

**Santa Teresa High School
2010-2011**



Students of Santa Teresa High School:
Discover Your Future!

Course Descriptions

New State Graduation Requirements

Being proficient on the 11th grade SBA is the new requirement for graduation. This is a standards Based Assessment. To be prepared for the proficiency designation, students will need to be enrolled in the following courses at the beginning of their third year in high school:

- English III (with credit for English I and English II)
- Algebra II (with credit for Algebra I and Geometry)
- One of the following- Biology, Chemistry, or Physics (With credit for integrated Science I and II).
- World History (With credit for American Government, and U.S. History)
- New Mexico History is required (1/2 credit)
- To Be eligible for graduation, one for the following needs to be completed- an AP course, an online course, an honors course or a dual credit course.

Regular Education

The Gadsden Independent School District specifies graduation requirements for all students. These requirements meet and in some instances exceed the requirements specified in the New Mexico Standards for Excellence.

Graduating classes of 2011 & 2012 (all current juniors and seniors): must successfully complete the following core requirements:

1. Four (4) credits in English
 - a. English 1 – 1 credit
 - b. English 2 – 1 credit
 - c. English 3 – 1 credit
 - d. English 4 – 1 credit
2. Three (3) credits in Mathematics, at least one of which is equivalent to Algebra I or higher
 - a. Algebra 1
 - b. Geometry
 - c. Algebra 2
3. Three (3) credits in Science, one of which must have a laboratory component
 - a. Integrated Science 1
 - b. Integrated Science 2
 - c. Integrated Biology 2 or Integrated Physics 3 or Integrated Chemistry 3
4. Four (4) credits in Social Sciences
 - a. U.S. Governments/Economics - 1 credit
 - b. United States History/Geography - 1 credit
 - c. World History/Geography 1 credit
 - d. New Mexico History and Geography 1 credit
5. One (1) credit in Physical Education
6. One (1) credit in Communication Skills.

Additionally, students enrolled at Desert Pride Academy, Gadsden High School, Santa Teresa High School and Chaparral High School are required to complete eight (8) electives for a total of twenty-six (26) credits.

Graduating classes of 2013 and thereafter (all current freshman): must successfully complete the following requirements:

1. Four (4) credits in English
 - a. English 1 – 1 credit
 - b. English 2 – 1 credit
 - c. English 3 – 1 credit
 - d. English 4 – 1 credit
2. Three (3) credits in Mathematics, at least one of which is equivalent to Algebra I or higher
 - a. Algebra 1
 - b. Geometry
 - c. Algebra 2
 - d. Math Elective
3. Three (3) credits in Science, one of which must have a laboratory component
 - a. Integrated Science 1
 - b. Integrated Science 2
 - c. Integrated Biology 3 or Integrated Physics 3 or Integrated Chemistry 3
4. Four (4) credits in Social Sciences
 - a. U.S. Governments/Economics - 1 credit
 - b. United States History/Geography - 1 credit
 - c. World History/Geography 1 credit
 - d. New Mexico-History and Geography 1 credit
5. One (1) credit in Physical Education
6. One (1) in a career cluster course /Career Communications/Foreign Language Level 3

Students entering as ninth graders in 2009-10 are required to earn at least one (1) credit in either an advanced college placement course or an honors course, a dual credit course offered by a college, or a distance learning course. Additionally, students enrolled at Desert Pride Academy, Chaparral High School, Gadsden High School, and Santa Teresa High School are required to complete seven (7) electives for a total of twenty-six (26) credits.

