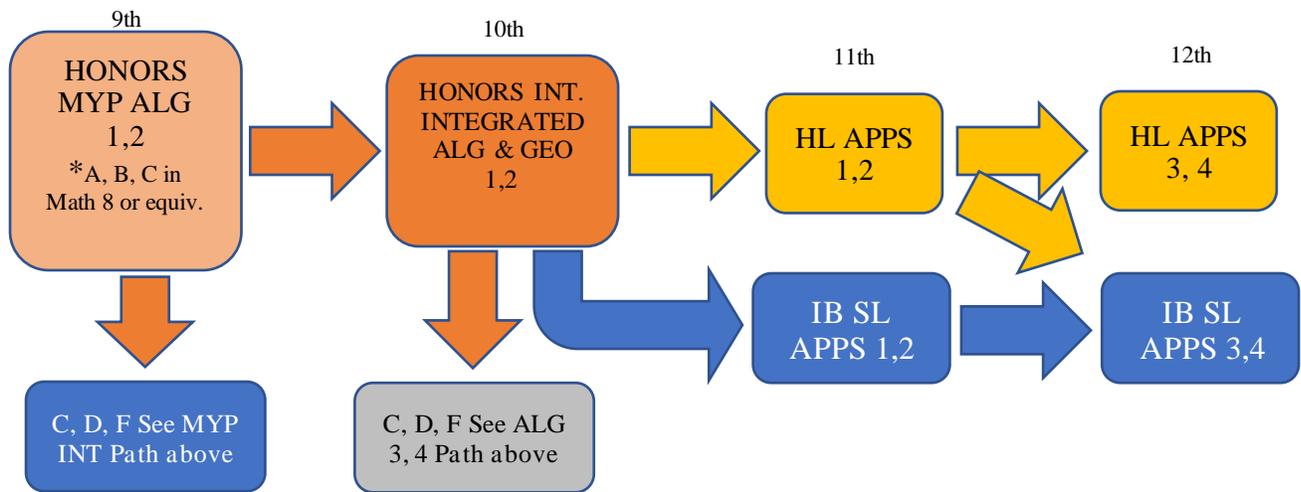
IBMYP Advanced Algebra/Geometry Honors and Teacher Recommendation required.

Mathematics Analysis and Approaches HL is a course designed for students who wish to study mathematics in- depth and gain a formal understanding of the subject. It will appeal to students who are interested in exploring real and abstract applications of mathematical concepts. They will enjoy problem solving and generalisation. This course is suitable for students who may go on to further study in subjects that have a significant level of mathematics content, for example mathematics itself, engineering, physical sciences or economics.

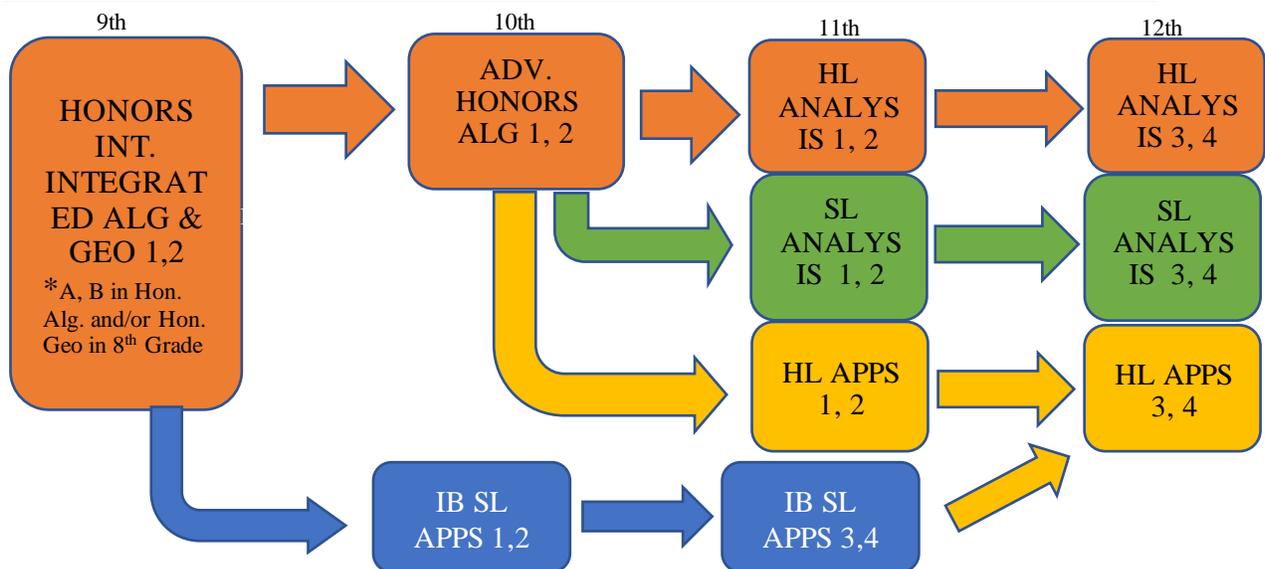
Flow Chart for Incoming 9th Graders Starting in Algebra



Flow Chart for Incoming 9th Graders Starting in Honors Algebra



Flow Chart for Incoming 9th Graders Starting in Honors Intern. Alg. & Geom.



PERFORMING ARTS CLASSES

<i>Band:</i>	<i>Mr. Ward</i>	<i>328-4755</i>
<i>Choir:</i>	<i>Mr. Peckham</i>	<i>328-7370</i>
<i>Orchestra:</i>	<i>Mr. Rodine</i>	<i>328-7347</i>
<i>Theater:</i>	<i>TBD</i>	

Students who enroll in Band/Choir/Orchestra are required to enroll for the entire year. This enables instruction to progress throughout the year without having to spend time reviewing at the beginning of each semester.

BAND

MARCHING BAND

Course Length: *1 Semester (Fall)* Grade Level: *9-12*

Credit per Semester: *1.0 (Humanities)*

Prerequisite: *Prior band experience and Director's approval*

This after-school section is the competitive marching band at Palmer. This select group competes in CBA marching competitions around the state and at the Director's discretion, also competes in out-of-state festivals and competitions. The marching band performs at half-time for home football games as well as various parades and community functions. Due to performance demands and requirements, Marching Band rehearsals, band camps (both locally and out of town, usually on a college or university campus) and practices begin up to two weeks prior to the opening of school. These practices and rehearsals are mandatory and part of the regular schedule. Members are required to attend all rehearsal and practices that are scheduled after school, on 'teacher work days', and on some Saturdays. The Color Guard is a part of Marching Band and has the same requirements listed above plus additional Guard practices and clinics. All rehearsals, practices, sectionals, and performances are part of the student's grade.

CONCERT BAND 1,2

Course Length: *2 Semesters* Grade Level: *9-12*

Credit per Semester: *1.0 (Humanities)*

Prerequisite: *None*

This is a Level II high school instrumental music class. Some playing experience is necessary to enroll in this class. This band is a training group to prepare students with skills necessary to participate in a Level III (Symphonic) band class. Literature is geared to the member's abilities with emphasis being placed on improvement of tone quality, reading skills, musicianship, and technical proficiency. This band may participate in music festivals and contests at the discretion of the director and performs for school and community events throughout the school year. Attendance at scheduled performances, sectionals, and additional rehearsals is required and is part of the student's grade.

