

Art Department

Course #	Course Name	Course Description
ART101	Intro 2D Art & 3D Art S1	PREREQUISITE: NONE This course is an introductory foundational level study of all visual art standards and requires no previous art experience. Students use a variety of media, techniques and processes to explore the Elements of Art and solve visual arts and creative problems. Students will engage in the creative process through planning, applying, and evaluating. This course is recommended for students considering careers requiring artistic skill. Satisfactory completion of this course is a prerequisite for all advanced art courses.
ART102	Intro 2D Art & 3D Art S2	PREREQUISITE: ART101 This course is an introductory foundational level study of all visual art standards and requires no previous art experience. Students use a variety of media, techniques and processes to explore Elements of Art and Principles of Design, and solve visual arts and creative problems. Students will engage in the creative process through planning, applying, evaluating, and connecting art to wider contexts. This course is recommended for students considering careers requiring artistic skill. Satisfactory completion of this course is a prerequisite for all advanced art courses.
ART201	Drawing and Painting II S1	PREREQUISITE: ART102 This course is a further exploration of Elements of Art and Principles of Design through the drawing and painting media such as acrylic, watercolor, oil pastels, and charcoal. Students will engage in the creative process through planning, applying, evaluating, and connecting art to wider contexts. This course is recommended for students considering careers requiring artistic skill. Satisfactory completion of ART101/ART102 is a prerequisite for this and all advanced course work. Art teacher may recommend waive of prerequisite when student portfolio demonstrates readiness for advanced course work.
ART202	Drawing and Painting II S2	PREREQUISITE: ART201 This course is a further exploration of Elements of Art and Principle of Design through the drawing and painting media such as acrylic, watercolor, oil pastels and charcoal. Students will engage in the creative process through planning, applying, evaluating, and connecting art to wider concepts. This course is recommended for students considering careers requiring artistic skill. Satisfactory completion of ART101/ART102 is a prerequisite for this and all advanced course work. Art teacher may recommend waive of prerequisite when student portfolio demonstrates readiness for advanced coursework.

ART211	3D Design II S1	<p>PREREQUISITE: ART102 This course is a further exploration of the Elements of Art and Principles of Design through three-dimensional sculptural media such as clay, wood, metals, fiber, paper, tile, glass, plaster, and mixed media. Students will engage in the creative process through planning, applying, and evaluating. This course is recommended for students considering careers requiring artistic skill. Satisfactory completion of ART101/ART102 is a prerequisite for this and all advanced course work. Art teacher may waive prerequisite when student portfolio demonstrates readiness for advanced coursework.</p>
ART212	3D Design II S2	<p>PREREQUISITE: ART211 This course is a further exploration of the Elements of Art and Principles of Design through three-dimensional sculptural media such as clay, wood, metals, fiber, paper, tile, glass, plaster, and mixed media. Students will engage in the creative process through planning, applying, and evaluating. This course is recommended for students considering careers requiring artistic skill. Satisfactory completion of ART101/ART102 is a prerequisite for this and all advanced course work. Art teacher may waive prerequisite when student portfolio demonstrates readiness for advanced coursework.</p>
ART301	Drawing and Painting III S1	<p>PREREQUISITE: ART202 This course is an advanced study of the Elements of Art and Principles of Design through the drawing and painting media. Students will engage in the creative process through planning, applying, evaluating, and connecting art to wider contexts. This course is recommended for students considering careers in architecture, art education, art history, graphic design, illustration, interior design, or studio art.</p>
ART302	Drawing and Painting III S2	<p>PREREQUISITE: ART301 This course is an advanced study of the Elements of Art and Principles of Design through the drawing and painting media. Students will engage in the creative process through planning, applying, evaluating, and connecting art to wider concepts. This course is recommended for students considering careers in architecture, art education, art history, graphic design, illustration, interior design, or studio art.</p>
ART311	3D Design III S1	<p>PREREQUISITE: ART212 This advanced course is a deeper exploration of the Elements of Art and Principles of Design through three-dimensional sculptural media such as clay, wood, metals, fiber, paper, tile, glass, plaster, and mixed media. Students will engage in the creative process through planning, applying, evaluating, and connecting work to wider contexts. This course is recommended for students considering careers in architecture, art education, art history, ceramics, fashion design, interior architecture, interior design, landscape design, or studio art.</p>

ART312	3D Design III S2	PREREQUISITE: ART311 This advanced course is a deeper exploration of the Elements of Art and Principles of Design through three-dimensional sculptural media such as clay, wood, metals, fiber, paper, tile, glass, plaster, and mixed media. Students will engage in the creative process through planning, applying, evaluating, and connecting work to wider contexts. This course is recommended for students considering careers in architecture, art education, art history, ceramics, fashion design, interior architecture, interior design, landscape design, or studio art.
ART401	Drawing and Painting IV S1	PREREQUISITE: ART302 This advanced studio course is a study of personal expression using the Elements and Principles through the drawing and painting media. Students will engage in the creative process through planning, applying, evaluating, connecting and presenting art concepts. This course is recommended for students considering careers in architecture, art education, art history, graphic design, illustration, interior design, or studio art.
ART402	Drawing and Painting IV S2	PREREQUISITE: ART401 This advanced studio course is a study of personal expression using the Elements and Principles through the drawing and painting media. Students will engage in the creative process through planning, applying, evaluating, connecting, and presenting art concepts. This course is recommended for students considering careers in architecture, art education, art history, graphic design, illustration, interior design, or studio art.
ART403	Honors 2D Art S1	PREREQUISITE: ART102 This advanced level course emphasizes making art as an ongoing process that involves the students in critical decision making; helps students develop technical skills and familiarizes them with the functions of the visual elements. The course encourages systematic, creative, investigation of formal and conceptual issues.
ART404	Honors 2D Art S2	PREREQUISITE: ART403 This advanced level course emphasizes making art as an ongoing process that involves the students in critical decision making; helps students develop technical skills and familiarizes them with the functions of the visual elements. The course encourages systematic, creative, investigation of formal and conceptual issues.
ART411	3D Design IV S1	PREREQUISITE: ART312 This advanced course is a deeper exploration of personal expression with the Elements of Art and Principles of Design through three-dimensional sculptural media such as clay, wood, metals, fiber, paper, tile, glass, plaster, and mixed media. Students will engage in the creative process through planning, applying, evaluating, presenting, and connecting work to wider contexts. This course is recommended for students considering careers in architecture, art

		education, art history, ceramics, fashion design, interior architecture, interior design, landscape design, or studio art.
ART412	3D Design IV S2	PREREQUISITE: ART411 This advanced course is a deeper exploration of personal expression with the Elements of Art and Principles of Design through three-dimensional sculptural media such as clay, wood, metals, fiber, paper, tile, glass, plaster, and mixed media. Students will engage in the creative process through planning, applying, evaluating, presenting, and connecting work to wider contexts. This course is recommended for students considering careers in architecture, art education, art history, ceramics, fashion design, interior architecture, interior design, landscape design, or studio art.
ART501	*AP Art: 2D Studio S1	PREREQUISITE: ART102 This weighted, advanced level course emphasizes making art as an ongoing process that involves the students in critical decision making; helps students develop technical skills and familiarizes them with the functions of the visual elements. The course encourages systematic, creative, investigation of formal and conceptual issues. Completion of the AP exam is an expectation for all AP courses.
ART502	*AP Art: 2D Studio S2	PREREQUISITE: ART501 This weighted, advanced level course emphasizes making art as an ongoing process that involves the students in critical decision making; helps students develop technical skills and familiarizes them with the functions of the visual elements. The course encourages systematic, creative, investigation of formal and conceptual issues. Completion of the AP exam is an expectation for all AP courses.

Business Department

Course #	Course Name	Course Description
BUS103	Intro to Business	PREREQUISITE: NONE Introduction to Business offers students the opportunity to examine a variety of careers in the business and marketing area. The course will include some activities designed to help students assess their interests, aptitudes, and abilities and match them with the requirements of various occupations. Activities such as resume writing, interviewing, problem solving, and working with groups will be included to help students develop skills to obtain and keep a job.
BUS105	General Business	PREREQUISITE: NONE General Business is designed to enhance students' understandings of the role businesses play in our present-day economic system. Topics include: banking, careers, insurance, personal investment, consumerism, credit and marketing.

BUS111	Computer Applications 1	PREREQUISITE: BUS109 or 25 WPM and Instructor Approval Computer Applications 1 is designed to introduce students to word processing, database, presentation, and spreadsheet functions. Students will complete individual projects in each area. This course will help students to develop skills needed for both professional and personal use.
BUS321	Business Law	PREREQUISITE: NONE The main objective of this course is to help students understand the basic legal principles relevant to everyone's personal and professional life. Topics include the law relating to youth rights and responsibilities, drugs, contracts, property, credit, insurance, investments, auto negotiable instruments, and ailments. Emphasis will be placed on helping students recognize those situations that occur in life that require assistance from legal professionals.
BUS325	International Business	PREREQUISITE: NONE International Business will present students with a better understanding of today's global economy. It will raise the student's awareness of how political policies and economic practices may impact other countries. Students will learn to use appropriate communication skills and strategies to improve international business relations. They will gain an understanding of how the global business environment is connected through politics, cultures, legal systems, economies and through ethics. Lastly students will learn the basic concepts of international finance, management practices, marketing, trade relations, basic forms of business ownership and business opportunities internationally.
BUS333	Computer Applications 2	PREREQUISITE: BUS111 Computer Applications 2 includes modern information processing techniques with a heavy emphasis on the use of electronic databases and spreadsheets. The course also stresses the importance of human relations and communication skills necessary for job success, the development of marketable skills using the most current procedures and technologies, and application of time management and decision-making skills. If you would like to earn DMACC concurrent college credit, enroll in BUS531.
BUS523	*College Pers Finance Mgmt	PREREQUISITE: NONE Students will study the management of personal, family and business finances, including budgeting, consumer buying, personal credit, savings and investing, home ownership, insurance, and retirement. This course will help prepare all students for their financial challenges now and in the future. This course offers DMACC concurrent enrollment credit.

BUS523	*College Pers Finance Mgmt	PREREQUISITE: NONE Students will study the management of personal, family and business finances, including budgeting, consumer buying, personal credit, savings and investing, home ownership, insurance, and retirement. This course will help prepare all students for their financial challenges now and in the future. This course offers DMACC concurrent enrollment credit.
BUS525	*College PowerPt & Multimedia	PREREQUISITE: BUS111 The use of PowerPoint presentation software and the Internet are used during this course. Students will learn how to create electronic presentations using a variety of software, basic web pages, computer animation, and effectively search for information using the Internet. Students will also use computer peripherals such as the scanner, digital camera, and computer projection devices. This course offers DMACC concurrent enrollment credit.
BUS527	*College Desktop Publishing	PREREQUISITE: BUS111 This course stresses the in-house preparation of documents, brochures, leaflets, and newspapers. Current procedures and technologies will be used while stressing the importance of communication skills. Individual and group projects will be completed for inclusion in their personal employment portfolios. This course offers DMACC concurrent enrollment credit.
BUS529	*College Marketing / Sales	PREREQUISITE: NONE The emphasis of this course will be on selling techniques and human relations skills needed by salespeople. All aspects of the selling process, from preparation to closing and follow-up, will be examined and practiced. Selling as a career will be investigated, and job-seeking skills will be developed. This course offers DMACC concurrent enrollment credit.
BUS529	*College Marketing / Sales	PREREQUISITE: NONE The emphasis of this course will be on selling techniques and human relations skills needed by salespeople. All aspects of the selling process, from preparation to closing and follow-up, will be examined and practiced. Selling as a career will be investigated, and job-seeking skills will be developed. This course offers DMACC concurrent enrollment credit.
BUS530	*College Marketing / Entpr	PREREQUISITE: NONE The steps necessary when starting and managing a business will be covered in this course. The relationship of information-gathering and decision-making in business organization and management is emphasized. Personal traits and characteristics of entrepreneurs and managers will be investigated. The nature of risk and the role it and management play in our economy will be studied. Management styles and philosophies will be discussed using guest entrepreneurs. This course offers DMACC concurrent enrollment credit.