Required Course Descriptions

Title	Course #	Prerequisite/Grade	Course Description
English Courses			
English I	10014144 10021252	None Grades 9, 10, 11, 12	Build on your prior knowledge of good writing elements, especially word choice and conventions, to create narrative, expository, persuasive, and analytical/evaluative essays. Examine the elements of persuasion used in the media. Use reading, writing, speaking, and listening to explore the major genres and themes of literature.
English 1	10634154	Bilingual Department or Teacher Recommendation Grades 9, 10, 11, 12	Use language to expand your communication skills and increase our proficiency in English. Instruction in language skills will integrate listening, speaking, reading and writing while placing great emphasis on individual progress. These courses meet graduation requirements and credit.
Honors English I	10015144	Teacher or Counselor Recommendation Grades 9, 10-, 11, 12	Students will learn researched based strategies to improve their reading comprehension, develop skills to determine the author's intent and themes, and recognize the techniques employed by the author. Students will write persuasive and critical thematic essays and a research paper.
English 2	10024144 10022252	English 1 or Honors English 1 Grades 9, 10, 11, 12	Learn the aim of information and argumentative writings and apply to your own writing of problem/solution, argumentative and critical essays. Study literature developing skills to determine the author's intent. Apply learned techniques to own writing.
English 2	10634144	Bilingual Department or Teacher Recommendation Grades 9, 10, 11, 12	Use language to expand your communication skills and increase our proficiency in English. Instruction in language skills will integrate listening, speaking, reading and writing while placing great emphasis on individual progress. These courses meet graduation requirements and credit.
Honors English 2	10025144	English 1 or Honors English 1 Teacher or Counselor Recommendation Grades 9, 10	As described in English 2, formulating critical questions to analyze and evaluate the alternate aims, audiences and techniques of literary, informational, and argumentative writings; write essays/give presentations. Work independently on research project.
English 3	10034145 10032153	English 2 or Honors English 2 Grades 9, 10, 11, 12	Continue to develop your writing and speaking skills, using clear, logical thinking, word choice, voice, and correct usage to write analytical and argumentative essays. Learn the techniques of writing research papers. Read and critically analyze works of literature, focusing on literary conventions and stylistic devices, in order to gain meaning, develop thematic connections, and synthesize ideas.
English 3	10634145	Bilingual Department or Teacher Recommendation Grades 9, 10, 11, 12	Use language to expand your communication skills and increase our proficiency in English. Instruction in language skills will integrate listening, speaking, reading and writing while placing great emphasis on individual progress. These courses meet graduation requirements and credit.
Honors English 3	10035145	English 2 or Honors English 2 Teacher or Counselor Recommendation Grades 9, 10, 11	In addition to English 3, you will develop a literature research project that compares and contrasts stylistic features of different works, using literary criticism for support. Preparation for the PSAT and/or the AP English Language and Composition test.
English 4	10044145 10042153	English 3 Grades 10, 11, 12	Continue to develop your writing and speaking skills, using clear, logical thinking, word choice, voice, and correct usage to write analytical and argumentative essays. Learn the techniques of writing research papers. Read and critically analyze works of literature, focusing on literary conventions and stylistic devices, in order to gain meaning, develop thematic connections, and synthesize ideas.
English 4	10634135	Bilingual Department or Teacher Recommendation Grades 9, 10, 11, 12	Use language to expand your communication skills and increase our proficiency in English. Instruction in language skills will integrate listening, speaking, reading and writing while placing great emphasis on individual progress. These courses meet graduation requirements and credit.
Honors English 4	10045145	English 3 or Honors English 3 Teacher or Counselor Recommendation Grades 10, 11, 12	In addition to doing what is described above under English 3, you will develop a literature research project that compares and contrasts stylistic features of different works, using literary criticism for support. Preparation for the PSAT and/or the AP English Language and Composition test may be included.
Career Communication	10744255 10742152	English 1, English 2 Grades 10, 11, 12	Learn communication skills—reading, writing, speaking, and listening—with application to real-life situations in the world of work and study beyond high school. Write resumes, applications, business letters, and other practical forms. Give effective speeches and presentations. [EITHER THIS COURSE OR LEVEL 3 OF A FOREIGN LANGUAGE CAN FULFILL COMMUNICATION SKILLS REQUIREMENT.] (NM 22-13-1.1 of the New Mexico Statutes)

Math Courses			
Ramp-Up to Algebra 1 (2 credits)	20084113 20214113	None Counselor Recommendation Only Grade 9 only	Improve your math ability and get ready for Algebra 1.
Algebra I	20314131 20312111	None Grades 9, 10, 11, 12	Study the properties and operations of the real number system; evaluate rational algebraic expressions; solve and graph first degree equations and inequalities; translate word problems into equations; factor polynomials; and solve simple quadratic equations.
Honors Algebra I	20315131	Teacher or Counselor Recommendation/ Grades 9, 10, 11, 12	This course is a rigorous study of Algebra 1. The study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.
Geometry	20344130 20342110	Algebra I Grades 9, 10, 11, 12	Abstract, formal approach to study properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system; rules of congruence, similarity, parallelism, and perpendicularity, and rules of angle measurement in triangles.
Honors Geometry	20345133	Algebra I Teacher or Counselor Recommendations Grades 9, 10	As described in Geometry, as well as enhance your knowledge by exploring topology, focus, and non-Euclidean geometries.
Algebra 2	20414130 20412110	Geometry or Honors Geometry Grades 9, 10, 11, 12	Learn field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; the complex number system; graphing of constant, linear, and quadratic equations; conic sections; properties of higher degree equations and operations with rational and irrational exponents.
Honors Algebra 2	20415133	Geometry or Honors Geometry Teacher or Counselor Recommendations Grades 9, 10, 11, 12	In addition to Algebra 2, enhance your knowledge through exploration of polynomial, logarithmic, and exponential functions, relations, and their graphs; elementary probability and statistics; matrices and determinants; and sequences and series.
AP Calculus AB	20585923	Teacher or Counselor Recommendation Grades 11, 12	Learn the concepts of calculus and experience its methods and applications. Study elementary functions, properties of functions; and their graphs; limits and continuity; differential calculus and integral calculus.
Honors Trigonometry	20435923	Teacher or Counselor Recommendation, Grades 11, 12	Study the complex number system; enhance your knowledge through exploration of polynomial, logarithmic and exponential functions, relations and their graphs; transformations; study of trigonometric and circular functions; their inverses and graphs; trigonometric identities and equations
AP Statistics	20605100	Teacher or Counselor Recommendation/ Grades 11, 12	Introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns and statistical inference. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.
Science Courses			
Integrated Science I	17414113 17412113	None Grades 9, 10, 11, 12	Use scientific processes, technology, and reasoning to investigate properties and structure of matter; energy transformation and transfer; motion; ecosystems; cell structure and function; energy in earth systems; and geochemical cycles.
Honors Integrated Science I	17415113	Algebra I Teacher or Counselor Recommendations Grades 9, 10, 11, 12	Use scientific processes, technology, and mathematical reasoning to investigate properties and structure of matter; energy transformation and transfer; motion; ecosystems; cell structure and function; energy in earth systems; and geochemical cycles. Develop, conduct, and share individual experiments to investigate concepts and topics in depth.
Integrated Science 2	17414114 17412114	Integrated Science 1 Grades 9, 10, 11, 12	Use scientific processes, technology, and reasoning to investigate chemical reactions; waves; biodiversity; genetics, biological evolution; characteristics and evolution of earth; and scale and contents of the universe.
Honors Integrated Science 2	17415114	Integrated Science 1 Teacher or Counselor Recommendation Grades 9, 10	Use scientific processes, technology, and mathematical reasoning to investigate chemical reactions; waves; biodiversity; genetics and biological evolution; characteristics and evolution of earth; and scale and contents of the universe. Develop, conduct, and share individual experiments to investigate concepts and topics in depth.
Integrated Science 3 - Chemistry	17214124	Integrated Science 2, Algebra I Grades 10, 11, 12	Explore and extend chemistry concepts and topics studied in Integrated Science 1 and 2.