SYMPHONIC BAND 1,2

Course Length: *2 Semesters* Grade Level: *9-12*

Credit per Semester: *1.0 (Humanities)*

Prerequisite: *Director's approval*

This band is designed to help prepare students with skills necessary to participate in Wind Ensemble and Marching Band. Literature is geared to the members' abilities with emphasis being placed on improvement of tone quality, reading skills, musicianship, and the technical proficiency required for more advanced literature and performance. Symphonic Band is also part of the marching/pep band and performs at pep assemblies, half time at home football games, parades and community events. This band may participate in music festivals and contests at the discretion of the director and performs for school and community events throughout the school year. Attendance at

scheduled performances, sectionals, and additional rehearsals is required and is part of the student's grade.

WIND ENSEMBLE 1,2

Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Humanities)
Prerequisite: *Director's approval and a Successful Audition*

Wind Ensemble is a select ensemble of 35 - 52 members selected from the marching band. Wind Ensemble is the concert group of the marching band. Membership is by audition only and is open to those members of marching band who demonstrate the highest level of technical skill, musicianship, and dedication. Wind Ensemble is a very demanding performance-oriented ensemble that meets fall and spring semesters. Membership in this group is subject to the Director's approval and any member will be removed if the Director deems their requisite skills and their apparent dedication as substandard at any time. Participation in concerts during the regular school day, evenings, at community events, as well as Large Group Festival are part of the requirements and are a part the student's grade.

PERCUSSION 1,2

Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Humanities)
Prerequisite: *None*

This course is designed for those students who have selected percussion as their instrument of choice. The students in this class will make up the marching band drum line. Drum set instruction will be very limited.

JAZZ ENSEMBLE 1,2

Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Humanities)
Prerequisite: *Director's approval. Audition may be required.*

This is a Level II high school instrumental music class. Some playing experience is necessary to enroll in this class. Only those students who demonstrate a thorough knowledge and understanding of their instruments will be considered for inclusion in this group. Basic instrumentation includes saxophone, trumpet, trombone, piano, bass, guitar, and trap set. Jazz ensemble performs at jazz festivals, assemblies, concerts, and community events. This band provides an opportunity for the student to study and perform music in the jazz idiom. Attendance at scheduled performances is required and is considered part of the student's grade. Ability to perform on an instrument at Level II or beyond. Ability to read Level II musical notation. Ability to write basic musical notation. Ability to identify and understand musical structure.

ORCHESTRA

CONCERT STRINGS 1,2

Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Humanities)
Prerequisite: *Director's approval*

Concert Strings is an introductory class to secondary instrumental strings and ensemble performance. This is a training group to prepare students to participate in upper-level performance classes. Emphasis is placed on developing technique, music reading skills and basic ensemble playing. Attendance at scheduled performances is required and is considered part of the student's grade.

SYMPHONIC STRINGS 1,2

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Director's approval*

Symphonic Strings is an intermediate performance class that builds on skills students have acquired in previous instrumental study. Emphasis is placed on developing skills specific to each instrument while contributing meaningfully to an ensemble. Literature is geared to the members' abilities with emphasis being placed on improvement of tone quality, reading skills and technical proficiency. This ensemble may participate at music festivals/contests at the discretion of the director. Attendance at scheduled performances is required and is considered part of the student's grade.

CHAMBER ORCHESTRA 1,2 (Advanced Level)

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Director's approval through audition*

Chamber Orchestra aims to develop an understanding and appreciation of various musical styles and genres through performance. Emphasis is placed on the improvement of ensemble playing. Members of this ensemble are selected to perform for school and community events throughout the year. This ensemble participates in various music festivals/contests. Students selected for Chamber Orchestra demonstrate an above-average understanding of their instrument and display a high level of musical sophistication through their performance. Attendance at scheduled performances is required and is considered part of the student's grade.

CHOIR

TENOR-TENOR-BARITONE-BASS CHOIR 1,2

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *None*

This choir is open to tenors, baritones, and basses with or without previous choral experience. This choir performs in school and community concerts during the school year. This choir provides an opportunity for the student to develop vocal skills and musical knowledge as well as perform literature written for tenor, baritone, and bass voices. Attendance at scheduled performances is required and is considered part of the student's grade.

SOPRANO-SOPRANO-ALTO-ALTO CHOIR 1,2

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *None*

This choir is open to sopranos and altos with or without previous vocal experience. This choir performs in school and community concerts during the school year. This choir may also perform at one festival during the school year. This choir provides an opportunity for students to develop vocal skills and musical knowledge, as well as perform literature written for soprano and alto voices. Attendance at scheduled performances is required and is considered part of the student's grade.

JAZZ CHOIR 1,2

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Director's approval*

This is a Level II high school music class. This class requires some singing experience. This class is a mixed Soprano-Alto-Tenor-Bass choir. This choral ensemble performs vocal jazz music. Ability to perform vocally at Level II or beyond. Ability to read Level II musical notation. Ability to write basic musical notation. Ability to identify and understand musical structure. Contemporary Vocal Ensemble courses help students develop vocal techniques while focusing primarily on contemporary stage literature styles, such as traditional jazz, jazz improvisation, and rock. These courses may also focus on gospel, show choir, or barbershop choral group dynamics. The ensembles provide performance opportunities and include experiences in creating and responding to music.

JAZZ CHOIR 1,2 H

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (*Humanities - Honors*)

Prerequisite: *Audition and Director's approval*

Jazz Choir is an advanced choir made up of highly motivated young singers. Singers must be able to sing solos and intricate harmony. Much of the music sung is in three to six parts. Jazz styles will be emphasized. Attendance at scheduled performances is required and is considered part of the student's grade.

CHAMBER SINGERS 1,2 (Highest Level Choir)

Course Length: 2 Semesters Grade Level: 10-12

Credit per Semester: 1.0 (*Humanities - Honors*)

Prerequisite: *Audition and Director's approval*

The Palmer High School Chamber Singers sing choral works from all genres. Dedication and commitment are required to be selected to sing in this choir. Strong choral and reading skills are highly recommended. Attendance at scheduled performances is required and is considered part of the student's grade

THEATRE

IBMYP THEATRE ARTS 1,2

Course Length: 1 Semester Grade Level: 9,10

Credit per Semester: 1.0 (*Elective - Honors*)

Prerequisite: *Recommended for students taking multiple core honors classes in 9th and/or 10th grade*

IBMYP Theatre Arts provides students with opportunities to develop their interests in all aspects of theatrical art and performance. This course introduces students to theatre history, technical work, performance skills, and the elements of stage production.

ACTING TECHNIQUES 1 and 2

Course Length: 1 Semester each Grade Level: 9-12

Credit per Semester: 1.0 (*Humanities*)

Prerequisite: *None*

Acting Techniques covers advanced methods of acting; styles, improvisation, stage movement, dialects, play and character analysis, monologue and scene performance.

ACTING TECHNIQUES 3 and 4

Course Length: 1 semester each Grade Level: 10-12

Credit per Semester: 1.0 (*Humanities*)

Prerequisite: *Acting Techniques 1,2 or Teacher Approval*

Acting Techniques covers advanced methods of acting: styles, improvisation, stage movement, dialects, play and character analysis, and scene performance.

STAGECRAFT 1,2

Course Length: 2 Semester Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: None

This is primarily a hands-on lab course in backstage work. Students will learn basic tools and facilities. They will be involved in maintaining the stage and working on theatrical productions. Areas covered will be scenery construction, lighting, make-up, costuming, and general stage operation.