BUS531	*College Computer App 2	PREREQUISITE: BUS111 Computer Applications 2 includes modern information processing techniques with a heavy emphasis on the use of electronic databases and spreadsheets. The course also stresses the importance of human relations and communication skills necessary for job success, the development of marketable skills using the most current procedures and technologies, and application of time management and decision-making skills. This course offers DMACC concurrent enrollment credit.
BUS533	*College Accounting S1	PREREQUISITE: NONE An understanding of the purpose of the accounting function will be developed during Accounting 1. This course will also assist students in the development of a vocabulary and in the acquisition of the skills and general information necessary to perform the accounting function. This course offers DMACC concurrent enrollment credit after BUS534 is completed.
BUS534	*College Accounting S2	PREREQUISITE: BUS533 an understanding of the purpose of the accounting function will be developed during Accounting I. This course will also assist students in the development of a vocabulary and in the acquisition of the skills and general information necessary to perform the accounting function. This course offers DMACC concurrent enrollment credit after BUS534 is completed.

Family and Consumer Science Department

Course #	Course Name	Course Description
FCS101	Personal Health & Development	PREREQUISITE: NONE Personal Development & Health is a course designed to provide students with information about how to develop a healthy lifestyle. The topics included are self-concept, nutrition, exercise, substance usage and sexuality. Students will apply the decision-making process to health choices and examine the interrelation between physical, emotional, mental and social health.
FCS103	Parenting: Conception Toddler	PREREQUISITE: NONE Previously named: Child Development This course will include sexual health, conception, pregnancy and birth. Students will examine the decisions and responsibilities that go into planning a pregnancy. Students will develop skills in the care and guidance of children from birth through toddler. Students will participate in many activities designed to simulate the physical, social, emotional, and intellectual development of children.
FCS107	Nutrition & Food Prep 1	PREREQUISITE: NONE in Nutrition and Food Prep I, students will apply nutrition principles to personal diet planning; develop skills in the selection, care and preparation of a variety of food. Labs are designed to help students learn safe food preparation techniques.

FCS109	Nutrition & Food Prep 2	PREREQUISITE: FCS107 In Nutrition and Food Prep II, students will develop skills in meal management to meet individual and family food needs and understand principles of economics and ecology for cost savings.
FCS113	Sewing Technology 1	PREREQUISITE: NONE Sewing Technology I teach sewing basics to construct clothing and textile products using appropriate equipment and techniques. Students may choose to purchase materials, patterns and notions throughout the semester for individual projects.
FCS201	Health Relationships	PREREQUISITE: NONE The Relationships course prepares students for a mature adult role as a single person or a marriage partner through the study of human development and relationships. The coordination of personal, marriage, family and career goals will be explored as well as resources for adjusting to change and crisis. Students will analyze skills needed to establish positive relationships with others.
FCS203	Parenting Preschool Adolescent	PREREQUISITE: NONE Students will develop skills in the care and guidance of children from preschool to adolescent. Students will examine various type of parenting styles and determine which styles are most effective. Students will participate in many activities designed to simulate the physical, social, emotional, and intellectual development of preschool children and teens.
FCS205	Sewing Technology 2	PREREQUISITE: FCS113 In Sewing Technology II, students will experiment with more advanced sewing techniques. Students will select individual projects based upon their skill level and interest. Students may choose to purchase and bring materials, patterns and notions throughout the semester for individual projects.
FCS213	Fashion Runway	PREREQUISITE: NONE Students in Fashion Careers will explore fashion careers by doing projects like those done in the fashion industry, careers included are fashion designer, marketing, fashion magazine writing. Textile science, fashion promotion and planning a fashion show are also part of this course.
FCS301	Adult Living Skills	PREREQUISITE: NONE Adult Living Skills students will prepare for independent living after high school by studying the relationships of job/career/education plans to lifestyle. They will develop basic skills in food preparation, clothing and housing care, and resource management.
FCS305	Advanced Sewing Technology 3	PREREQUISITE: FCS205 In Advanced Sewing Technology III, students will continue to advance their skills in the selection, purchase, construction and alternation of clothing and textiles. Students will need to purchase and bring materials, patterns and notions throughout the semester for individual projects.

FCS405	Advanced Sewing Technology 4	PREREQUISITE: FCS305 In Advanced Sewing Technology IV, students will continue to advance their skills in the selection, purchase, construction and alternation of clothing and textiles. Students will need to purchase and bring materials, patterns and notions throughout the semester for individual projects.
FCS406	Advanced Sewing Technology 5	PREREQUISITE: FCS405 In Advanced Sewing Technology V, students will continue to advance their skills in the selection, purchase, construction and alternation of clothing and textiles. Students will need to purchase and bring materials, patterns and notions throughout the semester for individual projects.
FCS407	Advanced Sewing Technology 6	PREREQUISITE: FCS406 In Advanced Sewing Technology VI, students will continue to advance their skills in the selection, purchase, construction and alternation of clothing and textiles. Students will need to purchase and bring materials, patterns and notions throughout the semester for individual projects.

English Department

Course #	Course Name	Course Description
LA103	English I S1	PREREQUISITE: NONE English I develops basic structures of reading and writing, using a variety of works from diverse authors to increase student interest, awareness, appreciation, and understanding of a variety of genre as well as opportunities to apply the writing process to promote communication through written expression. Students will come to understand that personal expression and the way we express ourselves is influenced by society and culture through literary analysis, reflective writing, persuasive writing and character analysis.
LA104	English I S2	PREREQUISITE: NONE English I develops basic structures of reading and writing, using a variety of works from diverse authors to increase student interest, awareness, appreciation, and understanding of a variety of genre as well as opportunities to apply the writing process to promote communication through written expression. Students will come to understand that personal expression and the way we express ourselves is influenced by society and culture through literary analysis, reflective writing, persuasive writing and character analysis.
LA125	Intro to Debate S1	PREREQUISITE: NONE Students will learn to recognize and utilize logic, organization, critical thinking, public speaking, evaluation and research. Students will investigate current events/topics, participate in presentations, defend both sides of issues, use evidence effectively, evaluate sources and speeches, and apply debate techniques effectively.

LA126	Intro to Debate S2	PREREQUISITE: LA125 Students will learn to recognize and utilize logic, organization, critical thinking, public speaking, evaluation and research. Students will investigate current events/topics, participate in presentations, defend both sides of issues, use evidence effectively, evaluate sources and speeches, and apply debate techniques effectively.
LA129	Theatre Arts I S1	PREREQUISITE: NONE Theatre Arts I am an introductory course that will teach students to utilize and develop self-confidence, poise, basic theatre terminology, appreciation of various dramatic forms, appropriate response, awareness of theatre production processes, understanding of theatre literature, knowledge of theatre history, and beginning performance skills.
LA130	Theatre Arts I S2	PREREQUISITE: LA129 Theatre Arts I am an introductory course that will teach students to utilize and develop self-confidence, poise, basic theatre terminology, appreciation of various dramatic forms, appropriate response, awareness of theatre production processes, understanding of theatre literature, knowledge of theatre history, and beginning performance skills.
LA131	Play Production I S1	PREREQUISITE: NONE Play Production I am a survey course of technical theatre covering set construction/safety, costumes, make-up, publicity/programs, lights/sound, props, house management, and play reading and analysis.
LA132	Play Production I S2	PREREQUISITE: LA131 Play Production I am a survey course of technical theatre covering set construction/safety, costumes, make-up, publicity/programs, lights/sound, props, house management, and play reading and analysis.
LA205	English II S1	PREREQUISITE: NONE English II continues the development of the structures of communication with an emphasis on the language arts of speaking and listening. Through the communication of ideas in both writing and speaking, students will learn to use information responsibly, accurately, and ethically. Students will communicate through a variety of mediums, including technology, to recognize the role evaluation and response have on oral communication.
LA206	English II S2	PREREQUISITE: NONE English II continues the development of the structures of communication with an emphasis on the language arts of speaking and listening. Through the communication of ideas in both writing and speaking, students will learn to use information responsibly, accurately, and ethically. Students will communicate through a variety of mediums, including technology, to recognize the role evaluation and response have on oral communication.

LA213	Journalism 1	PREREQUISITE: NONE Journalism allows students to explore the fundamental concepts behind the communications industry, including print, broadcast and advertising and the Internet. Students will study history, writing, editing, law and the packaging process, as well as obtain the understanding of deadlines and interviewing through practical application. Prerequisite for newspaper and yearbook practicum.
LA225	Competitive Debate S1	PREREQUISITE: LA126 Students will learn to recognize and utilize logic, organization, critical thinking, public speaking, evaluation and research. Students will investigate current events/topics, participate in presentations, defend both sides of issues, use evidence effectively, evaluate sources and speeches, and apply debate techniques effectively.
LA226	Competitive Debate S2	PREREQUISITE: LA225 Students will learn to recognize and utilize logic, organization, critical thinking, public speaking, evaluation and research. Students will investigate current events/topics, participate in presentations, defend both sides of issues, use evidence effectively, evaluate sources and speeches, and apply debate techniques effectively.
LA227	Speech	PREREQUISITE: NONE This course emphasizes critical thinking and effective communication through a variety of approaches, including public speaking and interpersonal, relational, intercultural, and nonverbal communication. Students analyze a range of verbal communications, from daily interactions and speeches by public officials to texts distributed through the mass media, and apply their analyses to practice and improve their own verbal communication styles and techniques.
LA229	Theatre Arts II S1	PREREQUISITE: LA130 The course provides the opportunity for students to thoroughly investigate the subjects taught in Theatre Arts I. Areas of concentration will be theatre history, literature, acting and play production. Performance will be a major component of this course.
LA230	Theatre Arts II S2	PREREQUISITE: LA229 The course provides the opportunity for students to thoroughly investigate the subjects taught in Theatre Arts I. Areas of concentration will be theatre history, literature, acting and play production. Performance will be a major component of this course.
LA231	Play Production II S1	PREREQUISITE: LA131 This course provides students an opportunity to apply the skills learned in Play Production I. Students will participate in decision making, construction and crew supervision, and problem solving. Students will learn advanced methods in dealing with props, sets, lights/sound, costumes, make-up, and publicity/programs.