Honors Integrated Science 3-Chemistry	17235914	Integrated Science 2, Algebra I Teacher or Counselor Recommendation Grades 10, 11, 12	Chemistry concepts at a college level. Develop, conduct, and share individual experiments to investigate concepts and topics in depth. Technology is integrated in this course. Highly recommended students taking AP Chemistry enroll in this course.
Integrated Science 3- Physics	17314114	Integrated Science 2, Algebra 2 Grades 10, 11, 12	Explore and extend physics concepts and topics studied in Integrated Science 1 and 2.
Honors Integrated Science 3- Physics	17335914	Integrated Science 2, Algebra 2 Teacher or Counselor Recommendation Grades 10, 11, 12	Physics concepts at a college level. Develop, conduct, and share individual experiments to investigate concepts and topics in depth. Technology is integrated in this course. It is strongly recommended that students who wish to take AP Physics enroll in this course.
Integrated Science 3- Biology	17114114 17112113	Integrated Science 2 Grades 9,10,11,12	Explore and extend biological concepts and topics studied in Integrated Science 1 and 2.
Honors Integrated Science 3- Biology	17125914	Integrated Science 2 Teacher or Counselor Recommendation Grades 9, 10, 11, 12	Advanced Biology is the first semester course in preparation for the Advanced Placement Biology test. AP Biology is a demanding, college level course that includes the study of molecules and cells; genetics and biological evolution; and organisms and populations. The course includes virtual and hands-on laboratory experiments.
Social Studies Courses			
US Government and Economics	27394142 27392142	None Grades 9, 10, 11, 12	Prepare to be informed citizens. Study the structure of national, state and local U.S. government, the principles of market economics, and discuss contemporary U.S. issues.
Honors US Government and Economics	27395142	Teacher or Counselor Recommendation Grades 9, 10, 11, 12	As described above under U.S. Government and Economics, as well as research to create projects that enhance your experience of the national, state, and local U.S. government with an overview of the principles of market economics and contemporary U.S. issues.
U.S. History Geography	27294142 27292142	None Grades 9, 10, 11, 12	Examine the history and impact of major eras, events, and individuals in United States History since the Civil War and Reconstruction. Included within this course is U.S. Geography to support geographical concepts as they relate to the understanding of the development of the United States.
Honors U.S. History Geography	27295141	Counselor or Teacher Recommendation Grades 9, 10, 11, 12	As described above under U.S. History, as well as research to create projects that enhance your experience of history/geography. Strongly recommended for students who are considering AP US History.
AP US History	27255941	Teacher or Counselor Recommendation Grades 9, 10, 11, 12	Prepares students for AP exam in U.S. history and provides students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. Students learn to assess historical materials, and to weigh the evidence and interpretations presented in historical scholarship. Course examines time periods from discovery and settlement of the New World through the recent past.
World History Geography	27064142/ 27062142	None Grades 9, 10, 11, 12	Learn field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; the complex number system; graphing of constant, linear, and quadratic equations; conic sections; properties of higher degree equations and operations with rational and irrational exponents.
Honors World History Geography	27065142	Counselor or Teacher Recommendation Grades 9, 10, 11, 12	This course involves an in-depth study of World History and examines the economic, political, social and cultural similarities and differences among the major civilizations of the world. Major focus begins with the Renaissance and Scientific Revolution. This course carries the study of world history to the present day. Emphasis is placed on the utilization of outside resources, higher order thinking skills and writing.
New Mexico History	27174142 27172142	None Grades 9, 10, 11, 12	Become more knowledgeable and aware of the cultural, economic, and political history of New Mexico and its geographical connections. Analyze the role that New Mexico plays in national and international arenas.
Other Required Courses			
Physical Education I	23054110 23052110	None Grades 9,10,11,12	Participate in various physical activities to help develop fitness and personal health awareness.
Electives			
Spanish Non-Native Speaker 1	12524101/ 12522101	None/ Grades 9, 10, 11, 12	Learn the basic skills-listening, speaking, reading, and writing-and the basic structures of Spanish within a cultural context, with emphasis placed on oral and written communication skills.