IB THEATRE ARTS 1,2 SL

Course Length: 2 Semesters Grade Level: 11-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: *Some Theatre recommended*

The IB Diploma Programme theatre course is a multifaceted theatre-making course. It gives students the opportunity to make theatre as creators, designers, directors and performers. It emphasizes the importance of working both individually and as part of an ensemble. It offers the opportunity to engage actively in the creative process of inquiring, developing, presenting and evaluating. Students are encouraged to work as inquisitive and imaginative artists, transforming ideas into action and communicating these to an audience.

OTHER PERFORMING ARTS

MUSIC THEORY 1,2

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: None

This course is designed to develop and strengthen skills in music fundamentals, ear training, elementary harmony, and composition. These skills will be developed through reading, writing, and singing music with some elementary keyboard experience. Study of the various styles and forms will lead to an awareness and appreciation of music history from antiquity to the 21st century.

BEGINNING MUSIC THEORY & TECH 1,2

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: None

Beginning Music Theory and Technology is designed to help the student develop basic skills. Students will use technology to learn about scales, chords, and basic analytical skills. Students will also learn the basic of sequencing and music synthesis. Skills will be developed in a Disc Jockey (DJ) context.

INTERMEDIATE MUSIC THEORY & TECH 1,2

Course Length: 2 Semesters Grade Level: 9-12

Credit per Semester: 1.0 (Humanities)

Prerequisite: None

Music Theory courses provide students with an understanding of the fundamentals of music and include the following topics: composition, arranging, analysis, aural development, and sight reading. Skills will be

developed in a Disc Jockey (DJ) context.

IB MUSIC 1,2 SL

Course Length: 2 Semesters Grade Level: 11,12

Credit per Semester: 1.0 (Elective)

Prerequisite: *Music Theory recommended*

The study of music is concerned with the elements of music, as well as the music culture. Both worldwide and historical perspectives are required of students, as well as some commitment to creating and performing music. IB Music courses prepare students to take the International Baccalaureate Music exams. IB Music courses develop students' knowledge and understanding of music through study of musical perception, including study of musical elements, form and structure, notations, musical terminology and context. These courses include exploration of music from different places, cultures, and time periods. They also involve training in at least one of the following: creating, solo performing, and group performing.

IB MYP DANCE 1,2

Course Length: 2 Semesters Grade Level: 11,12

Credit per Semester: 1.0 (Elective)

Prerequisite: *None*

This course is an introduction to the basics of dance technique in modern, jazz, tap, ballet, and musical theater. Students will develop skills of body alignment, coordination, musicality, and dance vocabulary. Course work will include barre and center floor warm-up, floor work, and dance combinations. Students will be expected to dress-out and have dance shoes or socks.

PHYSICAL EDUCATION AND HEALTH CLASSES

The graduation requirement for Physical Education is three (3.0) credits in grades 9-12.

The graduation requirement for Health is one credit. It is recommended that all students take health during the sophomore year.

A gym uniform is required for all activity classes. Acceptable uniforms include gym shorts, t-shirt, sweats, socks, tennis shoes. The Physical education uniform must be different from clothes worn that day to school. In swimming classes, boy's swim suits must have a liner and a drawstring. Girls are encouraged to wear one-piece suits designed for lap swimming. Swim caps are required for all students with long hair (teacher discretion). In all activity classes, it is the student's responsibility to supply a lock and keep personal items secured.

IBMYP HEALTH

Course Length: 1 Semester Grade Level: 10-12

Credit per semester: 1.0 (Health)

Prerequisite: None

This course will influence attitudes toward health which will promote respect for the human mind and body and the factors which foster optimum healthful living. Good health shall be identified as mental, social, and physical well-being and not merely the absence of disease and infirmity. Emphasis will be placed on developing self-esteem and positive interpersonal relationships. The students will be encouraged to explore the emerging health information and develop the ability to weigh the validity of such information for application to their existing health status.

FITNESS AND CONDITIONING FOR ATHLETES 4 and 5

Course Length: 1 Semester each Grade Level: 10-12

Credit per Semester: 1.0 (Physical Education)

Prerequisite: *Completed 1 semester of IBMYP PE. *Any Freshman who would like to enroll in this course must have prior approval from the Palmer Athletic Director**

This course is designed for the highly motivated athlete to increase athletic performance through ground based, multiple joint activities. Progressive overload and periodization principles are the basis of the weights and conditioning program, while focusing on explosive strength training exercises. All athletes will be taught and require to use safe and proper form for each lifting exercise. This class is open to varsity athletes and must have the recommendation of the varsity coach of each sport. Sport specific programs will be designed for the individuals and consideration will be taken for both in season appropriate maintenance training and out of season building and intensity. Fitness and Conditioning 4 runs in the fall semester and Fitness and Conditioning 5 runs in the spring semester.

IBMYP PHYSICAL EDUCATION

Course Length: 1 Semester Grade Level: 9-12

Credit per semester: 1.0 (Physical Education)

Prerequisite: None

Participation in P.E. results in the development of: 1) a variety of motor skills and abilities related to lifetime leisure skills; 2) improved understanding of the importance of maintaining a healthy lifestyle; 3) improved understanding and appreciation of movement and the human body; 4) improved knowledge of the rules and strategies of particular games and sports; and 5) improved self-confidence and self-worth as they relate to physical education and recreation activities.

LIFEGUARDING

Course Length: 1 Semester Grade Level: 10*-12

Credit per semester: 1.0 (*Physical Education or Elective*)

Prerequisite: *Must be 16 years of age and have completed a swimming section in a previous PE class.*

Lifesaving/CPR for the professional rescuer and first aid will be offered. At the end of the unit students will be certified to lifeguard. For further information see K-12 Physical Education Guide, pages 258 and 260.

PARTNERS IN PE

Course Length: 1 Semester Grade Level: 10-12

Credit per semester: 1.0 (*Physical Education or Elective*)

Prerequisite: *None*

This course is designed to pair regular education students with students with special needs in a traditional physical education class setting. During this class, you are expected to participate in all activities and connect with the students in the classroom. You may be asked to support in setup and cleanup of activities and can be an example for whatever physical activity/game the students with special needs are doing in the class. There will be sufficient adult supervision and support to take care of any of the needs of the students. You may also have the opportunity to go off campus field trips to participate in competitions, such as Unified Bowling with other schools in the district. This class is a wonderful opportunity to connect with students of all ability levels, build your resume, and earn a PE credit.

SCIENCE CLASSES

To fulfill D11 graduation requirements, students must complete 6 semesters of Sciences including 2 semesters of Biology and 2 semesters of a Physical Science.

The following courses meet the Physical Science requirement:

- *Earth, Space and Physical Science 1,2*
- *Any Chemistry course*
- *Any Physics course*
- *Geology 1,2*

OTHER NOTES REGARDING SCIENCE CLASSES

- 9th Graders: Enroll in MYP Biology or MYP Honors Biology
- 10th Graders: Enroll in MYP Physical, Earth and Space Science (PES) or Honors MYP Chemistry
- General Chemistry is for students that need extra academic support; this course is **NOT** for students that want an easier Chemistry class.
- Students may double up in science to satisfy elective graduation requirements.