LA232	Play Production II S2	PREREQUISITE: LA231 This course provides students an opportunity to apply the skills learned in Play Production I. Students will participate in decision making, construction and crew supervision, and problem solving. Students will learn advanced methods in dealing with props, sets, lights/sound, costumes, make-up, and publicity/programs.
LA239	English II Extension S1	CO-REQUISITE: English II English II Extension is a course designed to give students access to more challenging texts and writing tasks. This course is for students who desire additional challenge in their English coursework and for those who intend to go on to AP or dual-credit English courses in the future. Any student interested in challenging themselves as a reader or a writer is welcome in English II Extension.
LA240	English II Extension S2	CO-REQUISITE: English II English II Extension is a course designed to give students access to more challenging texts and writing tasks. This course is for students who desire additional challenge in their English coursework and for those who intend to go on to AP or dual-credit English courses in the future. Any student interested in challenging themselves as a reader or a writer is welcome in English II Extension.
LA241	Graphic Novels	PREREQUISITE: NONE Students will read literary works that have been constructed or adapted in a graphic novel format, enabling deeper analysis of the text involved. This course will be a collaborative learning community in which the students will explore the graphic novel medium as a mode of communicating stories, using the various texts to enhance, practice, and master traditional and new literacies. Graphic novels are a rich and varied form of literature and students will analyze the structure, research the history and growth of the popular culture phenomenon of graphic novels, and look closely at the effects created in sequential art narrative.
LA303	Creative Writing 1	PREREQUISITE: LA103/104 Creative Writing is a valuable course for those who have an interest in writing. The goal is to achieve a greater appreciation of literature by creating one's own fiction and by reading and responding to others' work while attending to structure and style. Students will be encouraged to select their own topics with the support and guidance of the instructor.
LA305	English III S1	PREREQUISITE: NONE English III builds on the structures of reading and writing, using a variety of materials representing different literary forms and authors. An emphasis on American literature through a global perspective will support critical analysis of author's style, character motivation, point of view, mood, and tone. Composition will focus on synthesizing new understandings with background

		knowledge and gain insight into the author's craft while adhering to conventions generally established in conventions, usage, syntax, and style.
LA306	English III S2	PREREQUISITE: NONE English III builds on the structures of reading and writing, using a variety of materials representing different literary forms and authors. An emphasis on American literature through a global perspective will support critical analysis of author's style, character motivation, point of view, mood, and tone. Composition will focus on synthesizing new understandings with background knowledge and gain insight into the author's craft while adhering to conventions generally established in conventions, usage, syntax, and style.
LA315	Mass Comm / Mass Media S1	PREREQUISITE: NONE Studies in mass media and communications.
LA316	Mass Comm / Mass Media S2	PREREQUISITE: NONE Studies in mass media and communications.
LA321	Newspaper S1	PREREQUISITE: NONE Newspaper is a hands-on laboratory course that allows students to apply the fundamental theories explored through journalism. Students will write, edit, package, produce and distribute the school's newspaper. Concepts emphasized include leadership, prioritizing, deadline meeting, interviewing, people-skill building, and business skills.
LA322	Newspaper S2	PREREQUISITE: NONE Newspaper 2 is a hands-on laboratory course that allows students to apply the fundamental theories explored through journalism. Students will write, edit, package, produce and distribute the school's newspaper. Concepts emphasized include leadership, prioritizing, deadline meeting, interviewing, people-skill building, and business skills.
LA323	Yearbook S1	PREREQUISITE: NONE Yearbook 1 is a hands-on laboratory course that allows students to apply the fundamental theories explored through journalism in a real-world setting. Students will write, edit, package, produce and distribute the school's yearbook. Concepts emphasized include leadership, prioritizing, deadline meeting, interviewing, editing, teamwork and business skills.
LA324	Yearbook S2	PREREQUISITE: NONE Yearbook 2 is a hands-on laboratory course that allows students to apply the fundamental theories explored through journalism in a real-world setting. Students will write, edit, package, produce and distribute the school's yearbook. Concepts emphasized include leadership, prioritizing, deadline meeting, interviewing, editing, teamwork and business skills.
LA329	Theatre Arts III S1	PREREQUISITE: LA230 This course will begin to prepare the more serious theatre student with advanced concepts in performance and production. Also, included will be an intro to playwriting, criticism, and auditioning. Students will explore forms of creative expression, performance styles, methods of acting, and artistic styles.

LA330	Theatre Arts III S2	PREREQUISITE: LA329 This course will begin to prepare the more serious theatre student with advanced concepts in performance and production. Also, included will be an intro to playwriting, criticism, and auditioning. Students will explore forms of creative expression, performance styles, methods of acting, and artistic styles.
LA331	Play Production III S1	PREREQUISITE: LA232 Play Production III covers exploratory methods of script analysis, design work, and stage management. Students will use basic and advanced design and construction concepts to create a production.
LA332	Play Production III S2	PREREQUISITE: LA331 Play Production III covers exploratory methods of script analysis, design work, and stage management. Students will use basic and advanced design and construction concepts to create a production.
LA351	Writing Workshop	PREREQUISITE: CONCURRENT ENROLLEMNT IN AP US HISTORY, AP LANG and/or AP LIT. This course is offered for ELECTIVE Credit and will support students with the written component for the courses listed as the prerequisite.
LA403	English IV S1	PREREQUISITE: NONE English IV (formerly known as World Literature) includes a survey of world literature studied in a thematic approach to critically evaluate information based on relevancy, objectivity, and reliability. Students will write several compositions using expository and argumentative techniques, including a research project. This project will include an articulated research question or thesis statement, and incorporate findings while adhering to a consistent format for documentation.
LA404	English IV S2	PREREQUISITE: NONE English IV (formerly known as World Literature) includes a survey of world literature studied in a thematic approach to critically evaluate information based on relevancy, objectivity, and reliability. Students will write several compositions using expository and argumentative techniques, including a research project. This project will include an articulated research question or thesis statement, and incorporate findings while adhering to a consistent format for documentation.
LA409	Writing 12	PREREQUISITE: LA308 This composition course stresses practice in writing through daily writing pieces as well as several compositions throughout the semester. Writing skills include supporting ideas with valid reasons and evidence, effectively organizing written pieces, connecting ideas from multiple sources, and writing about literature and informational texts.

LA411	Creative Writing 2	PREREQUISITE: LA303 Creative Writing 2 is a valuable course for those who have an interest in writing. The goal is to achieve a greater appreciation of literature by creating one's own fiction and by reading and responding to others' work while attending to structure and style. Students will be encouraged to select their own topics with the support and guidance of the instructor. JUNIOR'S AND SENIOR'S ONLY
LA415	Lit & Comp A: Contemporary Lit	PREREQUISITE: LA013/104 In Literature and Composition: Contemporary explores issues presented in modern fiction and nonfiction and emphasizes discussion and writing about materials read. Success in this course will require significant time devoted to reading and writing. JUNIOR'S AND SENIOR'S ONLY
LA416	Lit & Comp B: Sports Lit	PREREQUISITE: LA013/104 in Literature and Composition: Sports Literature, students will examine both classic and contemporary sports writing. Classes include guest speakers, group projects, discussion, writing sports-related blogs, documentaries, interviews, creative writing, and research-based assignments. Student will be required to focus not just on sports but issues that surround sports as well -- these topics include race, politics, class, and current issues. Success in this course will require significant time devoted to reading and writing.
LA417	Lit & Comp C: Multicultural Lit	PREREQUISITE: NONE in Literature and Composition: Multi-Cultural Literature, students will examine literary and informational texts by authors from all over the world and a variety of cultures. The literature represents many different time periods and broad spectrum of world views. Classes include guest speakers, group projects, discussion, film, documentaries, and current issues. Students will be required to participate in literature circles and small group book clubs. Major student assessments will include narrative writing, research papers, literary analyses, interviews, research application, and persuasive writing. Success in this course will require significant time devoted to reading and writing. JUNIOR'S AND SENIOR'S ONLY
LA418	Lit & Comp D: Science Fiction	PREREQUISITE: LA013/104 In Literature and Composition: Science Fiction is the study of literature and media that explore the human condition through elements of the unreal. Ranging in scope from high fantasy to complex science fiction and contemporary tales of superheroes, Science Fiction tackles the entire field of Speculative Fiction and breaks it down for students to enjoy, savor, and create. Success in this course will require significant time devoted to reading and writing.

LA419	Lit & Comp E: Women and Lit	<p>PREREQUISITE: NONE in Literature and Composition: Women and Literature students examine literary and informational texts by and about women; the emphasis is on works not read in other English classes. The literature represents several centuries and cultures. Classes include group projects, discussion, film, documentaries, and current issues. Each student keeps a journal, and the class has its own library. Major student assessments will include narrative writing, research papers, literary analyses, interviews, ethnographic research, and persuasive writing. Success in this course will require significant time devoted to reading and writing. JUNIOR'S AND SENIOR'S ONLY</p>
LA420	Lit & Comp F: Shakespeare	<p>PREREQUISITE: NONE in Literature and Composition: Shakespeare begins with a study of the life of William Shakespeare and the culture of Elizabethan England. Students will read a selection of Shakespeare's sonnets and at least three of his plays, including one tragedy and one comedy. An important objective is to understand the plays in the context of his theater and time. Students will also learn to understand Shakespeare's language, to interpret his metaphors, and to recognize famous quotations from his works. Success in this course will require significant time devoted to reading and writing. JUNIOR'S AND SENIOR'S ONLY</p>
LA429	Theatre Arts IV:Direct/Mgmt S1	<p>PREREQUISITE: LA330 In addition to intensive work in directing, design, and criticism, students in this course will be expected to make a significant contribution to the leadership of the Drama Department and will apply advanced theory to performance or technical work.</p>
LA430	Theatre Arts IV:Direct/Mgmt S2	<p>PREREQUISITE: LA430 In addition to intensive work in directing, design, and criticism, students in this course will be expected to make a significant contribution to the leadership of the Drama Department and will apply advanced theory to performance or technical work.</p>
LA431	Play ProductionIV:Dsgn/Mgmt S1	<p>PREREQUISITE: LA332 Students will assume the technical responsibility for a production including: Selection and analysis of the play, design for one tech area of the play, action plan, construction, final product, and critique of finished work.</p>
LA432	Play ProductionIV:Dsgn/Mgmt S2	<p>PREREQUISITE: LA431 Students will assume the technical responsibility for a production including: Selection and analysis of the play, design for one tech area of the play, action plan, construction, final product, and critique of finished work.</p>
LA501	*AP Lang & Comp S1	<p>PREREQUISITE: LA206 AP Language and Composition enables a student to be an effective writer at the postsecondary level. Students read, analyze, and practice a variety of discursive prose. Through the organized study of language skills and the structures of sentences, paragraphs, and expository patterns, students analyze</p>

		and implement the resources of the English language. Completion of the AP exam is an expectation for all AP courses.
LA502	*AP Lang & Comp S2	PREREQUISITE: LA501 AP Language and Composition enables a student to be an effective writer at the postsecondary level. Students read, analyze, and practice a variety of discursive prose. Through the organized study of language skills and the structures of sentences, paragraphs, and expository patterns, students analyze and implement the resources of the English language. Completion of the AP exam is an expectation for all AP courses.
LA529	*College AP Lit & Comp	PREREQUISITE: LA207 AP English Literature and Composition with college credit is a one-year high school course equivalent to two semesters of college course work designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. The composition instruction ranges from basic principles to more refined and advanced matters of style, requiring several compositions ranging from the imaginative and personal to the formal and detached. Completion of the AP exam is an expectation for all AP courses.
LA530	*College AP Lit & Comp	PREREQUISITE: LA503 AP English Literature and Composition with college credit is a one-year high school course equivalent to two semesters of college course work designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. The composition instruction ranges from basic principles to more refined and advanced matters of style, requiring several compositions ranging from the imaginative and personal to the formal and detached. Completion of the AP exam is an expectation for all AP courses.

Math Department

Course #	Course Name	Course Description
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MTH111	Algebra I S1	PREREQUISITE: NONE Algebra is the foundation of higher mathematics. Students will explore functional relationships, use algebraic systems and properties, represent patterns of change, and apply equations and inequalities to solve the problems. Special emphasis is placed on application of skills and concepts through problem solving.
MTH112	Algebra I S2	PREREQUISITE: NONE Algebra is the foundation of higher mathematics. Students will explore functional relationships, use algebraic systems and properties, represent patterns of change, and apply equations and inequalities to solve problems. Special emphasis is placed on application of skills and concepts through problem solving.
MTH211	Geometry S1	PREREQUISITE: MTH111/112 Geometry is the study of shape. Students will develop deductive reasoning skills as they consider properties of and relationships among shapes, location of shapes, transformation of shapes, and special shapes such as circles and triangles. Technology is used to enhance geometric experimentation and situations.
MTH212	Geometry S2	PREREQUISITE: MTH111/112 Geometry is the study of shape. Students will develop deductive reasoning skills as they consider properties of and relationships among shapes, location of shapes, transformation of shapes, and special shapes such as circles and triangles. Technology is used to enhance geometric experimentation and situations.
MTH311	Algebra II S1	PREREQUISITE: MTH111/112 This course extends basic algebraic skills developed in Algebra I. Students study complex numbers, explore sequences and series, work with logarithmic functions, and investigate trigonometric functions.
MTH312	Algebra II S2	PREREQUISITE: MTH111/112 Algebra II S1 Offered: Spring.5 credit This course extends basic algebraic skills developed in Algebra I. Students study complex numbers, explore sequences and series, work with logarithmic functions, and investigate trigonometric functions.
MTH321	Introduction to Statistics	PREREQUISITES: MTH111/112 and MTH211/212 Introduction to Statistics is a one-semester class designed primarily for seniors. Pre-requisites are 2-2.5 years of prior math including algebra 1 and geometry. Topics of study include but are not limited to methods of data collections, various means of organizing and describing data, interpreting charts and graphs, and probability. Students will be using real-life data as part of their learning. Students are expected to work outside of class gathering data for in-class projects and will be expected to read articles during class as needed.