Spanish Native Speakers 1	12714101 12712101	None Grades 9,10,11,12	Reinforce, support, and, enhance your native speaking knowledge. Also, learn Spanish grammar through literature and composition. Taught in Spanish ONLY.
Spanish for Native Speakers 2	12724101 12742101	Spanish Native Speakers 1/ Grades 9,10,11,12	Reinforce and expand your native-speaker knowledge of the Spanish language, with emphasis on the study of Spanish grammar through literature and composition. Taught in Spanish ONLY.
Honors Spanish 3	12735101	Spanish Non-Native Speaker 2, Spanish Native Speaker 2, or Advanced Spanish 3/ Grades 10, 11, 12	Continue to develop communicative skills, with an emphasis on sustained communication, both oral and written. Enhance your appreciation for the culture of Spanish speaking countries, while experiencing the use of Spanish both in classroom management and in teaching concepts. Taught in Spanish ONLY.
Advanced Spanish for Native Speakers 3	12734101 12732101	Spanish Native Speakers 2 Grades 9, 10, 11, 12	Develop your advanced home/heritage language skills (reading, writing, listening and speaking) using literature, composition, public speaking, performance, and presentation. Study the cultures and traditions related to the target language at the regional, national and international levels. Taught in Spanish ONLY
Spanish 4	12554101	Spanish 3 Grades 9, 10, 11, 12	Course promotes oral and written communication. Selected readings in Hispanic literature, culture, and current events will be the focus.
Honors Spanish 4	12555101	Honors Spanish 3 or Adv. Spanish for Native 3 Teacher or Counselor Recommendation Grades 10, 11, 12	Continue to develop your advanced home/heritage language skills (reading, writing, listening and speaking) using literature, composition, public speaking, performance, and presentation. Study the cultures and traditions related to the target language at the regional, national and international levels. Taught in Spanish ONLY
AP Spanish Language	12024101	Teacher or Counselor Recommendation Grade 12	Course is designed to parallel third year college level courses in this category build upon prior knowledge and develop students' ability to understand others and express themselves (in Spanish) accurately, coherently, and fluently in both formal and informal situations. Upon completing course, students will develop a large vocabulary to understand literary texts, magazine/newspaper articles, films and television productions. Prepare students for the optional Advanced Placement Exam.
French 1	12364101	None Grades 9, 10, 11, 12	Develop basic communication skills—listening, speaking, reading, and writing— with the emphasis on oral communication skills. Learn the basic structure of the French language within the cultural context, and become aware of possible careers through the emphasis on the importance of French in the world.
French 2	12374101	French 1 Grades 9, 10, 11, 12	Continue to develop communicative skills with an emphasis on sustained communication, both oral and written, and enhance your appreciation of the French culture, using French to a greater degree in the classroom.
Honors French 3	12385101	French 2 Teacher or Counselor Recommendation Grades 10, 11, 12	Continue to develop communicative skills and an appreciation of supplementary materials in literature, history, geography, and fine arts. Learn to manipulate the language through creative and expository writing, with an emphasis placed on cultural issues and the use of French in the classroom. Strongly recommended for students who are considering taking AP French.

Program for the Acquisition of Language (PAL)

Title	Course #	Prerequisite/Grade	Course Description
English Listening, Understanding & Speaking	10623810	Bilingual Department or Counselor Recommendation Grades 9, 10, 11, 12	Develop listening skills through conversational activities and increase your English speaking proficiency.
English Speaking & Writing	10623851	Bilingual Department or Counselor Recommendation Grades 9, 10, 11, 12	Develop your English speaking skills through activities, which emphasize extended conversational skills. Also, learn to write sentences and place them in the context of a paragraph
English for Content	10623852	Bilingual Department or Counselor Recommendation Grades 9, 10, 11, 12	Develop the basic vocabulary necessary for listening, understanding, speaking, reading, and writing the terminology used in content area courses.