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IB MYP BIOLOGY 1,2

NCAA

Course Length: 2 Semesters Grade Level: 9

Credit per Semester: 1.0 (*Biology or other Science*)

Prerequisite: *None*

GENERAL CHEMISTRY 1***NCAA***

Course Length: 2 Semester Grade Level: 10-12
Credit per Semester: 1.0 (Physical Science or other Science)
Prerequisite: Satisfactory completion of IBMYP Algebra 1,2

This is a qualitative, quantitative and analytical study of matter. Elements, compounds and their interactions are explored through laboratory investigations. Possible topics include chemical bonds, the mole concept, energy, states of matter, the Periodic Law, acids, bases, electrochemistry and organic chemistry. A chemistry class for students who have struggled with developing math skills.

IB CHEMISTRY SL 7,8***NCAA***

Course Length: 2 Semesters Grade Level: 11-12
Credit per Semester: 1.0 (Physical Science or other Science)
Prerequisite: A/B/C in IBMYP Chemistry 1,2 H

Chemistry is a science concerned with the study of the materials of our environment, their properties, and the way in which they react with each other. As there is no other way of "questioning" a physical or chemical system but that of performing experiments on it, chemistry is a discipline which rests firmly on the practical. The laboratory work will have a direct bearing upon the student's growing body of descriptive and theoretical chemistry. Through such an approach the student should gain factual knowledge drawn from the whole field of chemistry, and at the same time be able to correlate and unify this knowledge in terms of the most important underlying principles and concepts. Higher level chemistry is designed for the student who will pursue more advanced chemistry at the college or university level.

INTRODUCTION TO SCIENCE RESEARCH 1,2 (Honors credit available)

Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (Science)
Prerequisite: Concurrent enrollment or successful completion of Biology

In this first year of a three-course sequence, students (i) learn about the human endeavor of scientific research, (ii) experience the planning, performing, and communicating of original science and engineering research in any field that interests them, and (iii) present their research to a variety of settings, including but not limited to in-class, the Palmer Science Lecture Series, and a variety of science research competitions.

Additionally, students learn technology, time management, communication, and research skills that can be utilized in many facets of their lives. After acquiring a sufficient amount of background knowledge and successfully completing an introductory science investigation (all done as part of this course), students are then encouraged to work as a summer research assistant or intern at a local university or other lab facility. This *OPTIONAL* summer experience will be the springboard into the more advanced stages of the student's research which is completed the following school year.

INTERMEDIATE SCIENCE RESEARCH 1,2 (Honors credit available)

Course Length: 2 Semesters Grade Level: 10-12
Credit per Semester: 1.0 (Science)
Prerequisite: Introduction to Science Research

This is a continuation of Introduction to Science Research and will dig deeper into the goals, topics, and skills of the Intro class. In this second year of the program, students will continue to become a "local expert" in their chosen field of study. They will continue to develop their content knowledge through literature reviews, researching pertinent lab procedures, and contacting mentor scientists to provide guidance on their project. Students will then design an experiment (disconnected from the project completed in the Intro class, or a Phase II continuation of that project), based on the background information they have read and collected. As part of their research project, students will complete statistical analysis and interpretation of the results, give multiple presentations of their progress and findings to class and community, and enter their work into the Pikes Peak Regional Science and Engineering Fair. Intermediate students will also serve as peer mentors to beginning research students

enrolled in Introduction to Science Research.

Following this course, students are once again encouraged to find a summer research experience to serve as the basis of their Year 3 competition project.

FORENSIC SCIENCE 1

NCAA

Course Length: *1 Semester* Grade Level: *10–12*

Credit per Semester: *1.0 (Science)*

Prerequisite: *IBMYP ESPS or IBMYP Biology 1,2 recommended*

Students in this course will apply science skills and concept knowledge from biology, chemistry and physics to the latest techniques for analyzing clues and processing a crime scene. This includes DNA, fingerprinting, handwriting analysis, firearms evidence, bloodstain patterns, latent prints, making shoe print casts, tool mark comparisons, drug testing, and the properties of hair, fiber, and glass. The focus is on problem solving, designing experiments, testing, and making conclusions based on empirical evidence. Writing is an integral part of the course with students being expected to communicate laboratory reports, results, and conclusions, and analyze case studies. This class is intended to be enrichment to current biology, chemistry and physics courses.

GEOLOGY 1,2

NCAA

Course Length: *2 Semesters* Grade Level: *10-12*

Credit per Semester: *1.0 (Physical Science or other Science)*

Prerequisite: *None, IBMYP Earth, Space & Physical Science recommended*

This is the systematic study of the earth's history, through geologic time, rocks and minerals of the crust, mapping of the earth's surface, erosional and depositional process, and the earth's dynamic processes. Field studies, laboratory exercises, and activities provide a solid foundation for future studies in the natural sciences.

ENVIRONMENTAL SCIENCE 1,2 (Offered every other year – opposite of Oceanography)

NCAA

Course Length: *2 Semesters* Grade Level: *10-12*

Credit per Semester: *1.0 (Science)*

Prerequisite: *None*

Environmental Science is a systematic study of living systems with emphasis on interaction of the living systems with the natural environments. It teaches students to view the environment as an integral part of their lives and community. This is an issues-oriented environmental studies course that investigates and analyzes community problems and uses knowledge and processes of science to suggest options for the solutions of these problems.

OCEANOGRAPHY 1,2 (Offered every other year – opposite of Environmental Science)

Course Length: *2 Semesters* Grade Level: *10-12*

Credit per Semester: *1.0 (Science)*

Prerequisite: *None*

This course is a study of the oceans of the world. The biological, chemical, geological, and physical aspects of the oceans are presented in detail. Historical oceanology, environmental considerations, and career opportunities are presented as extension of importance and interest.

HUMAN ANATOMY AND PHYSIOLOGY 1,2 *NCAA*

Course Length: 2 Semesters Grade Level: 10-12

Credit per Semester: 1.0 (Science)

Prerequisite: **IBMYP Biology**

This course is a systematic study of the structure and functions of the human body. The curriculum covers the major organ systems of the human body as they relate to health and disease. Instruction uses laboratory activities including dissections to enable students to visualize basic anatomical structures comparable to those in humans. This course serves as initial preparation for study in physical education, health, and medical sciences.

HUMAN ANATOMY AND PHYSIOLOGY 1,2 HONORS *NCAA*

Course Length: 2 Semesters Grade Level: 10-12

Credit per Semester: 1.0 (Science)

Prerequisite: *Passed IBMYP Biology Honors or passed IBMYP Biology w/ instructor recommendation*

This course is an in-depth systematic study of the structure and functions of the human body. The curriculum covers the major organ systems of the human body as they relate to health and disease. Instruction uses laboratory activities including dissections to enable students to visualize basic anatomical structures comparable to those in humans. This course serves as initial preparation for study in physical education, health, and medical sciences. This honors course deals with the content and objectives in greater depth and complexity. Higher reasoning skills are needed, more out-of-class work is expected, and independent study skills are utilized. An independent project is required.

MEDICAL EXPLORATION 1

Course Length: 1 Semester Grade Level: 10–12

Credit per Semester: 1.0 (Science)

Prerequisite: *IBMYP Biology 1,2 recommended*

Students will be introduced to the terminology, pathology, and technology associated with body systems; and to skills and professional attitudes applicable to many different careers in health care, from entry level through professional level. Classroom content will emphasize the exploration of laboratory activities found in clinical settings. Students will complete a First Aid/CPR Certification.