MTH401	*Pre-Calculus S1	PREREQUISITE: MTH311/312 Pre-Calculus is the post-algebra class to bridge students to Calculus topics. Students explore complex numbers, logarithmic functions, trigonometry, combinatorics, polar coordinates, and beginning calculus concepts.
MTH402	*Pre-Calculus S2	PREREQUISITE: MTH311/312 Pre-Calculus is the post-algebra class to bridge students to Calculus topics. Students explore complex numbers, logarithmic functions, trigonometry, combinatorics, polar coordinates, and beginning calculus concepts.
MTH413	Intro to Trigonometry	PREREQUISITES: MTH111/112 and MTH211/212 By the end of the course, students will have experienced critical thinking and enhanced their problem-solving skills. The students will be expected to recognize patterns and develop and evaluate plausible solutions to real world situations. Topics include: the unit circle, trigonometric functions (definitions, graphs and inverses), right triangles, oblique triangles, trigonometric identities, trigonometric equations, the trigonometric form of complex numbers, two-dimensional vectors, polar coordinates, and parametric equations. A scientific calculator is required.
MTH501	*AP Calculus AB S1	PREREQUISITE: MTH401/402 The AP Calculus course follows the Advanced Placement syllabus and prepares students for the AP test in the spring. Course study includes properties of functions, limits, differential calculus, and integral calculus. Use of the graphing calculator is an integral part of this course and its use is required on the advanced placement test. Completion of the AP exam is an expectation for all AP courses.
MTH502	*AP Calculus AB S2	PREREQUISITE: MTH401/402 The AP Calculus course follows the Advanced Placement syllabus and prepares students for the AP test in the spring. Course study includes properties of functions, limits, differential calculus, and integral calculus. Use of the graphing calculator is an integral part of this course and its use is required on the advanced placement test. Completion of the AP exam is an expectation for all AP courses.
MTH551	*AP Statistics S1	PREREQUISITE: MTH311/312 or MTH321/MTH413 The AP statistics course follows the Advanced Placement syllabus and prepares students for the AP test in the spring. Students will plan and conduct a study, explore random phenomena using probability and simulation, estimate population parameters and test hypotheses. Completion of the AP exam is an expectation for all AP courses.

MTH552	*AP Statistics S2	PREREQUISITE: MTH311/312 or MTH321/MTH413 The AP statistics course follows the Advanced Placement syllabus and prepares students for the AP test in the spring. Students will plan and conduct a study, explore random phenomena using probability and simulation, estimate population parameters and test hypotheses. Completion of the AP exam is an expectation for all AP courses.
TEC551	*AP Computer Sci Principles S1	PREREQUISITES: MTH111/112 This course introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. The rigorous course promotes deep learning and computational content, develops computational thinking skills, and engages students in the creative aspects of the field. CURRENTLY NOT OFFERED AS MATH CREDIT
TEC552	*AP Computer Sci Principles S2	PREREQUISITES: MTH111/112 This course introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. The rigorous course promotes deep learning and computational content, develops computational thinking skills, and engages students in the creative aspects of the field. CURRENTLY NOT OFFERED AS MATH CREDIT
MTH558	*College AP Calculus AB S2	PREREQUISITE: MTH401/402 The AP Calculus course follows the Advanced Placement syllabus and prepares students for the AP test in the spring. Course study includes properties of functions, limits, differential calculus, and integral calculus. Use of the graphing calculator is an integral part of this course and its use is required on the advanced placement test. Completion of the AP exam is an expectation for all AP courses.

MUSIC DEPARTMENT

Course #	Course Name	Course Description
MUS101	Band S1	PREREQUISITE: Previous semester of concert band experience on applicable instrument or audition. This course includes concert band, and may include marching band (check with your school). Marching Band: The course begins approximately two weeks prior to the start of school with a required summer marching band camp. Marching band involves performances at all home varsity football games and a variety of other contests or parades each fall. Concert Band: Auditions for concert band are held in October. Members in the band will study traditional concert band literature, and perform regularly throughout the winter and spring months. Members are encouraged to take private lessons and may be asked to participate in honor bands.

MUS102	Band S2	PREREQUISITE: Previous semester of concert band experience on applicable instrument or audition. This course includes concert band. Concert Band: Auditions for concert band are held in October. Members in the band will study traditional concert band literature, and perform regularly throughout the winter and spring months. Members are encouraged to take private lessons, and may also participate in solo/ensemble contests.
MUS121	Orchestra S1	PREREQUISITE: Previous semester of Orchestra on applicable instrument or audition. This course is for all interested string players. Students participate in several concerts per year.
MUS122	Orchestra S2	PREREQUISITE: Previous semester of Orchestra on applicable instrument or audition. This course is for all interested string players. Students participate in several concerts per year.
MUS139	Concert Choir Non-Audition S1	PREREQUISITE: NONE Class will include study of vocal techniques and exercises, music theory and terminology, study of the human voice, and the history of choral music through performance of varied choral literature. Each semester the Concert Choir will study and rehearse music to be performed at specified concerts. This course replaces Lincoln Singers (MUS141 and MUS142). This course replaces Prep Choir Non-Audition (MUS135 and MUS136).
MUS140	Concert Choir Non-Audition S2	PREREQUISITE: MUS139 Class will include study of vocal techniques and exercises, music theory and terminology, study of the human voice, and the history of choral music through performance of varied choral literature. Each semester the Concert Choir will study and rehearse music to be performed at specified concerts.
MUS203	Instrumental Music Theory	PREREQUISITE: Instructor Approval CO-REQUISITE: Must be enrolled in an instrumental music course. Students will study traditional music theory, including scales, chords, intervals, transposition, and beginning part-writing.
MUS204	Instrumental Music Theory	PREREQUISITE: Instructor Approval CO-REQUISITE: Must be enrolled in an instrumental music course. Students will study traditional music theory, including scales, chords, intervals, transposition, and beginning part-writing.
MUS207	Jazz I	PREREQUISITE: Audition and must conform to IHSMA rules regarding participation. This course is offered to any student who plays a jazz instrument. Through performances, students will develop an understanding of basic jazz styles and improvisation techniques.
MUS208	Jazz I	PREREQUISITE: Audition and must conform to IHSMA rules regarding participation This course is offered to any student who plays a jazz instrument.

		Through performances, students will develop an understanding of basic jazz styles and improvisation techniques.
MUS211	Prep Choir Audition S1	PREREQUISITE: Audition This choir is designed to develop basic vocal technique, part-singing, and fundamentals of choral singing through a variety of musical styles. Multiple performances will be expected throughout the year.
MUS212	Prep Choir Audition S2	PREREQUISITE: Audition This choir is designed to develop basic vocal technique, part-singing, and fundamentals of choral singing through a variety of musical styles. Multiple performances will be expected throughout the year.
MUS217	Show Choir	PREREQUISITE: Audition CO-REQUISITE: Concert, Chamber or Core Choir Ensemble per IHSMA rules. Show Choir (formerly known as Sound Attraction) will study and sing styles including jazz and popular music. The members are expected to participate in fall and spring shows, several competitions, and performances outside of school hours. This course combined Fresh Air (MUS213/MUS214), Infinity (MUS311/MUS312), and Scarlet Singers (MUS313/MUS314).
MUS218	Show Choir	PREREQUISITE: Audition CO-REQUISITE: Concert, Chamber or Core Choir Ensemble per IHSMA rules. Show Choir (formerly known as Sound Attraction) will study and sing styles including jazz and popular music. The members are expected to participate in fall and spring shows, several competitions, and performances outside of school hours. This course combined Fresh Air (MUS213/MUS214), Infinity (MUS311/MUS312), and Scarlet Singers (MUS313/MUS314).
MUS220	Music Theatre	PREREQUISITE: NONE This is a one semester course. Musical Theatre students will have the opportunity to thoroughly investigate the art of performance through the combined studies of drama, vocal music, and dance in this course that serves as both an exploratory class and a performance ensemble. Areas of concentration will include musical theatre history, literature, composition studies, acting, criticism, auditioning, performance studies, elements of song and dance, and other advanced concepts related to performance and production.
MUS221	Jazz Choir	PREREQUISITE: Audition Jazz Choir (formerly known as *Harmony) is an auditioned vocal jazz ensemble designed to challenge the student through instruction of vocal techniques and competitions, including various community performances. This course will include, but not be limited to: improvisational development, theory, special projects, history and literature, ear and key skills, basic keyboard tool development, and performances of various styles of jazz.

MUS222	Jazz Choir	PREREQUISITE: Audition Jazz Choir (formerly known as *Harmony) is an auditioned vocal jazz ensemble designed to challenge the student through instruction of vocal techniques and competitions, including various community performances. This course will include, but not be limited to: improvisational development, theory, special projects, history and literature, ear and key skills, basic keyboard tool development, and performances of various styles of jazz.
MUS223	Gospel Choir S1	PREREQUISITE: Audition Gospel Choir (formerly known as Heart and Soul Choir) is a choral performing group which seeks to explore non-traditional vocal music from a variety of sources, especially the contributions of African American musicians. Jazz, R&B, Gospel, and ragtime are examples of styles that will be studied and performed. This course combined with Bridges2Harmony (MUS225/MUS226).
MUS224	Gospel Choir S2	PREREQUISITE: Audition Gospel Choir (formerly known as Heart and Soul Choir) is a choral performing group which seeks to explore non-traditional vocal music from a variety of sources, especially the contributions of African American musicians. Jazz, R&B, Gospel, and ragtime are examples of styles that will be studied and performed. This course combined with Bridges2Harmony (MUS225/MUS226).
MUS229	Choir S1	
MUS230	Choir S2	
MUS305	Vocal Music Theory	PREREQUISITE: Instructor Approval CO-REQUISITE: Vocal Ensemble Students will study traditional music theory, including scales, chords, intervals, transposition, and beginning part-writing.
MUS306	Vocal Music Theory	PREREQUISITE: Instructor Approval CO-REQUISITE: Vocal Ensemble Students will study traditional music theory, including scales, chords, intervals, transposition, and beginning part-writing.
MUS315	Chamber Choir S1	PREREQUISITE: Audition only Class will include study of advanced vocal techniques and exercises, review of basic music theory and terminology, advanced sight reading skills, study of the human voice, vocal health, and the history of choral music through performance of various styles of vocal literature. Each semester Chamber Choir will study and rehearse music to be performed at specified concerts and contests.
MUS316	Chamber Choir S2	PREREQUISITE: Audition only Class will include study of advanced vocal techniques and exercises, review of basic music theory and terminology, advanced sight reading skills, study of the human voice, vocal health, and the history of choral music through performance of various styles of vocal literature.