Career Cluster: Architecture and Construction

Program of Study: Construction

Certification: NCCER

Year 1		Year 2		Year 3		Year 4	
Pathway Elective: Introduction to Construction		Pathway Elective: Construction 1		Pathway Elective: Construction 2		Pathway Elective: Construction 3 Recommended Elective: Construction OJT	
Title	Course #	Prerequisite/Grade	Course Description				
Introduction to Construction	04147257	None/ Grades 9, 10, 11	Gain an understanding of wood grades and construction methods, and learn skills such as laying sills and joists; erecting sills and rafters; applying sheathing, siding, and shingles; setting door jambs; and hanging doors. You may also gain skills for rough construction, finish work, or both. Learn to read blueprints, draft, use tools and machines properly and safely, erect buildings from construction lumber, perform finish work inside of buildings, and do limited cabinet work, while doing career exploration and gaining good work habits and employability skills.				
Construction 1	04027237	Introduction to Construction/ Grades 10,11, 12	Learn construction of commercial, residential, and institutional structures and gain experiences and information (typically including career opportunities and training requirements) about construction-related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance. Note: Membership in Skills America USA Club required.				
Construction 2	04157257	Construction 1/ Grades 11, 12	Gain much of the same knowledge as general carpentry courses (knowledge of various types and grades of woods, proper and safe use of hand and power tools, site selection and preparation), but with a special emphasis on construction methods applicable to floor, wall, roof, and/or stair framing, and, possibly, insulation installation and painting. Note: Membership in Skills America USA Club required.				
Construction 3	04157237	Construction 2/ Grades 12	Take a specialized course concerned with building construction or carpentry. All course work focuses upon a particular skill or set of skills related to one sub-topic, such as Floor Framing, Wall and Partition Framing, Interior Finishing, or Exterior Finishing. Upon completion you will have the opportunity to earn industry-recognized certification. Note: Membership in Skills America USA Club required.				
Work Experience	16067230	Construction 2, Teacher and Career Counselor Approval/ Grade 12	Apply and improve your workplace skills and pathway knowledge on the job. Job must be in the construction industry. Note: Membership in Skills America USA Club required.				

Career Cluster: Architecture and Construction

Program of Study: Design & Pre-Construction

Certification: NCCER

Year 1		Year 2		Year 3		Year 4	
Pathway Elective: Introduction to Drafting		Pathway Elective: Drafting 1		Pathway Elective: Drafting 2		Pathway Elective: Drafting 3 Recommended Elective: Drafting OJT	
Title	Course #	Prerequisite/Grade	Course Description				
Introduction to Drafting	07024151	None/ Grades 9, 10, 11	Gain a hands-on experience with AUTO CAD (computer-aided design software). Spend a significant amount of time on measurement in American standard, engineering, and metric systems. You will be able to work at a basic level in AUTO CAD upon completion of the course.				
Drafting 1	07037251	Introduction to Drafting/ Grades 10,11, 12	Use more advanced applications of the AUTO CAD software. Create a working set of residential drawings, to include, but not limited to, Site Plan, Foundation Plan, Floor Plan, Roof Framing Plan, Electrical Plan, Sections and Details. Note: Membership in Skills America USA Club required.				
Drafting 2	07037231	Drafting 1,/ Grades 11, 12	Acquaint yourself further with drawings, with the inclusion of presentation drawings, in order to sell a project more readily to an owner or a financial institution. Work on projects including real situations from the home or the district. Note: Membership in Skills America USA Club required.				

Drafting 3	07077321	Drafting 2,/ Grades 11, 12	Individually focus on a special topic or with an industry-specific need. Note: Membership in Skills America USA Club required.
Work Experience	16067230	Drafting 2, Teacher and Career Counselor Approval/ Grade 12	Apply and improve your workplace skills and pathway knowledge on the job. Job must be in the construction/architecture industry. Note: Membership in Skills America USA Club required.

Career Cluster: Business Management and Administration

Program of Study: Administrative and Information Support

Certification: Microsoft Office Suite (MOS)

Year 1		Year 2		Year 3		Year 4	
Pathway Elective: General Computer Applications		Pathway Elective: Business Computer Applications 1 Recommended Elective: Business Law		Pathway Elective: Business Computer Applications 2		Pathway Elective: Business Computer Applications 3 Recommended Elective: Business OJT	
Title	Course #	Prerequisite/Grade	Course Description				
General Computer Applications	03024155	None/ Grades 9, 10, 11, 12	Learn the proper use of previously written software packages. Explore a wide range of applications, including (but not limited to) word processing, spreadsheet, graphics, and database programs, as well as (possibly) electronic mail and desktop publishing. Work on exercises and problems from any field, or define your own.				
Business Computer Applications 1	02027255	None/ Grades 10,11, 12	Explore and understand the duties and responsibilities most common in today's offices and gain knowledge of communication skills, information management, electronic media transmission, transcription, telephone etiquette, and computer applications that include Word and Excel.				
Business Computer Applications 2	03037255	Business Computer Applications 1/ Grades 11, 12	Use previously written software packages properly. Explore wide ranges of applications, including (but not limited to) PowerPoint and Access. Study more advanced topics, such as electronic mail, desktop publishing, and telecommunications. Do exercises and problems that are specifically business related.				
Business Computer Applications 3	03037235	Construction 2/ Grades 12	Complete projects using computer applications, including word-processing, spreadsheets, database, presentation software, and Internet. Depending on certification sought, course may cover Office 2003, Advanced Course or IC3.				
Business Law	02504153	None/ Grade 10, 11, 12	Explore the history and philosophy of law focusing on topics affecting students as future business leaders and employees, such as contracts, forms of business, credit, consumer protection, and constitutional rights and responsibilities. Investigate laws affecting minors and their families, and participate in a classroom mock trial demonstrating how a courtroom works.				
Business OJT	02977230	Business Computer Application 2/ Teacher & Career Counselor Approval	Apply and improve your workplace skills and pathway knowledge on the job. Job must be in the business administration industry.				