HUMAN NUTRITION

Course Length: 1 Semester Grade Level: 10–12

Credit per Semester: 1.0 (Science)

Prerequisite: *IBMYP Biology 1,2 recommended*

Introduces basic principles of nutrition with emphasis on personal nutrition. This course focuses on macro and micro-nutrients and their effects on functions of the human body. Special emphasis is placed on the application of wellness, disease, and lifespan as it pertains to nutrition.

PHYSICS 1***NCAA***

Course Length: 1 Semester Grade Level: 11,12

Credit per Semester: 1.0 (Physical Science or other Science)

Prerequisite: *None*

Physics is the study of motion, forces, energy, light, sound, electricity, and magnetism. Students will be expected to demonstrate a command of science process skills. They will solve problems by observing demonstrations, conducting experiments, and applying math procedures and skills.

Physics has applications in many fields including athletics, engineering and technology, liberal arts, and medicine and health.

IB PHYSICS 5,6 STANDARD LEVEL *NCAA*

IB assessments (internal and external) are a requirement for this course.

Course Length: 2 Semesters Grade Level: 11,12

Credit per Semester: 1.0 (Physical Science or other Science)

Prerequisite: enrollment in an SL or HL Math class concurrently

This course is a study of general physics. The core syllabus gives a non-calculus presentation of the fundamental parts of physics, while the optional part requires calculus in several parts. The optional leads to a deeper understanding of the fundamental parts of physics, and/or discuss some of its technique-oriented applications. This class places an emphasis on historical development and social implications.

IB ENVIRONMENTAL SYSTEMS AND SOCIETIES 5,6 STANDARD LEVEL *NCAA*

IB assessments (internal and external) are a requirement for this course.

Course Length: 2 Semesters Grade Level: 11,12

Credit per Semester: 1.0 (Science)

Prerequisite: None

Through studying environmental systems and societies, students will be provided with a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face. Students are allowed to evaluate the scientific, ethical and socio-political aspects of issues.

IB SPORTS, EXERCISE, AND HEALTH SCIENCE 1,2,3,4 STANDARD LEVEL

NCAA

IB assessments (internal and external) are a requirement for this course.

Course Length: 4 Semesters Grade Level: 11,12

Credit per Semester: 1.0 (Science)

Prerequisite: Teacher recommendation; completion of IBMYP Biology 1,2 H or Anatomy/Physiology 1,2 recommended

Students explore the concepts, theories, models and techniques that underpin each subject area and through these develop their understanding of the scientific method. This collaborative and interdisciplinary class provides an opportunity for students to explore scientific solutions to global questions.

IB BIOLOGY 5,6,7,8 HIGHER LEVEL *NCAA*

IB assessments (internal and external) are a requirement for this course.

Course Length: 4 Semesters Grade Level: 11, 12

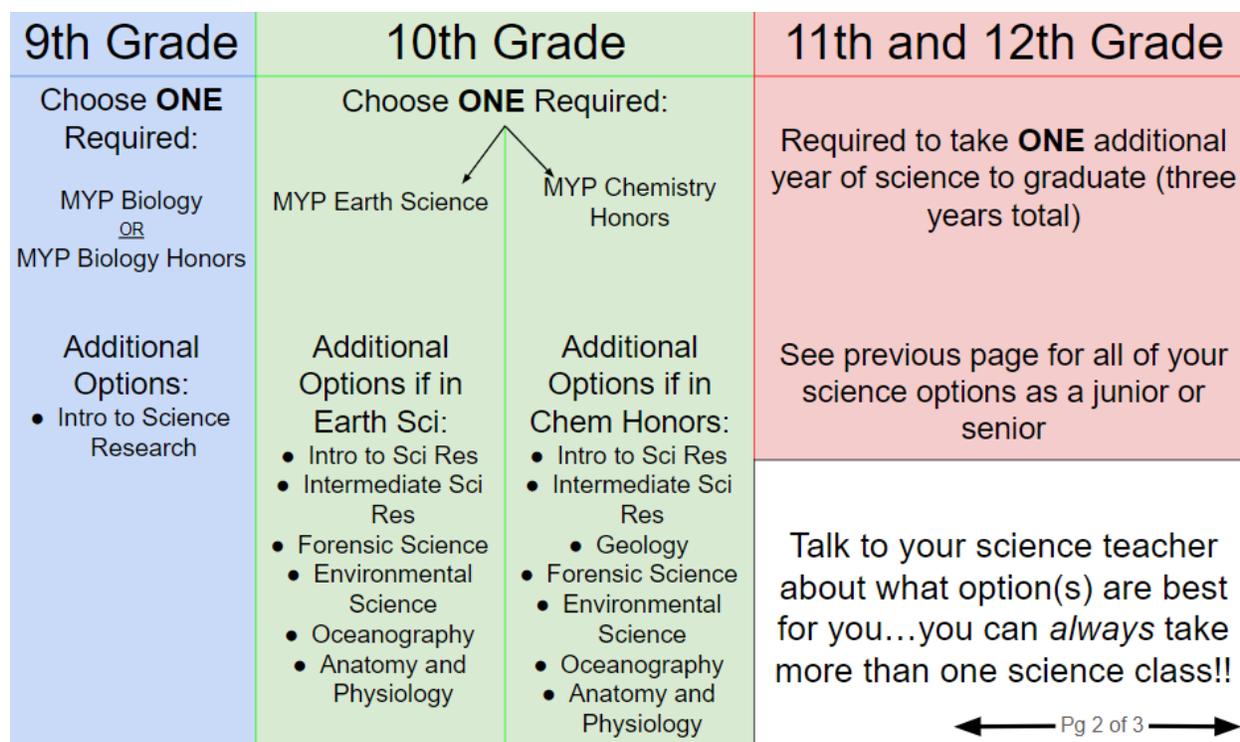
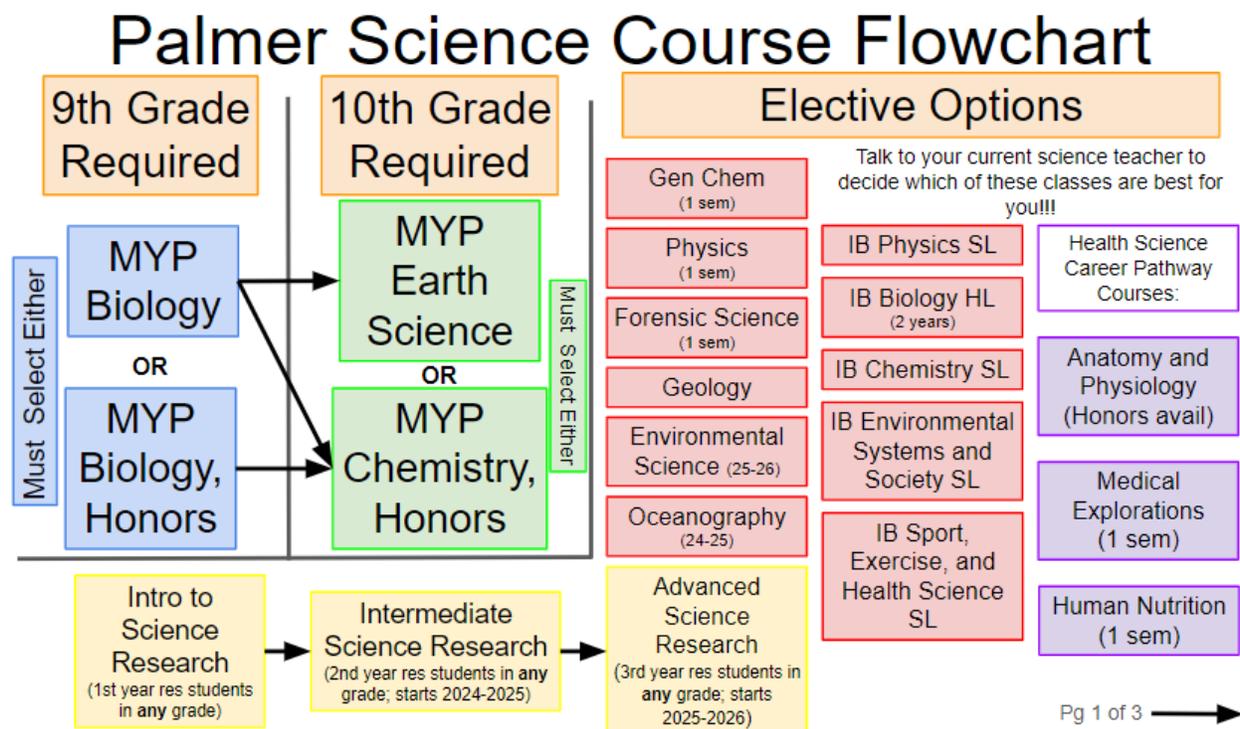
Credit per Semester: 1.0 (Biology or other Science)