		Each semester Chamber Choir will study and rehearse music to be performed at specified concerts and contests.
MUS327	Studio Production Technology	PREREQUISITE: NONE the Vocal Studio Production Technology Course (formerly known as Studio Production Technology) will occur in a hands-on recording studio environment using current technology. Key components of the curriculum include song writing, sequencing, drum programming, mixing, and broadcasting.
MUS403	Varsity Show Choir	PREREQUISITE: Audition Class will include study of advanced vocal techniques and exercises, review of basic music theory and terminology, advanced sight reading skills, study of the human voice, vocal health, and the history of choral music through performance of various styles of vocal literature. Each semester Chamber Choir will study and rehearse music to be performed at specified concerts and contests.
MUS404	Varsity Show Choir	PREREQUISITE: Audition Class will include study of advanced vocal techniques and exercises, review of basic music theory and terminology, advanced sight reading skills, study of the human voice, vocal health, and the history of choral music through performance of various styles of vocal literature. Each semester Chamber Choir will study and rehearse music to be performed at specified concerts and contests.
MUS405	*Honors Band S1	PREREQUISITE: Audition This course is for a select group that will study highly advanced band music. Members are determined by audition. Students in this course are required to audition for All-State/SCIBA.
MUS406	*Honors Band S2	PREREQUISITE: Audition This course is for a select group that will study highly advanced band music. Members are determined by audition. Students in this course are required to audition for All-State/SCIBA.
MUS407	*Honors Orchestra S1	PREREQUISITE: Audition This course is for a select group that will study highly advanced orchestra music. Members are determined by audition.
MUS408	*Honors Orchestra S2	PREREQUISITE: Audition This course is for a select group that will study highly advanced orchestra music. Members are determined by audition.

MUS501	*AP Music Theory	PREREQUISITE: NONE Advanced Placement Music Theory is a college-level study of the theory and ear training of music. It is geared toward the Advanced Placement Music Theory test, which is strong on aural (listening) skills as well as written skills. Students will learn to identify scales, intervals, chord progressions and modulations by sound and by sight. Students will sing melodies on sight and improve student's rhythm reading. Students will learn how to write music from various forms of shorthand and analyze music. Students will learn, chords, cadences and forms. Students will decode music and decode how and why music is written the way it is. There are no official prerequisites, but those having had music before will have a definite advantage. This course combined with IS Music Composition (MUS301/MUS302) and IS Music Theory (MUS303/MUS304).
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MUS502	*AP Music Theory	PREREQUISITE: NONE Advanced Placement Music Theory is a college-level study of the theory and ear training of music. It is geared toward the Advanced Placement Music Theory test, which is strong on aural (listening) skills as well as written skills. Students will learn to identify scales, intervals, chord progressions and modulations by sound and by sight. Students will sing melodies on sight and improve student's rhythm reading. Students will learn how to write music from various forms of shorthand and analyze music. Students will learn, chords, cadences and forms. Students will decode music and decode how and why music is written the way it is. There are no official prerequisites, but those having had music before will have a definite advantage.
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PHYSICAL EDUCATION DEPARTMENT

Course #	Course Name	Course Description
PHY105	Team Games/Act & Sports	PREREQUISITE: NONE Students will learn a variety of rules, skills, fundamentals and strategies in multiple team activities. Safety and sportsmanship will be emphasized. Activities will include by not limited to: Basketball, Soccer, Volleyball, Floor Hockey, Lacrosse, Ultimate Games, Non-traditional Games, Flag Football, Diamond Sports. District mandated fitness assessments will be administered in pre and posttest form.
PHY109	Total Body Fitness & Cond LI	PREREQUISITE: NONE This beginning course is designed to introduce proper lifting techniques, spotting methods, weight room safety, and workout routines. Activities will include but not limited to: a multitude of lifts utilizing free weights, machine weights, as well as an emphasis on conditioning and fitness. District mandated fitness assessments will be administered in pre and posttest form.

PHY115	Fitness Walking	<p>PREREQUISITE: NONE This course is designed for students to improve cardiovascular fitness by walking. This course is completely activity based and suggested for those who are self-motivated. Various walking activities and assessments will be used throughout the class. Students will be expected to walk 2-3 miles per class period. This will allow students' the opportunity to participate in individual fitness activities that can be continued throughout one's lifetime. Activities include by not limited to: walking, heart rate monitoring, circuit training, treadmills, time laps/stairs, time mile, pedometers/activity monitors, walking bands. District mandated fitness assessments will be administered in pre and posttest form.</p>
PHY120	High Intensity Physical Fit	<p>PREREQUISITE: NONE Students will learn about health and nutrition; knowledge of lifetime wellness and fitness will be covered and emphasized. Activities include but not limited to: Circuit training, weight resistance, free weights, resistance bands, group fitness classes, designing a fitness class, and fitness technology. District mandated fitness assessments will be administered in pre and posttest form.</p>
PHY209	Total Body Fitness & Cond LII	<p>PREREQUISITE: NONE This beginning course is designed to introduce proper lifting techniques, spotting methods, weight room safety, and workout routines. Activities will include but not limited to: a multitude of lifts utilizing free weights, machine weights, as well as an emphasis on conditioning and fitness. District mandated fitness assessments will be administered in pre and posttest form.</p>
PHY235	Lifeguarding	<p>PREREQUISITE: NONE This course will offer instruction to students through the American Red Cross lifeguarding curriculum. Throughout this course lifeguard candidates and lifeguards will be taught with the necessary skills and knowledge needed to prevent and respond to aquatic emergencies. Students will be given the opportunity to receive lifeguard certification after successful completion of this course. Students will learn CPR and First Aid. District mandated fitness assessments will be administrated in a pre and posttest form.</p>
PHY241	Aquatics	<p>PREREQUISITE: NONE Students will gain an awareness of the importance of water safety training and to provide general information on being safe in, on, and around water. Students will work on their coordination and refinement of strokes. Students will participate, assess, and improve levels of flexibility, cardiovascular fitness, muscular strength, endurance, and body composition. CPR has been mandated by the state and may be included in the curriculum. Activities can include but not limited to: pool rules, safety/expectations, water injuries, deck</p>

rescues/in water rescues, introduction to water skills, fundamental aquatic skills and stroke techniques.

SCIENCE DEPARTMENT

Course #	Course Name	Course Description
SCI201	Environmental Science S1	PREREQUISITE: SCI203/SCI204 Environmental Science is a course designed to explore underlying causes and effects of earth's natural and man-made environmental problems. The interrelationships between all living things and the interactions between living things and their non-living environment will be the framework for this study of the earth and its environment. This course combines principles of biology and earth science, and would be appealing to students interested in either of these disciplines. There are many different opinions regarding the causes and effects of environmental problems. Therefore, students will be expected to practice and display a range of problem solving and critical thinking skills to examine scientific evidence and propose and conduct investigations.
SCI202	Environmental Science S2	PREREQUISITE: SCI203/SCI204 Environmental Science is a course designed to explore underlying causes and effects of earth's natural and man-made environmental problems. The interrelationships between all living things and the interactions between living things and their non-living environment will be the framework for this study of the earth and its environment. This course combines principles of biology and earth science, and would be appealing to students interested in either of these disciplines. There are many different opinions regarding the causes and effects of environmental problems. Therefore, students will be expected to practice and display a range of problem solving and critical thinking skills to examine scientific evidence and propose and conduct investigations.
SCI203	Biology S1	PREREQUISITE: NONE Biology is the study of life. This lab-based course provides a survey of life science topics with a special focus on science processes and inquiry, the cell, the molecular basis of heredity, evolution, interdependence of organisms, living systems, and behavior of organisms. Integration of these topics allows students to practice scientific thinking skills and apply them to in-class investigations. Biology serves as a prerequisite for several advanced life science courses including Environmental Science, AP Biology, and Marine Biology.

SCI204	Biology S2	<p>PREREQUISITE: NONE Biology is the study of life. This lab-based course provides a survey of life science topics with a special focus on science processes and inquiry, the cell, the molecular basis of heredity, evolution, interdependence of organisms, living systems, and behavior of organisms. Integration of these topics allows students to practice scientific thinking skills and apply them to in-class investigations. Biology serves as a prerequisite for several advanced life science courses including Environmental Science, AP Biology, and Marine Biology.</p>
SCI205	Conceptual Physics S1	<p>PREREQUISITE: NONE CO-REQUISITE: MTH111/MTH112 is strongly suggested. This course examines physics concepts without emphasizing high level mathematics. Basic Algebra skills are used to increase students understanding of these concepts. Designed to make physics available to a wider audience, this course will provide students with an intellectual foundation for the study of biology and chemistry later in their high school education. Concepts such as straight-line motion, forces, energy and mechanical waves will be studied. This course will help to prepare a student to take AP Physics 1 during his/her junior or senior year, and should not be viewed as a substitute for an upper level Physics course.</p>
SCI206	Conceptual Physics S2	<p>PREREQUISITE: NONE CO-REQUISITE: MTH111/MTH112 is strongly suggested. This course examines physics concepts without emphasizing high level mathematics. Basic Algebra skills are used to increase students understanding of these concepts. Designed to make physics available to a wider audience, this course will provide students with an intellectual foundation for the study of biology and chemistry later in their high school education. Concepts such as straight-line motion, forces, energy and mechanical waves will be studied. This course will help to prepare a student to take AP Physics 1 during his/her junior or senior year, and should not be viewed as a substitute for an upper level Physics course.</p>
SCI207	Earth Science S1	<p>PREREQUISITE: NONE This interdisciplinary course, consisting of a study of the earth and space, is an integral part of the science sequence. Topics of study include geology, space and astronomy, meteorology and oceanography. Laboratory investigations, which involve students in the inquiry processes of science, are incorporated into the course. This course is part of the sequence of science courses students should consider for a strong, diversified academic program in science.</p>

SCI208	Earth Science S2	<p>PREREQUISITE: NONE This interdisciplinary course, consisting of a study of the earth and space, is an integral part of the science sequence. Topics of study include geology, space and astronomy, meteorology and oceanography. Laboratory investigations, which involve students in the inquiry processes of science, are incorporated into the course. This course is part of the sequence of science courses students should consider for a strong, diversified academic program in science.</p>
SCI301	Chemistry S1	<p>PREREQUISITE: MTH111/MTH112 The nature of matter and its relationship to chemical changes is emphasized in this course. Matter is examined through a study of elements, atoms and molecules, the periodic table, chemical behavior, and energy changes. Laboratory investigations are used extensively to enable students to discover and reinforce these concepts while challenging students to use good scientific thinking and reasoning skills.</p>
SCI302	Chemistry S2	<p>PREREQUISITE: MTH111/MTH112 The nature of matter and its relationship to chemical changes is emphasized in this course. Matter is examined through a study of elements, atoms and molecules, the periodic table, chemical behavior, and energy changes. Laboratory investigations are used extensively to enable students to discover and reinforce these concepts while challenging students to use good scientific thinking and reasoning skills.</p>
SCI303	Forensic Science	<p>PREREQUISITE: SCI203/SCI204 and SCI301/302 Forensic Science is an innovative and unique one semester course that develops critical thinking and problem-solving skills. Fingerprinting identification, hair analysis, and trace evidence examination are only a few of the many topics discussed. This course is rich in lab work and is a natural vehicle for students to practice science as inquiry. Forensic science is multidisciplinary; it is an applied science that encompasses the sciences, technology, mathematics, social studies, and language arts.</p>
SCI307	Zoology	<p>PREREQUISITE: SCI203/SCI204 Zoology is the study of animals. In this course, students with an interest in animals will have opportunities to practice skills of inquiry as they study relationships among animal groups and their environment, classification and life cycles of animal groups, and relationships between animal groups. Laboratory investigations are regularly incorporated.</p>

SCI309	Anatomy and Physiology	PREREQUISITE: SCI203/SCI204 Anatomy & Physiology is a one semester survey course that covers the structure and function of the human body from the cellular level to organ systems. The organ systems studied are the skin and integumentary system, the skeletal and muscular systems, the nervous system, and the senses, the endocrine system, blood and the cardiovascular system, the lymphatic system and immunity, the respiratory system, the urinary system, the digestive system including nutrition, and the reproductive system. Other topics included in the course are: the body's balance of water; electrolytes, acids, and bases; and an introduction to human growth and development. This course is meant to be an introductory course in Anatomy & Physiology.
SCI311	Astronomy	PREREQUISITE: SCI205/SCI206 or SCI207/SCI208 A one-semester course devoted to the study of astronomy. Units of study will include: objects that can be observed in the sky with the unaided eye such as the sun, planets, and stars; equipment that is used to further our knowledge of the universe; the relation between the earth and the other objects in the sky; the properties and lives of stars; the origins of our universe and solar system.
SCI505	*AP Chemistry S1	PREREQUISITE: SCI301/SCI302 CO-REQUISITE: SCI203/204 or a Physics course AP Chemistry is an intensive study of matter at the atomic and molecular levels, emphasizing inorganic chemistry. There is a concentration on the mathematical treatment of the principles of college chemistry. The course covers formula writings, types of chemical reactions and stoichiometry, atomic and molecular structure, gases, kinetics, equilibrium, acid-base chemistry, and thermodynamics. Laboratory work is extensive and equivalent to freshman college-level with formal reports. Completion of the AP exam is an expectation for all AP courses.
SCI506	*AP Chemistry S2	PREREQUISITE: SCI301/SCI302 CO-REQUISITE: SCI203/204 or a Physics course AP Chemistry is an intensive study of matter at the atomic and molecular levels, emphasizing inorganic chemistry. There is a concentration on the mathematical treatment of the principles of college chemistry. The course covers formula writings, types of chemical reactions and stoichiometry, atomic and molecular structure, gases, kinetics, equilibrium, acid-base chemistry, and thermodynamics. Laboratory work is extensive and equivalent to freshman college-level with formal reports. Completion of the AP exam is an expectation for all AP courses.