Career Cluster: Education and Training

Program of Study: Teacher/Training

Certification: ParaPro

Year 1		Year 2		Year 3		
Pathway Elective: Child Development		Pathway Elective: Teacher Cadet 1 Teacher Cadet 2		Pathway Elective: Teacher Cadet 3 Recommended Elective: Educational OJT		
Title	Course #	Prerequisite/Grade	Course Description			
Child Development	05057252	None/ Grades 9, 10, 11, 12	Learn about the physical, mental, emotional, and social growth and development of children from conception to preschool age. Discover what parental responses the various stages require. In addition, study related topic, such as the prenatal and birth process; responsibilities and difficulties of parenthood; fundamentals of children's emotional and physical development; and appropriate care of infants, toddlers, and young children.			

Teacher Cadet 1	25347253	Child Development/ Grades 11, 12	Interested in a career in teaching? Prepare to teach and guide others. Learn to develop teaching objectives, design lesson plans, and experience teaching in a controlled environment. Examine and practice teaching strategies, learning styles, time management and planning strategies, presentation and questioning skills, classroom management, and evaluation techniques.
Teacher Cadet 2	25337253	Teacher Cadet 1/ Grades 11, 12	Learn the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. Learn about classroom management, student behavior, leadership and human relations skills, assessment of student progress, and various teaching techniques. Also, have the opportunity to assist teachers at an elementary school or preschool.
Teacher Cadet 3	25337233	Teacher Cadet 2/ Grades 11, 12	Learn the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. Learn about classroom management, student behavior, leadership and human relations skills, assessment of student progress, and various teaching techniques. Also, have the opportunity to assist teachers at an elementary school or preschool. Intensive program that consists of two consecutive class periods.
Educational OJT	25977260	Teacher Cadet 2, Teacher and Career Counselor Approval/ Grade 12	Apply and improve your workplace skills and pathway knowledge on the job. Job must be in the educational field.

Career Cluster: Hospitality and Tourism
Program of Study: Restaurant and Food Services
Certification: Pro Start & Safe Serve

Year 1		Year 2		Year 3		Year 4	
Pathway Elective: Nutrition		Culinary Arts 1		Pathway Elective: Culinary Arts 2		Pathway Elective: Culinary Arts 3 Recommended Elective: Culinary Arts Work Experience	
Title	Course #	Prerequisite/Grade	Course Description				
Nutrition 1	05044152	None/ Grades 9, 10, 11, 12	Take advantage of the opportunity to study the composition, structure, and properties of foods and the chemical changes that occur during processing, storage, preparation, and consumption. Explore the effects of various materials, microorganisms, and processes on food products through a laboratory approach. You may learn about career opportunities in the food service industry, but this course is not career related.				
Culinary Arts 1	05087252	Nutrition 1/ Grades 10,11, 12	This is the entry level course for students who are interested in a career in the Restaurant/Food Services Industry. You will learn about nutrition, healthy eating, and the preparation and service of food in an industry setting. This course will focus on how to prepare food on a large scale, how to preserve food nutrients throughout the food preparation process, and how to use and care for commercial cooking equipment. Additionally, information on how to properly store food, and maintain food service sanitation will be covered.				
Culinary Arts 2	05327253	Culinary Arts 1/ Grades 11, 12	Explore your interest in the hospitality/food service industry by studying successful customer relations, safety and sanitation, food cost controls, accounting, and menu design to create weekly menus for catering or other entrepreneurial projects. Work independently in the lab and do research on the industry.				
Culinary Arts 3	05327233	Culinary Arts 2/ Grades 11,12	Study entrepreneurship, managerial techniques, catering, plate presentation, purchasing, inventory, and teamwork, using in-depth culinary skills and techniques, through operation of the on-campus restaurant and catering operation. Students who complete the program and pass the national exam leave high school with national certification. Intensive program that consists of two consecutive class periods				
Work Experience	16067230	Culinary Arts 1, 2, Teacher and Career Counselor Approval/ Grade 12	Apply and improve your workplace skills and pathway knowledge on the job. Job must be in the culinary arts field.				