Prerequisite: Biology 1,2 H or Biology 1,2

Biology is the study of living organisms, applying the techniques and approach of the experimental sciences. This study is undertaken at a variety of levels from the molecular to that of the biosphere, each with its own distinctive approaches and methods. The student will develop an appreciation of the interactions between these levels, and of organisms as functioning entities within the biosphere. The higher level biology includes compulsory core material which is intended to be supplemented.

COURSE PROGRESSION FOR SCIENCE COURSES

(see <https://sites.google.com/d11.org/palmer-science/academics?authuser=0> for more information.)



SOCIAL STUDIES

- *The 7 credits of Social Studies required for graduation include, specifically, a full year of U.S. History and a semester of U.S. Government. The remaining 3 credits of Social Studies may be fulfilled by any of the classes in the Social Studies department.*
- *The required semester of Economics is a “stand alone” graduation requirement and is not included in the 6 required credits of Social Studies.*

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IBMYP GEOGRAPHY AND WORLD HISTORY 1,2 *NCAA*

Course Length: 2 Semesters Grade Level: 9
Credits per Semester: 1.0 (Social Studies)
Prerequisite: None

The IB Diploma Programme geography course integrates physical, environmental, human geography, and ensures that students acquire elements of both socio-economic and scientific methodologies. Geography takes advantage of its position to examine relevant concepts and ideas from a wide variety of disciplines. This helps students develop life skills and have an appreciation of, and a respect for, alternative approaches, viewpoints, and ideas. Students will be prepared to take the IB SL exam in Geography at the conclusion of the course.

IBMYP WORLD HISTORY HONORS *NCAA*

Course Length: 1 Semester Grade Level: 9
Credit per Semester: 1.0 (Social Studies)
Prerequisite: Recommendation

A survey of major developments in the history of the world and the U.S. from 1450 to 1877. An appreciation of the national heritage of the United States and an understanding of how world events relate in an interdependent world will be stressed.

IB MYP UNITED STATES GOVERNMENT HONORS *NCAA*

Course Length: 1 Semester Grade Level: 9
Credit per Semester: 1.0 (Government)
Prerequisite: Recommendation

A survey of major developments in the history of the world and the U.S. from 1450 to 1877. An appreciation of the national heritage of the United States and an understanding of how world events relate in an interdependent world will be stressed.

IBMYP US HISTORY: RECONST - PRESENT 3,4 *NCAA*

Course Length: 2 Semesters Grade Level: 10
Credits per Semester: 1.0 (US History)
Prerequisite: None

This course focuses upon the period in United States history from reconstruction to the present. The program is designed to prepare students for the formal IB Program and to provide the students with their district American History requirement.

IBMYP US HISTORY: RECONST - PRESENT 3,4 H *NCAA*

Course Length: 2 Semesters Grade Level: 10
Credit per Semester: 1.0 (US History)
Prerequisite: Recommendation

AMERICAN WEST***NCAA***

Course Length: *1 Semester* Grade Level: *9-12*
Credits per Semester: *1.0 (Social Studies)*
Prerequisite: *None*

The American West traces the history of the trans-Mississippi region from its exploration by the Spanish and the French through the 1900s. Climate, geography, natural resources, land use, and the contributions of various groups entering and living in the area will be studied.

AMERICAN POPULAR CULTURE***NCAA***

Course Length: *1 Semester* Grade Level: *9-12*
Credits per Semester: *1.0 (Social Studies)*
Prerequisite: *None*

Using music and film as mirrors of American popular culture, this course will trace the growth of music such as the blues, jazz, rock n' roll, country, and hip-hop, as well as different genres of popular film. It will explore the appeals and sometimes the ideals behind our popular culture and how this is a reflection upon American society in general.

CONSTITUTIONAL AND CRIMINAL LAW***NCAA***

Course Length: *1 Semester* Grade Level: *9-12*
Credits per Semester: *1.0 (Social Studies)*
Prerequisite: *None*

This course is designed to explore the constitutional foundations and structure of the federal and state legal systems. Key concepts include the first ten amendments and individual rights, law enforcement, judicial systems, civil and criminal law, and balancing rights with responsibilities.

STUDY OF MULTICULTURAL AMERICA***NCAA***

Course Length: *1 Semester* Grade Level: *9-12*
Credits per Semester: *1.0 (Social Studies)*
Prerequisite: *None*

From the beginning, America was both multiracial and multicultural. This course is designed as an opportunity for every student to see themselves in the historical narrative of America. Students will investigate, interpret, and analyze historical evidence to gain a better understanding of a nation peopled by the world. Students will be challenged to recover the missing chapters of American history; the stories of separate and shared experiences of multiple minority groups. This course is an opportunity for academic growth and a deeper and more diverse education to equip students with the knowledge and skills to be productive members of a country where everyone will be minorities.

PERSONAL FINANCIAL LITERACY

Course Length: *1 Semester* Grade Level: *9-12*
Credit Per Semester: *1.0 (Social Studies or Postsecondary Workforce Readiness)*
Prerequisite: *Recommend completion of Economics*

This course develops understanding and skills in money management, budgeting, financial goal attainment, use of credit, insurance, investments, and consumer rights and responsibilities. It shows students how to become financially responsible, conscientious members of society. This is a Project based learning class.

SOCIOLOGY***NCAA***

Course Length: 1 Semester Grade Level: 10-12
Credits per Semester: 1.0 (Social Studies)
Prerequisite: None

Sociology is the study of group behavior, society, and the social order. This course includes an examination of the differences in societal behavior, social class systems, minority groups, poverty, prejudices, and current social movements.

IB PSYCHOLOGY 1,2 STANDARD LEVEL***NCAA***

IB assessments (internal and external) are a requirement for this course.

Course Length: 2 Semesters Grade Level: 11,12
Credit per Semester: 1.0 (Social Studies)
Prerequisite: None

The IB Standard Level psychology course aims to develop an awareness of how research findings can be applied to better understand human behavior and how ethical practices are upheld in psychological inquiry. Students learn to understand the biological, cognitive and sociocultural influences on human behavior and explore alternative explanations of behavior. They also understand and use diverse methods of psychological inquiry.