SCI507	*AP Biology S1	PREREQUISITE: SCI203/SCI204 CO-REQUISITE: SCI301/302 This course is the equivalent of an introductory college biology course. It is an intensive study emphasizing the molecular biology of the cell, genetics and evolution, organisms and populations. Laboratory activities challenge students' abilities to understand problems, develop and implement experimental designs, manipulate data, and think analytically. Laboratory work is extensive. Completion of the AP exam is an expectation for all AP courses.
SCI508	*AP Biology S2	PREREQUISITE: SCI203/SCI204 CO-REQUISITE: SCI301/302 This course is the equivalent of an introductory college biology course. It is an intensive study emphasizing the molecular biology of the cell, genetics and evolution, organisms and populations. Laboratory activities challenge students' abilities to understand problems, develop and implement experimental designs, manipulate data, and think analytically. Laboratory work is extensive. Completion of the AP exam is an expectation for all AP courses.
SCI517	*College AP Environment S1	PREREQUISITE: SCI203/SCI204 CO-REQUISITE: SCI301/SCI302 AP Environmental Science with college credit is a one-year high school course, equivalent to a one-semester college course stressing scientific principles and analysis. The goal of the course is to provide students with scientific principles, concepts and methodologies to understand the interrelationship of the natural world; to identify and analyze natural and man-made environmental problems; to evaluate the relative risk associated with these problems; and to examine alternative solutions for resolving and preventing them. There are strong lab and field investigations, allowing students to learn about the environment through firsthand observation. Field experiences may be arranged outside of school hours. Completion of the AP exam is an expectation for all AP courses.
SCI518	*College AP Environment S2	PREREQUISITE: SCI203/SCI204 CO-REQUISITE: SCI301/SCI302 AP Environmental Science with college credit is a one-year high school course, equivalent to a one-semester college course stressing scientific principles and analysis. The goal of the course is to provide students with scientific principles, concepts and methodologies to understand the interrelationship of the natural world; to identify and analyze natural and man-made environmental problems; to evaluate the relative risk associated with these problems; and to examine alternative solutions for resolving and preventing them. There are strong lab and field investigations, allowing students to learn about the environment through firsthand observation. Field experiences may be arranged outside of school hours. Completion of the AP exam is an expectation for all AP courses.

SCI525	*AP Physics 1 S1	PREREQUISITE: MTH111/MTH112, MTH211/MTH212 CO-REQUISITE: MTH311/MTH312 This course is the equivalent of an introductory college physics course and includes topics in both classical and modern physics, emphasizing the mathematical treatment of physical events. The course covers topics such as kinematics, forces and Newton, gravity and fields, energy, momentum, rotational momentum, magnetism, simple harmonic motion, and waves. Students interested in pursuing a major in science or engineering in college should take this course to be fully prepared for college physics. Lab experience is extensive. Concurrent enrollment in Pre-Calculus is recommended, but not REQUIRED. Completion of the AP exam is an expectation for all AP courses.
SCI526	*AP Physics 1 S2	PREREQUISITE: MTH111/MTH112, MTH211/MTH212 CO-REQUISITE: MTH311/MTH312 This course is the equivalent of an introductory college physics course and includes topics in both classical and modern physics, emphasizing the mathematical treatment of physical events. The course covers topics such as kinematics, forces and Newton, gravity and fields, energy, momentum, rotational momentum, magnetism, simple harmonic motion, and waves. Students interested in pursuing a major in science or engineering in college should take this course to be fully prepared for college physics. Lab experience is extensive. Concurrent enrollment in Pre-Calculus is recommended, but not REQUIRED. Completion of the AP exam is an expectation for all AP courses.

SOCIAL SCIENCE DEPARTMENT

Course #	Course Name	Course Description
SOC101	Current Issues	PREREQUISITE: NONE *Please note: This course can only be taken once during a high school career. Current Issues is a one-semester social studies elective course designed for students who have a strong interest in both domestic and global events. Students will examine various issues such as rights, elections and media, and government. Various topics will be explored in-depth to gain an understanding of the historical context of the issue and the attempts made to resolve the issue.
SOC111	20th Cent World Hist (WH1)	PREREQUISITE: NONE This unique 20th Century World History course is a change not only in what we teach, but in how we teach history. This course is a focused study of the 20th Century for all ninth-graders. 20th Century World History focuses on key issues, events and people of the 20th Century and helps students build the connections into the past to understand why things came to be that way. In no way, will this course simply be a chronological march through time, but

		<p>instead an in-depth look at historical themes from a global perspective. The course will include instructional units on imperialism, the world wars, the post-colonial world, conflict and genocide. The course concludes with a synthesis project in which students have guided choice to investigate a historical topic from the 20th Century. The 20th Century World History course provides students with an opportunity to develop skills such as, but not limited to, interpreting primary sources, developing academic vocabulary related to topics and eras studied, making connections between history and geography, establishing an historical context for topics, people and events studied by organizing information gathered from secondary sources, connecting historical topics, people and events to the present day, and extending their learning through additional resources provided by instructor.</p>
SOC112	20th Cent World Hist (WH2)	<p>PREREQUISITE: NONE This unique 20th Century World History course is a change not only in what we teach, but in how we teach history. This course is a focused study of the 20th Century for all ninth-graders. 20th Century World History focuses on key issues, events and people of the 20th Century and helps students build the connections into the past to understand why things came to be that way. In no way, will this course simply be a chronological march through time, but instead an in-depth look at historical themes from a global perspective. The course will include instructional units on imperialism, the world wars, the post-colonial world, conflict and genocide. The course concludes with a synthesis project in which students have guided choice to investigate a historical topic from the 20th Century. The 20th Century World History course provides students with an opportunity to develop skills such as, but not limited to, interpreting primary sources, developing academic vocabulary related to topics and eras studied, making connections between history and geography, establishing an historical context for topics, people and events studied by organizing information gathered from secondary sources, connecting historical topics, people and events to the present day, and extending their learning through additional resources provided by instructor.</p>
SOC121	History's Mysteries	<p>PREREQUISITE: NONE The purpose of History's Mysteries is to develop a greater understanding of how different groups of historical peoples dealt with the challenges that they faced. The course will focus on the political, economic, religious, social and cultural institutions that formed in different historical civilizations and empires across the globe. Students will have an opportunity to select an area of study and analyze historical patterns, change, and continuity.</p>

		The History's Mysteries course is designed to develop the skills of studying, document analysis, discussion, critical thinking, and writing. These skills are essential for success in 20th Century World History and Advanced Placement courses in the Social Studies.
SOC201	US History S1	PREREQUISITE: NONE The United States History course provides students with the analytical skills and factual knowledge to deal critically with the problems and materials in our nation's history. Instructional units invite students to travel from the events leading to the Revolutionary War through the present day. Students learn to assess historical materials - their relevance to a given problem, reliability, and importance - and to weigh the evidence and interpretations presented in historical scholarship. Students will also develop the skills to present reasons and evidence clearly and persuasively in writing.
SOC202	US History S2	PREREQUISITE: NONE The United States History course provides students with the analytical skills and factual knowledge to deal critically with the problems and materials in our nation's history. Instructional units invite students to travel from the events leading to the Revolutionary War through the present day. Students learn to assess historical materials - their relevance to a given problem, reliability, and importance - and to weigh the evidence and interpretations presented in historical scholarship. Students will also develop the skills to present reasons and evidence clearly and persuasively in writing.
SOC205	Psychology	PREREQUISITE: 1.0 credits of history This course is designed to provide students with a basic understanding of human behavior and social relationships. The purpose is to create an awareness of the uniqueness of the individual and help students apply psychological principles to the solution of personal problems. Psychology will help students identify personal needs, values, and goals to assist them as they make career choices and family decisions. This course will also provide students with an understanding of the learning process and an appreciation of psychology as a field of knowledge based on scientific methods of research. The course is composed of the following instructional units: history and methods of psychology, the biology of psychology, cognitive psychology, human development, social psychology, and variations (psychological disorders and treatments).

SOC209	Sociology	PREREQUISITE: 1.0 credits of history This course is designed to provide students with a basic understanding of the society in which they live by analyzing and evaluating the function of major social institutions, the effects of social change, and the origin and impact of prejudice, discrimination, stereotyping, and social stratification. This course will help students develop a broad understanding of culture and the ability to think objectively as they seek solutions to current social problems.
SOC315	Contemporary World Affairs	PREREQUISITE: 2.0 credits of history Contemporary World Affairs is a one-semester social studies elective course designed for students who have a strong interest in exploring present-day global issues. Students examine political, economic and social issues, as well as the role of the United States in world affairs. Various topics are explored in depth to gain an understanding of the historical context of the issue, as well as attempts made to resolve global issues. Topics include, but are not limited to, responding to terrorism, human rights and foreign policy, international relations, global economics, etc. The historical background for major world issues and conflicts will help students identify the underlying causes of most global conflicts.
SOC321	America in the 1960s	PREREQUISITE: 1.0 credits of history This one-semester project-based course is an exploration of the 1960's in the United States with events that changed America. Political and military issues such as the presidents that guided the nation during these decades, the Cuban Missile Crisis, and Vietnam will be examined along with cultural and social issues that influenced future generations and remain a dominant force today. Topics include the hippie movement and other Counter Cultures that emerged, the vocal minority who took a stand with Civil Rights and the anti-war protest, the influence of rock and roll, and the rebellion of youth, fashion, and much more.
SOC403	Economics	PREREQUISITE: NONE The study of economics is a study of choices, a matter of decision-making. This course provides students with an opportunity to develop sound decision-making procedures, based on his/her values, and to evaluate alternative solutions to economic problems. Economics will help students understand how our economy works and how economic incentives influence consumers, business owners, investors, and government employees. Many of the important issues of our country and the world - recession, inflation, urban and ecological decline and decay, racial discrimination and poverty - have economic roots. By developing an awareness and perception of economics as it is interwoven in other areas of existence, students gain insight and understanding of

		<p>business, government and themselves. This course introduces high school students to economics concepts through a combination of practical problems, analysis, and economic philosophy. Reserved for Seniors. Juniors will be enrolled as room allows.</p>
SOC405	Government	<p>PREREQUISITE: NONE The goal of this one semester course is active, responsible citizenship. The course provides students with multiple opportunities to develop an analytical perspective on government and politics in the United States, to develop civic commitment and capacity, and to build a well-informed, thoughtful response to the course driving question: What is the proper role of government in a democratic society? This question will be used throughout the course. Students return to it frequently, revising and deepening their understanding and responses considering the concepts they are learning such as the foundation of U.S. government, political beliefs/behaviors, elections and voting, and policy making institutions. This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. Reserved for Seniors. Juniors will be enrolled as room allows.</p>
SOC501	*AP US History S1	<p>PREREQUISITE: NONE The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The course focuses on the development of historical thinking skills (chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and an understanding of content learning objectives organized around seven themes. The themes include: identify, peopling, and America in the world, along with others. This course is in line with college and university U.S. history survey courses' increased focus on early and recent American history and decreased emphasis on other areas (special attention is given to 1491 to 1607 and from 1980 to the present). AP courses are college level courses taken in high school. A national exam is given in May of each year and scored on a 1 to 5 scale. A score of 3, 4, or 5 is considered passing and leads to college credit or advanced placement in most all 4-year colleges and</p>