Career Cluster: Manufacturing
Program of Study: Manufacturing Technology
Certification: WIN Certification

1 st and 2 nd year		3 rd year		4 th year	
Pathway Elective: Drafting 1		Pathway Elective: Bridge 1: Blueprint Reading Bridge 2: Industrial Electricity Bridge 3: General Technology Education Bridge 4: Materials and Processes		Pathway Elective: Bridge 5: Manufacturing Systems Bridge 6: Technology Education OJT: Work Experience	
Title	Course #	Prerequisite/Grade	Course Description		
Introduction to Drafting	07024151	None/ Grades 9, 10, 11, 12	Gain a hands-on experience with AUTO CAD (computer-aided design software).		
Bridge1: Blueprint Reading	02027255	Enrolled at DACC Manufacturing Technology	Gain the knowledge and ability to interpret the lines, symbols, and conventions of drafted blueprints specific to the manufacturing industry.		
Bridge2: Industrial Electricity	04449254	Enrolled at DACC Manufacturing Technology/ Grades 11,12	Explore many of the same topics as Electricity – Comprehensive courses. In Industrial Electricity apply the knowledge and skills gained particularly to the electrical systems used in industry. Because of this emphasis, you may also learn about installation of transformers and control devices, emergency generator systems, and other industrial applications as course topics.		
Bridge 3: General Technology Education	16119254	Enrolled at DACC Manufacturing Technology	Learn about tools, machines, processes, and systems encountered in manufacturing-related occupations; develop manual skills to use these tools in a variety of applications; and explore technology use in manufacturing products, transporting goods and people, effective communication, and efficient energy conversion. Work on drawing and planning, electricity, metalwork, plastics, power technology, general safety and careers.		
Bridge 4: Materials and Processes	16129254	Enrolled at DACC Manufacturing Technology	Learn about the tools, machines, and systems that encountered in manufacturing-related occupations. Course emphasis is in the analysis, testing, and processing of metals, plastics, woods, ceramics, and composite materials.		
Bridge 5: Manufacturing Systems	16249254	Enrolled at DACC Manufacturing Technology	Learn how materials are processed and transformed using various methods. Processing techniques covered may include casting, forming, separating, assembling, and finishing. Also, study management techniques in planning, organizing, and controlling various segments of the manufacturing process, including design, engineering, production, and marketing.		
Bridge 6: Technology Education	16959254	Enrolled at DACC Manufacturing Technology	Learn the skills and knowledge necessary or useful for particular occupations or technologies within an industrial or technological field. Particular topics and skills, or their applications, covered in these courses may vary with the occupation or technology.		
Work Experience	16067230	3 Bridge Courses Completed, Teacher and Career Counselor Approval/ Grade 12	Apply and improve your workplace skills and pathway knowledge on the job. Job must be in the manufacturing industry.		

Career Cluster: Manufacturing
Program of Study: Production - Welding
Certification: American Welding Society (AWS)

Year 1		Year 2		Year 3		Year 4	
Recommended Elective:		Pathway Elective: Introduction to Metal Working Metal Working 1 Metal Working 2		Pathway Elective: Metal Working 3 Metal Working 4		Pathway Elective: Metal Working 5 Recommended Elective: Metal Working OJT	
Title	Course #	Prerequisite/Grade	Course Description				
Introduction to Metal Working	24144252	None/ Grades 10, 11, 12	Welcome to the world of welding! Learn about shop safety and the oxy-fuel system use/safety. Become skilled in welding with oxy-fuel equipment, as well as oxy-fuel cutting and brazing. In the second 9 weeks learn about Shielded Metal Arc Welding (SMAW). Learn to arc weld steel and weld different configurations in different positions. Students are responsible for their own personal safety equipment and lab fees.				
Metal Working 1	24127252	Introduction to Metal Working /Grades 10,11	Interested in a career in welding? Study Shielded Metal Arc Welding (SMAW) in detail and learn to arc weld in different positions with different electrodes, while continuing to perfect welding process skills and shop safety procedures. Learn about SMAW equipment and electrodes and develop welding skills in accordance with the AWS entry-level welder program. Students are responsible for their own personal safety equipment and lab fees. Note: Membership in Skills America USA Club required.				