IB PSYCHOLOGY 5,6,7,8 HIGHER LEVEL***NCAA***

IB assessments (internal and external) are a requirement for this course.

Course Length: 4 Semesters Grade Level: 11,12
Credit per Semester: 1.0 (Social Studies)
Prerequisite: Recommendation

This course includes an in-depth study of individual human behavior and mental processes. In two years of study, students will examine the historical development of psychology, the different theoretical approaches to understanding behavior, the effects of perception of human behavior, effects of biological influences on behavior, and methods of scientific psychological inquiry. Students will also explore one optional topic.

IB 20th CENTURY WORLD HISTORY 5,6 STANDARD LEVEL *NCAA*

IB assessments (internal and external) are a requirement for this course.

Course Length: 2 Semesters Grade Level: 11,12
Credit per Semester: 1.0 (Social Studies)
Prerequisite: Recommendation

Twentieth Century World History is a study of selected World History topics chosen to prepare the student for the Standard Level Examination in history at the end of one year of study. Emphasis is placed on the causes, practices and effects of war; the rise and rule of single party states; and the establishment and work of international organizations.

Additional topics include economic developments and social change in the twentieth century. Students are required to demonstrate critical writing skills, the ability to work with historical documents and knowledge of historiography for the examination.

IB 20TH CENTURY WORLD HISTORY 5,6 HIGHER LEVEL *NCAA*
IB assessments (internal and external) are a requirement for this course.
 Course Length: 2 Semesters Grade Level: 11
 Credit per Semester: 1.0 (Social Studies)
 Prerequisite: Recommendation

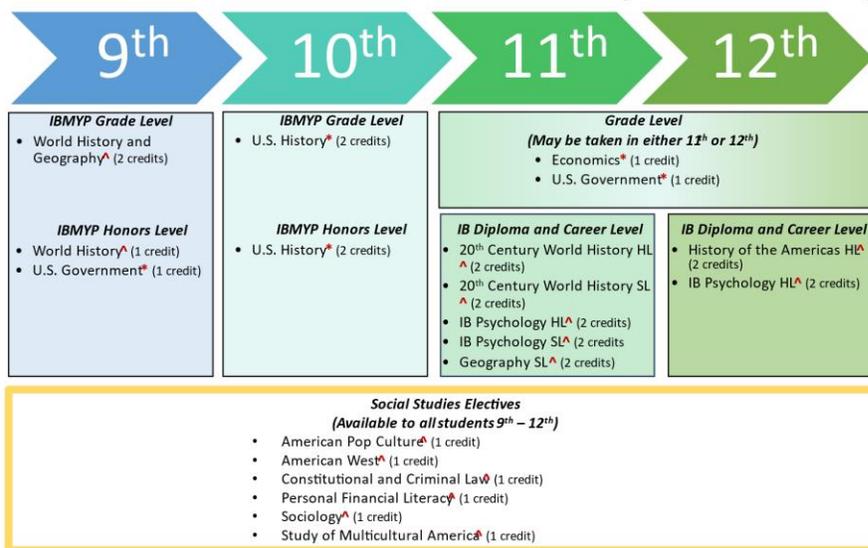
Twentieth Century World History is a study of selected World History topics chosen to prepare the student for the Higher Level Examination in history at the end of two years of study. Students are expected to continue the course of study with IB History of the Americas in the senior year. Emphasis is placed on the causes, practices and effects of war; the rise and rule of single party states; and East/West relations after 1945. Additional topics include economic developments and social change in the twentieth century. Students are required to demonstrate critical writing skills, the ability to work with historical documents and knowledge of historiography.

IB HISTORY OF THE AMERICAS 7,8 HIGHER LEVEL *NCAA*
IB assessments (internal and external) are a requirement for this course.
 Course Length: 2 Semesters Grade Level: 12
 Credit per Semester: 1.0 (US History or Social Studies)
 Prerequisite: IB 20th Century World HL

History of the Americas is a study of selected history topics chosen to prepare the student for the Higher Level Examination in history. The course is a continuation of the program begun in the junior year with Twentieth Century World History. Students will study United States history, Canadian history, and Latin American history since 1865. Emphasis is placed on economic problems and solutions, political developments, social trends, and foreign relations. Students are required to demonstrate critical writing skills, the ability to work with historical documents and knowledge of historiography for the examination.

COURSE PROGRESSION FOR SOCIAL STUDIES COURSES

SOCIAL STUDIES FLOW CHART (2024 – 2025)



Courses taught by social studies teachers - NOT eligible for Social Studies Credit:
 AVID; Personal and Professional Skills; Theory of Knowledge; Yearbook

Graduation Requirements
 7 Social Studies Credits Total

- 2 Semesters – U.S. History^{*}
- 1 Semester – U.S. Government^{*}
- 1 Semester – Economics^{*}
- 3 Semesters – Social Studies Electives[^]

IB Diploma Program
 6 Courses + DP Core
 (1 from each academic area: Language and Literature A; Language B; Individuals and Societies; Sciences; Mathematics; Art/Other Elective)

3 HLs – Higher Levels
 3 SLs – Standard Levels
 DP Core – Theory of Knowledge; Extended Essay; Creativity, Action, Service

IB Career Program
 2 Courses + CP Core
 2 DP – 2 DP courses in any subject area
 CP Core – Personal and Professional Skills; Service Learning; Reflective Project; Language Development
 Career Strand – CTE-approved preparatory courses

VOCATIONAL EDUCATION

District 11 Alternative Cooperative Education (ACE) programs are designed to provide job entry-level skills in various business, marketing, industrial, technical, and consumer and family studies occupations. Students who fulfill all of the program requirements will be eligible for vocational certification at graduation.

Enrollment in ACE classes is targeted for special population students. This is defined by the state of Colorado as individuals with a disability; from economically disadvantaged families; preparing for non-traditional fields; single parents including single pregnant women; out-of-workforce individuals; English learners; homeless individuals; youth who are in, or have aged out of the foster care system; and youth with a parent who is either a member of the armed forces or is on active duty.

The ACE program is for 11th and 12th graders only.

ACE CAREER DEVELOPMENT 1 and 2

Course Length: *1 Semester each* Grade Level: *11-12*

Credits per Semester: *1.0 (Postsecondary Workforce Readiness)*

Prerequisite: *Special population students*

ACE Career Development 1,2 is best taken as a year-long class that is designed to enhance employment related skills for secondary students. ACE Career Development 1 explores student vocational interests and education goals. It also teaches the necessary job skills to *get a job* such as phone skills, applications, resumes, cover letters, interviewing and various other units. ACE Career Development 2 covers paychecks, taxes, social security, employment goals, and various other items. It also teaches the necessary job skills to *keep a job*. Students are encouraged to obtain a job and provide their own transportation to and from their job.

ACE CAREER DEVELOPMENT WORK 1 and 2

Course Length: *1 Semester each* Grade Level: *11-12*

Credits per Semester: *1.0 – 2.0 depending upon hours worked (Elective)*

Prerequisite: *Special population students*

These courses are taken concurrently with ACE Career Development 1,2 as an after-school section. Students can earn a maximum of 2 elective credits per semester for 270 documented hours of work, or 1 elective credit per semester for 135 hours of documented work. Job evaluations are done on a quarterly basis regarding the student's progress with their employer. Documented volunteer and or internship hours can be counted toward work credit.