		<p>universities. There are over 30 Advanced Placement courses available to DMPS students. Completion of the AP exam is an expectation for all AP courses.</p>
SOC502	*AP US History S2	<p>PREREQUISITE: NONE The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The course focuses on the development of historical thinking skills (chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and an understanding of content learning objectives organized around seven themes. The themes include: identify, peopling, and America in the world, along with others. This course is in line with college and university U.S. history survey courses' increased focus on early and recent American history and decreased emphasis on other areas (special attention is given to 1491 to 1607 and from 1980 to the present). AP courses are college level courses taken in high school. A national exam is given in May of each year and scored on a 1 to 5 scale. A score of 3, 4, or 5 is considered passing and leads to college credit or advanced placement in most all 4-year colleges and universities. There are over 30 Advanced Placement courses available to DMPS students. Completion of the AP exam is an expectation for all AP courses.</p>
SOC507	*AP Government S1	<p>PREREQUISITE: 2.0 credits of history In the year-long AP U.S. Government and Politics course, students move together through five project cycles that address the six AP topics specified by the College Board for success on the Advanced Placement exam. The course is designed using the problem-based learning approach and developed with the support of the George Lucas Educational Foundation and the University of Washington, Seattle. Student-centered learning is at the heart of this course that has students participating in five project cycles: Founders' Intent, Election 2012, Government in Action, 112th Congress, and</p>

		<p>Supreme Court of the United States. Students in AP US Government and Politics will know important facts, concepts, and theories pertaining to U.S. government and politics. Students will understand typical patterns of political processes and behavior and their consequences (including the components of political behavior, the principles used to explain or justify various government structures and procedures, and the political effects of these structures and procedures). Students will be able to analyze and interpret basic data relevant to U.S. government and politics (including data presented in charts, tables, and other formats). AP courses are college level courses taken in high school. A national exam is given in May of each year and scored on a 1 to 5 scale. A score of 3, 4, or 5 is considered passing and leads to college credit or advanced placement in most all 4-year colleges and universities. There are over 30 Advanced Placement courses available to DMPS students. Completion of the AP exam is an expectation for all AP courses.</p>
SOC508	*AP Government S2	<p>PREREQUISITE: 2.0 credits of history In the year-long AP U.S. Government and Politics course, students move together through five project cycles that address the six AP topics specified by the College Board for success on the Advanced Placement exam. The course is designed using the problem-based learning approach and developed with the support of the George Lucas Educational Foundation and the University of Washington, Seattle. Student-centered learning is at the heart of this course that has students participating in five project cycles: Founders' Intent, Election 2012, Government in Action, 112th Congress, and Supreme Court of the United States. Students in AP US Government and Politics will know important facts, concepts, and theories pertaining to U.S. government and politics. Students will understand typical patterns of political processes and behavior and their consequences (including the components of political behavior, the principles used to explain or justify various government structures and procedures, and the political effects of these structures and procedures). Students will be able to analyze and interpret basic data relevant to U.S. government and politics (including data presented in charts, tables, and other formats). AP courses are college level courses taken in high school. A national exam is given in May of each year and scored on a 1 to 5 scale. A score of 3, 4, or 5 is considered passing and leads to college credit or advanced placement in most all 4-year colleges and universities. There are over 30 Advanced Placement courses available to DMPS students. Completion of the AP exam is an expectation for all AP courses.</p>

SOC511	*AP Macroeconomics	<p>PREREQUISITE: 2.0 credits of history The purpose of an AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system. Such a course places emphasis on the study of national income and price-level determination and develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth and international economics. An additional purpose of this course is to give students a thorough understanding of the principles of economics that apply to an economic system. This course places emphasis on the study of the major macroeconomic goals of economic growth, full employment, and price stability. It also develops a student's familiarity with economic performance measures; national income and price determination, the study of which includes aggregate supply, aggregate demand, the circular flow of money, fiscal policy, and monetary policy; and international courses are college level courses taken in high school. A national exam is given in May of each year and scored on a 1 to 5 scale. A score of 3, 4, or 5 is considered passing and leads to college credit or advanced placement in most all 4-year colleges and universities. There are over 30 Advanced Placement courses available to DMPS students. Completion of the AP exam is an expectation for all AP courses.</p>
SOC513	*AP Psychology S1	<p>PREREQUISITE: 1.0 credits of history This year-long college-level course covers in depth all topics in introductory psychology. The course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their science and practice courses are college level courses taken in high school. A national exam is given in May of each year and scored on a 1 to 5 scale. A score of 3, 4, or 5 is considered passing and leads to college credit or advanced placement in most all 4-year colleges and universities. There are over 30 Advanced Placement courses available to DMPS students. Completion of the AP exam is an expectation for all AP courses.</p>

SOC514	*AP Psychology S2	<p>PREREQUISITE: 1.0 credits of history This year-long college-level course covers in depth all topics in introductory psychology. The course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their science and practice courses are college level courses taken in high school. A national exam is given in May of each year and scored on a 1 to 5 scale. A score of 3, 4, or 5 is considered passing and leads to college credit or advanced placement in most all 4-year colleges and universities. There are over 30 Advanced Placement courses available to DMPS students. Completion of the AP exam is an expectation for all AP courses.</p>
SOC519	*AP Human Geography S1	<p>PREREQUISITE: 1.0 credit of history The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. The topics studied in an AP Human Geography course should be judged considering the following five college-level goals that build on the National Geography Standards developed in 1994: perspectives in geography, population, cultural patterns and processes; political organization of space; agricultural and rural land use; industrialization and economic development; and cities and urban land use. AP courses are college level courses taken in high school. A national exam is given in May of each year and scored on a 1 to 5 scale. A score of 3, 4, or 5 is considered passing and leads to college credit or advanced placement in most all 4-year colleges and universities. There are over 30 Advanced Placement courses available to DMPS students. Completion of the AP exam is an expectation for all AP courses.</p>

SOC520	*AP Human Geography S2	<p>PREREQUISITE: 1.0 credit of history The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. The topics studied in an AP Human Geography course should be judged considering the following five college-level goals that build on the National Geography Standards developed in 1994: perspectives in geography, population, cultural patterns and processes; political organization of space; agricultural and rural land use; industrialization and economic development; and cities and urban land use. AP courses are college level courses taken in high school. A national exam is given in May of each year and scored on a 1 to 5 scale. A score of 3, 4, or 5 is considered passing and leads to college credit or advanced placement in most all 4-year colleges and universities. There are over 30 Advanced Placement courses available to DMPS students. Completion of the AP exam is an expectation for all AP courses.</p>
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SOC565	*AP Microeconomics	<p>PREREQUISITE: SOC201/SOC202 OR SOC501/SOC502 AP Microeconomics is an introductory college-level course, offered to high school students, that focuses on the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. Students are expected to take the Advanced Placement exam in May.</p>
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TECHNICAL EDUCATION DEPARTMENT

Course #	Course Name	Course Description
TEC101	Exploring Tech Ed S1	<p>PREREQUISITE: NONE This course includes learning experiences in the four technological areas of graphic communications, wood/construction, metals, and drafting. In these four areas students, will develop introductory skills in safety, positive work attitudes, the use of tools, equipment, processes and materials, and the application of basic working skills. These competencies and learning experiences will assist the students in identifying their career goals(s) as it relates to the programs at Central Campus and their home high school.</p>

TEC203	3D Mechanical Dsgn & Dvlpmnt	<p>PREREQUISITE: NONE Students will be introduced to the universal language of the mechanical design and development industry. Students will apply the basic skills such as measurement and problem solving in the areas of lettering, free hand sketching, geometric construction, multiview drawings, pictorial drawing, dimensioning, and section drawings. Students will apply computer aided design and development (CADD) skills to create these drawings. This course is a building block to students who may be enrolling in other Tech Ed courses in high school or programs at Central Campus.</p>
TEC205	3DArchitectural Dsgn & Dvlpmnt	<p>PREREQUISITE: NONE Students will be introduced to the universal language of the Construction Industry. Students will obtain knowledge and skills relating to the various fields of engineering; such as, construction, mechanical, industrial, structural, and civil, as well as, the fields of residential and commercial architecture. Students will apply computer aided design and development (CADD) skills to create construction drawings. Students will find this course helpful if they choose to continue in the CADD program at Central Campus and/or if they choose to continue their education in the fields of Architecture, Construction or Engineering.</p>
TEC207	Metalworking Fundamentals 1	<p>PREREQUISITE: NONE The Career & Technical student will be introduced to basic processes within all manufacturing industries. The students, through classroom, lab and problem solving activities, will develop skills and knowledge in the areas of bench metal (sheet metal, small hand and power tools), machine tools (lathes, grinders, mills, drill presses), and hot metals (gas and arc welding foundry, forging). As the students explore the areas of metalworking, emphasis will be placed on the career opportunities and safety. Students will build upon their skills from academic areas as they use and develop skills relating to measurement, blueprint reading and layout.</p>
TEC209	Metalworking Technology 2	<p>PREREQUISITE: TEC207 This course will build upon the metalworking skills, knowledge and problem solving abilities acquired in Metalworking Fundamentals 1. Through hands-on and problem solving activities the students will develop an understanding of the basic elements of metalworking such as design, planning, producing, and distribution of a manufactured product. Students will be introduced to the use of manufacturing equipment and materials commonly found in industry today including test equipment, robots, lasers, CNC, CAM, and other various computer applications.</p>

TEC211	Into to Construction 1	<p>PREREQUISITE: NONE The Career & Technical student will be introduced to woodworking as a career and/or avocation. Through a variety of hands-on, problem solving projects, students will be introduced to the safe use, care and maintenance of various hand tools, power tools, and stationary equipment. Projects will be produced using a variety of processing techniques and technologies used in the woodworking industry. Students will build upon their skills from other academic areas as they interpret technical information from working drawings, complete board feet calculations and study wood science.</p>
TEC213	Finish Carpentry 2	<p>PREREQUISITE: TEC211 This course will build upon the woodworking skills, knowledge and problem solving abilities acquired in Woodworking Fundamentals 1. The course is designed to provide students with an understanding of technology and its impact on the woodworking industry. Students will continue to work with the CNC equipment in the production of their projects. Other areas of study in this course include topics associated with the construction industry. Students will have the opportunity to explore the impact of technology on the construction industry. Students will continue to build upon their skills from other academic areas as they interpret technical information from a variety of technical sources, calculate materials needed, materials strength and building design.</p>
TEC301	Finish Carpentry 3	<p>PREREQUISITE: TEC213 This advanced course is available to students to continue to develop machine techniques as they construct various projects including cabinets and tables. Individual projects will be developed by the student and teacher together.</p>
TEC302	Finish Carpentry 4	<p>PREREQUISITE: TEC301 This advanced course is available to students to continue to develop machine techniques as they construct various projects including cabinets and tables. Individual projects will be developed by the student and teacher together.</p>
TEC309	Advanced Metals 1	<p>PREREQUISITE: TEC209 This Advanced course is available to students to continue to develop machine techniques as they construct various projects. The individual projects will be designed by the student and teacher together and will involve some power mechanics and CNC machining.</p>
TEC501	*College Intro Engin. Dsgn S1	<p>COREQUISITE: MTH111 (Algebra I) or higher, meets / exceeds proficiency in previous math course or teacher's approval. This is the first year foundation course of the national pre-engineering program, Project Lead the Way. This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer design software.</p>

TEC502	*College Intro Engin. Dsgn S2	COREQUISITE: MTH111 (Algebra I) or higher, meets / exceeds proficiency in previous math course or teacher's approval. This is the first year foundation course of the national pre-engineering program, Project Lead the Way. This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer design software.
TEC503	*College Principles Engin S1	Prerequisite: Meets or Exceeds Proficiency in TEC501/502 (Intro to Engineering Design), or Teacher's Approval CO-REQUISITE: Grade Level or Higher Math Course. This is the second year foundation course in the national pre-engineering program, Project Lead the Way. This course helps students understand the field of engineering. Exploring various manufacturing processes and technologies help students understand how engineers use math, science and technology in problem solving to benefit humans. This course also looks at possible social and political consequences of technology changes.
TEC504	*College Principles Engin S2	Prerequisite: Meets or Exceeds Proficiency in TEC501/502 (Intro to Engineering Design), or Teacher's Approval CO-REQUISITE: Grade Level or Higher Math Course. This is the second year foundation course in the national pre-engineering program, Project Lead the Way. This course helps students understand the field of engineering. Exploring various manufacturing processes and technologies help students understand how engineers use math, science and technology in problem solving to benefit humans. This course also looks at possible social and political consequences of technology changes.