ACE FINANCIAL LITERACY

Course Length: *1 Semester (Fall)* Grade Level: *11-12*

Credits per Semester: *1.0 (Postsecondary Workforce Readiness or Economics)*

Prerequisite: *Special population students*

ACE Financial Literacy is a 1 semester class designed to enhance *consumer related skills for the job* and for *living on your own*. It is normally taken in the fall and paired with ACE Career Development 3 in the Spring. This course covers budgeting, credit, insurance, investments, buying a car, renting an apartment and various other units. Students are encouraged to have a job and provide their own transportation to and from their job.

ACE CAREER DEVELOPMENT 3

Course Length: *1 Semester (Spring)* Grade Level: *11-12*
Credits per Semester: *1.0 (Postsecondary Workforce Readiness)*
Prerequisite: *Special population students*

ACE Career Development 3 is a 1 semester class designed to enhance employment related skills for secondary students. It is normally taken in the Spring after students complete ACE Financial Literacy in the Fall. This course covers entrepreneurship, time management, ethics, teamwork, relationships at work and various other units. Students are encouraged to have a job and provide their own transportation to and from their job.

ACE CAREER DEVELOPMENT WORK 3 and 4

Course Length: *1 Semester each* Grade Level: *11-12*
Credits per Semester: *1.0 – 2.0 depending upon hours worked (Elective)*
Prerequisite: *Special population students*

These courses are taken concurrently with ACE Financial Literacy and ACE Career Development 3 as an after-school section. Students can earn a maximum of 2 elective credits per semester for 270 documented hours of work, or 1 elective credit per semester for 135 hours of documented work. Job evaluations are done on a quarterly basis regarding the student's progress with their employer. Documented volunteer and or internship hours can be counted toward work credit.

MISCELLANEOUS COURSES

AVID 91, 92, 101, 102, 111, 112, 121, 122

Course Length: *2 Semesters* Grade Level: *9-12*
Credit Per Semester: *1.0 (PWR or Elective)*
Pre-requisite: *Required grade point average*

AVID is an academic elective class that students commit to for 3-4 years. Students must have a 2.0-3.5 G.P.A. to be eligible to apply for application into the program. AVID is a researched-based program that provides curriculum support for all academic areas using the high school AVID libraries. Students must be capable of completing a college preparatory path including some honors and AP classes. The AVID class will focus on pedagogy in writing, inquiry and collaboration. Reading strategies are taught to help students improve both reading and writing skills that will improve learning around state and district standards. The WICR process (writing, inquiry, collaboration, and reading) is continued and required.

CABINET 1, 2

Course Length: *2 Semesters* Grade Level: *12*
Credit per Semester: *1.0 (Elective credit)*
Prerequisite: *Student election*

Cabinet provides the students with an opportunity to serve the student body, accept responsibility, and to participate in the management of various student activities. Members of cabinet must be juniors when they are elected so that they will be in office their senior year.

COUNCIL 1, 2

Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (*Elective credit*)
Prerequisite: *None*

All legislative powers exercised by the Student Organization are vested in the student council, which consists of representatives elected from each class.

IB CP PERSONAL AND PROFESSIONAL SKILLS 1,2,3,4 SL

Course Length: 4 Semesters Grade Level: 11-12
Credit per Semester: 1.0 (*Elective credit*)
Prerequisite: *Diploma Programme*

The personal and professional skills course aims to develop responsibility, practical problem-solving, good intellectual habits, ethical understandings, perseverance, resilience, an appreciation of identity and perspective, and an understanding of the complexity of the modern world. Emphasis is on the development of skills needed to successfully navigate higher education, the workplace and society. With that in mind the PPS will be very practical in nature.

IB THEORY OF KNOWLEDGE 1,2,3,4 HL

Course Length: 4 Semesters Grade Level: 11-12
Credit per Semester: 1.0 (*Elective credit*)
Prerequisite: *Diploma Programme*

This course is obligatory for every candidate for the Diploma because it is a key element in the educational philosophy of the IB. Its purpose is to stimulate critical reflection upon knowledge and the experience of students both in and outside the classroom. The course is thus philosophical in the sense that it is meant to encourage students to acquire a critical awareness of what they and others know through analyzing concepts and arguments as well as the basis of value judgments.

FORENSICS 1,2

Course Length: 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (*Elective credit*)
Prerequisite: *None*

Forensics offers the opportunity to develop competitive speech skills in the areas of debate, oral interpretation, extemporaneous speaking, original oratory, and duet acting. Students may attend tournaments or may participate in community speaking projects to develop poise and self-confidence in the academic skills of public speaking.

PEER COUNSELOR

Course Length: 1 or 2 Semesters Grade Level: 9-12
Credit per Semester: 1.0 (*2.0 Maximum*) (*Elective credit*)
Prerequisite: *Department chairman/teacher recommendation*

Peer counselors are students who have been specially trained in de-escalation, restorative practices, and social theory. They are desirous of reaching out and helping their peers. After completing the coursework, they are eligible to apply and undergo a rigorous screening and interview process before being selected to serve on the Restorative Council the following semester. Students are recommended by counselors, teachers, and fellow students or they can apply on their own. The most essential criterion for being selected is a caring attitude and interest in creating a safe, positive, engaged student community. The goal is to provide outreach and support to fellow students in a restorative model.

STUDENT TUTOR

Course Length: *1 or 2 Semesters* Grade Level: *9-12*
Credit per Semester: *1.0 (2.0 Maximum) (Elective credit)*
Prerequisite: *Department chairman/teacher recommendation*

The student must have a willingness for tutoring just as he/she would for any other class and have a teacher or department recommendation. This course is designed for the student who wishes responsibility, a chance to build self-confidence, contact with other people and reinforcement of past learning experiences. The student-tutor will work with one student or a small group of students in a specific course. One elective credit per semester will be given. The tutor will work five days a week for 50 to 60 minutes each day.

TERROR TRCSS 1,2

Course Length: *2 Semesters* Grade Level: *9*
Credit per Semester: *1.0 (Elective credit)*
Prerequisite: *None*

An academic elective that prepares students for success as lifelong learners. Through the Approaches to Learning framework, students will study and reflect on different aspects of their academic, social and personal lives in order to create understanding and habits that will establish a structure for a balanced and healthy life. IB Approaches to Learning courses introduce students to life skills to enable them to engage critically with others.

YEARBOOK 1, 2, 3, 4, 5, 6, 7, 8

These courses do not qualify for NCAA initial-eligibility certification.
Course Length: *Up to 8 Semesters* Gr. Level: *10-12*
Credit per Semester: *1.0 (Humanities or Elective)*
Prerequisite: *Teacher recommendation*

The yearbook staff produces the school yearbook which entails planning pages, drawing layouts, gathering information, writing copy, and composing pages for the sections of the book with the guidance of the instructor. Ordering, cropping, placing photographs, and selling ads are the duties of editors and staff. Experienced dependable photographers are needed. Applicants for the editorial staff should be able to write effectively, to do neat work, and to meet deadlines. Interested students must get an application from instructor.

WBL EXPERIENCE AND INTERNSHIP 1 and 2

Course Length: *2 Semesters* Grade Level: *10-12*
Credit per Semester: *1.0 (Humanities or Elective)*
Prerequisite: *Application Required*

Work Based Learning is essential to conceptualize, comprehend and apply employability skills. The opportunity for students to participate in industry field trips, industry events, job shadowing, internships, mentoring and other activities assures students 21st century real-world skills. 45+ hours of industry documented evidence with summaries is required per semester.

CTE and non-CTE options available.