WORLD LANGUAGE DEPARTMENT

Course #	Course Name	Course Description
WL103	French I S1	PREREQUISITE: NONE Students in the first year are introduced to French culture and French-speaking countries. They learn to speak, read, and write in French using simple grammatical structures and basic vocabulary. This vocabulary centers on student interests and everyday activities such as greetings, numbers, family, school, foods, sports, and other hobbies. Acquiring another language requires motivation and individual practice in addition to consistent participation in class activities.

WL104	French I S2	<p>PREREQUISITE: WL103 Students in the first year are introduced to French culture and French-speaking countries. They learn to speak, read, and write in French using simple grammatical structures and basic vocabulary. This vocabulary centers on student interests and everyday activities such as greetings, numbers, family, school, foods, sports, and other hobbies. Acquiring another language requires motivation and individual practice in addition to consistent participation in class activities.</p>
WL111	Spanish I S1	<p>PREREQUISITE: NONE Students in the first year of Spanish are introduced to the culture and geography of the Spanish-speaking world. Much effort is spent on comprehending and speaking Spanish. Proof of comprehension is based on ability to say and/or write what is REQUIRED. Correct usage is taught orally through repetition, pattern drills, and questions. Corresponding written exercises emphasize correct usage. Vocabulary is based on student's interest and activities in daily life such as eating, entertainment, sports, etc. of Hispanic cultures.</p>
WL112	Spanish I S2	<p>PREREQUISITE: WL111 Students in the first year of Spanish are introduced to the culture and language of the Spanish-speaking world. Much effort is spent on comprehending and speaking Spanish. Proof of comprehension is based on ability to say and/or write what is REQUIRED. Correct usage is taught orally through repetition, pattern drills, and questions. Corresponding written exercises emphasize correct usage. Vocabulary is based on student's interest and activities in daily life such as eating, entertainment, sports, etc. of Hispanic cultures.</p>
WL203	French II S1	<p>PREREQUISITE: WL104 or WL117 French II continues to emphasize communication and speaking proficiency. Vocabulary and grammar are more numerous and more complex. Topics include aspects of daily life such as shopping, studying / traveling abroad, French cuisine, castles of France, celebrating holidays, and teenage entertainment. In addition to France, the cultures of other Francophone regions such as West Africa are introduced to show the broad scope of French throughout the world.</p>
WL204	French II S2	<p>PREREQUISITE: WL203 French II continues to emphasize communication and speaking proficiency. Vocabulary and grammar are more numerous and more complex. Topics include aspects of daily life such as shopping, studying / traveling abroad, French cuisine, castles of France, celebrating holidays, and teenage entertainment. In addition to France, the cultures of other Francophone regions such as West Africa are introduced to show the broad scope of French throughout the world.</p>

WL211	Spanish II S1	PREREQUISITE: WL112 or WL115 This course continues the same basic format as Spanish I; however, grammatical concepts and vocabulary become more complex and numerous. In Spanish II students become familiar with approximately 700 vocabulary words consisting of the following themes: food, airport vocabulary, body parts, clothing, store vocabulary, items in a school, items in the home, etc. Grammar includes the present tense, two forms of the past tense, and the near future tense. The cultures of Spanish-speaking countries are also taught. Certain field trips may be taken to Hispanic neighborhoods, stores, and restaurants.
WL212	Spanish II S2	PREREQUISITE: WL211 This course continues the same basic format as Spanish I; however, grammatical concepts and vocabulary become more complex and numerous. In Spanish II students become familiar with approximately 700 vocabulary words consisting of the following themes: food, airport vocabulary, body parts, clothing, store vocabulary, items in a school, items in the home, etc. Grammar includes the present tense, two forms of the past tense, and the near future tense. The cultures of Spanish-speaking countries are also taught. Certain field trips may be taken to Hispanic neighborhoods, stores, and restaurants.
WL213	Heritage Spanish I S1	PREREQUISITE: NONE This course is intended for native speakers of Spanish. The focus is to introduce students to grammatical structures of their first language with an emphasis on spelling, accent use, vocabulary and written Spanish versus spoken Spanish. Cultural topics of the Spanish-speaking world will be integrated via reading, writing, listening and speaking activities.
WL214	Heritage Spanish I S2	PREREQUISITE: WL213 This course is intended for native speakers of Spanish. The focus is to introduce students to grammatical structures of their first language with an emphasis on spelling, accent use, vocabulary and written Spanish versus spoken Spanish. Cultural topics of the Spanish-speaking world will be integrated via reading, writing, listening and speaking activities.
WL303	French III S1	PREREQUISITE: WL204 or WL218 Much of French III is aimed at increasing the student's proficiency and confidence in speaking, reading, writing, and listening comprehension in French, as well as deepening the student's knowledge of Francophone cultures. Oral presentations, written essays, readings, and attention to current events all aid students in both reviewing grammatical concepts and approaching more advanced features of the language.
WL304	French III S2	PREREQUISITE: WL303 Much of French III is aimed at increasing the student's proficiency and confidence in speaking, reading, writing, and listening comprehension in French, as well as deepening the student's knowledge of Francophone cultures. Oral presentations, written essays, readings, and attention

		to current events all aid students in both reviewing grammatical concepts and approaching more advanced features of the language.
WL311	Spanish III S1	PREREQUISITE: WL212 or WL216 Spanish III reinforces and extends previously learned skills. Activities will provide a review and expansion of grammar usage, listening, speaking, reading, writing, and cultural awareness. Communicative skills are strengthened through practice and applications.
WL312	Spanish III S2	PREREQUISITE: WL311 Spanish III reinforces and extends previously learned skills. Activities will provide a review and expansion of grammar usage, listening, speaking, reading, writing, and cultural awareness. Communicative skills are strengthened through practice and applications.
WL317	Heritage Spanish II S1	PREREQUISITE: WL214 Spanish for Heritage Learners II is a course tailored to meet the needs of students who have had exposure to Spanish in the home/community and who need to advance their Spanish skills in different ways than students who are learning Spanish as a second language. The Spanish for Heritage Speakers class will provide Spanish-speaking students the opportunity to take their unique prior knowledge of Spanish and further explore fluency and bilingualism. The class will explore big ideas/issues related to Spanish speaking students by reading, writing, listening and speaking the Spanish language. Students will also be encouraged to feel pride in their abilities to speak Spanish and will explore ways they can use their bilingual skills in the future.
WL318	Heritage Spanish II S2	PREREQUISITE: Spanish for Heritage Learners II is a course tailored to meet the needs of students who have had exposure to Spanish in the home/community and who need to advance their Spanish skills in different ways than students who are learning Spanish as a second language. The Spanish for Heritage Speakers class will provide Spanish-speaking students the opportunity to take their unique prior knowledge of Spanish and further explore fluency and bilingualism. The class will explore big ideas/issues related to Spanish speaking students by reading, writing, listening and speaking the Spanish language. Students will also be encouraged to feel pride in their abilities to speak Spanish and will explore ways they can use their bilingual skills in the future.

WL515	*AP Spanish IV S1	<p>PREREQUISITE: WL312 or WL315 AP Spanish presents an in-depth review of grammatical structures. Communicative skills are expanded to include analysis, synthesis, and elaborate opinions. Appreciation of, awareness of, and respect for Hispanic cultures are expanded through multiple genres. Self-motivation is necessary as this course is college preparatory and challenging. The course prepares students to demonstrate their level of Spanish proficiency across three communication modes: Interpersonal, Interpretive, and Presentational. Communicative skills are expanded to include analysis, synthesis and elaborate opinions. Appreciation of, awareness of, and respect for Hispanic cultures are expanded through multiple genres. Intrinsic motivation is necessary as this course is college preparatory and challenging. Completion of the AP exam is an expectation for all AP courses.</p>
WL516	*AP Spanish IV S2	<p>PREREQUISITE: WL515 AP Spanish presents an in-depth review of grammatical structures. Communicative skills are expanded to include analysis, synthesis, and elaborate opinions. Appreciation of, awareness of, and respect for Hispanic cultures are expanded through multiple genres. Self-motivation is necessary as this course is college preparatory and challenging. The course prepares students to demonstrate their level of Spanish proficiency across three communication modes: Interpersonal, Interpretive, and Presentational. Communicative skills are expanded to include analysis, synthesis and elaborate opinions. Appreciation of, awareness of, and respect for Hispanic cultures are expanded through multiple genres. Intrinsic motivation is necessary as this course is college preparatory and challenging. Completion of the AP exam is an expectation for all AP courses.</p>
WL517	*AP Spanish V S1	<p>PREREQUISITE: WL516 or WL412 or WL420 AP Spanish presents an in-depth review of grammatical structures. Communicative skills are expanded to include analysis, synthesis, and elaborate opinions. Appreciation of, awareness of, and respect for Hispanic cultures are expanded through multiple genres. Self-motivation is necessary as this course is college preparatory and challenging. The course prepares students to demonstrate their level of Spanish proficiency across three communication modes: Interpersonal, Interpretive, and Presentational. Communicative skills are expanded to include analysis, synthesis and elaborate opinions. Appreciation of, awareness of, and respect for Hispanic cultures are expanded through multiple genres. Intrinsic motivation is necessary as this course is college preparatory and challenging. Completion of the AP exam is an expectation for all AP courses.</p>

WL518	*AP Spanish V S2	<p>PREREQUISITE: WL517 AP Spanish presents an in-depth review of grammatical structures. Communicative skills are expanded to include analysis, synthesis, and elaborate opinions. Appreciation of, awareness of, and respect for Hispanic cultures are expanded through multiple genres. Self-motivation is necessary as this course is college preparatory and challenging. The course prepares students to demonstrate their level of Spanish proficiency across three communication modes: Interpersonal, Interpretive, and Presentational. Communicative skills are expanded to include analysis, synthesis and elaborate opinions. Appreciation of, awareness of, and respect for Hispanic cultures are expanded through multiple genres. Intrinsic motivation is necessary as this course is college preparatory and challenging. Completion of the AP exam is an expectation for all AP courses.</p>
WL523	*AP Spanish Literature S1	<p>Prerequisite: WL 515 or higher or Heritage language learner. The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American and United States Hispanic literature. Students continue to develop proficiencies across the full range of the modes of communication (interpersonal, presentational, and interpretive), honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, and literary criticism). By the end of the year, students should be able to communicate at the Advanced Level (per the ACTFL Proficiency Guidelines).</p>
WL524	*AP Spanish Literature S2	<p>Prerequisite: WL 515 or higher or Heritage language learner. The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American and United States Hispanic literature. Students continue to develop proficiencies across the full range of the modes of communication (interpersonal, presentational, and interpretive), honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, and literary criticism). By the end of the year, students should be able to communicate at the Advanced Level (per the ACTFL Proficiency Guidelines).</p>