Metal Working 2	24147232	Metal Working 1/ Grades 10, 11,12	Learn how to weld using the Gas Metal Arc Welding (GMAW) process in accordance with AWS entry-level welder objectives, while continuing to perfect welding process skills and shop safety procedures. Develop basic skills and knowledge in wire electrodes, shielding/purge gases, modes of metal transfer, and welding in different positions and configurations. Students are responsible for their own personal safety equipment and lab fees. Note: Membership in Skills America USA Club required.
Metal Working 3	24957260	Metal Working 2/ Grades 11, 12	Advance your skills in the production pathway. Study Gas Tungsten Arc Welding (GTAW) an advanced welding procedure. Develop basic skills in the GTAW process, gas tungsten arc welding (TIG), welding mild steel, tungsten electrode preparation, filler wire selection, and equipment set-up in accordance with AWS entry/ advanced welder objectives. Learn about the use of different shielding gases, welding various metals using different positions and configurations. Students are responsible for their own personal safety equipment and lab fees. Note: Membership in Skills America USA Club required.
Metal Working 4	24957262	Metal Working 3/ Grade 12 Only	Work with a mentor to explore welding topics in further depth and detail. Learn welding codes, how to read blueprints, fabricate print drawings, and new techniques for large and small projects, while continuing to perfect welding process skills and shop safety procedures. Students in this class will work on various projects throughout the semester. This class is for students who desire a career in welding. Students are responsible for their own personal safety equipment and lab fees. Note: Membership in Skills America USA Club required.
Metal Working 5	24967232	Teacher Approval/ Grade 12 Second Semester Only	Work with a mentor to learn about welding certification. Receive laboratory and classroom instruction on AWS and ASME Welder Performance Qualification Tests, and learn all position plate techniques and tests for SMAW, GMAW and possibly GTAW. In the final semester, have an opportunity to certify as a welder. This class is for students who desire a career in welding. Students are responsible for their own personal safety equipment and lab fees. Note: Membership in Skills America USA Club required.
Metal Work OJT	24977231	Metal Work 1-3, Teacher, Career Counselor & Administrator Approval/Grade 12	Apply and improve your workplace skills and pathway knowledge on the job. Job must be in the welding industry. NOTE: Membership in Skills America USA Club required.

Career Cluster: Arts/AV Technology & Communication

Note: The courses in this section fall under this career cluster, but do not have a certification opportunity for students

Title	Course #	Prerequisite/Grade	Course Description
Creative Writing	10214934	English II or Instructor's Approval; application required/ Grades 10,11, 12	Have fun learning to read and write poetry, short stories, plays, and magazine articles. Become a staff member of the Literary Magazine and develop an appreciation for various genres of literature while crafting/ revising your own personal voice and style of writing. Learn new computer skills, editing, design, and layout techniques. Fundraising and limited after-school commitment are required components.
Marching Band	11234912	Teacher Approval/Grades 9, 10, 11, 12	Have fun learning to read and write poetry, short stories, plays, and magazine articles. Become a staff member of the Literary Magazine and develop an appreciation for various genres of literature while crafting/ revising your own personal voice and style of writing. Learn new computer skills, editing, design, and layout techniques. Fundraising and limited after-school commitments are required components.
Concert Band	11224911	Teacher Approval/Grades 9, 10, 11, 12	Explore a variety of band literature styles ranging from Renaissance to contemporary. Improve and perfect your performance on brass, woodwind, and percussion.
Contemporary Band	11254911	Teacher Approval/ Grades 9, 10, 11, 12	Learn music styles from Dixieland to Big Band to Contemporary Jazz, with an emphasis on improvisation. Perfect your performance on brass, woodwind, and percussion.
Music-Mariachi 1	11264911	Audition/Grades 9, 10, 11, 12	Experience a variety of Mariachi literature styles ranging from Mexican and American early styles to contemporary, levels easy to medium in difficulty. This course is open to all students with a minimum of two years experience on instruments (including brass and strings) and vocal training indigenous to Mariachi.
Music Mariachi 2	11264912	Audition/Grades 9, 10, 11, 12	Focus on Mariachi literature styles ranging from Sones and Huapangos to Contemporary Mariachi, levels medium to difficult. Perfect your performance on brass, strings, and vocals.
Guitar	11284921	Guitar, Methods Book/Grades 9, 10, 11, 12	Learn the fundamentals of music and guitar. Learn playing techniques, such as strumming and chords, and advanced playing techniques.

Piano	1127921	None/Grades 9, 10, 11, 12	Learn the fundamentals of music and basic keyboard techniques such as scales, chords, and melodic lines, and more advanced keyboard techniques.
Music Theory	11414921	None/Grades 9, 10, 11, 12	Learn the fundamentals of music and about one or more of the following topics: composition, arrangement, analysis, aural development, and sight-reading.
Chorus Beginning Choir	11304921	None/ Grades 9, 10, 11, 12	Gain the opportunity to sing a variety of choral literature styles for mixed voices, and develop vocal technique and the ability to sing 2-3 parts in a group. Perform at seasonal concerts, school functions, and district/regional venues.
Chorus Concert Choir	11304922	None/ Grades 9, 10, 11, 12	Enjoy the opportunity to sing a variety of choral literature styles for mixed voices and develop vocal technique and the ability to sing 3-4 parts in a group. Perform in seasonal concerts, school functions, and district/regional venues.
Vocal Ensemble	11314912	Instructor Approval/ Grades 9, 10, 11, 12	Develop vocal techniques and the ability to sing parts in small ensemble or madrigal groups. Also, develop solo singing ability and learn one or several ensemble literature styles. Perform in seasonal concerts, school functions, and district/regional venues.
Individual Technique	11324912	Audition & Instructor Approval/ Grades 11,12	Develop and refine your vocal technique further, with a focus on solo singing. Perform in seasonal concerts, school functions, and district/regional venues.
Art 1	11614926 /11612925	None/Grades 9, 10, 11, 12	Explore an art form, learn to create individual works of art, and discover career opportunities in the art world. Learn the language, materials, and processes of a particular art form, design elements, and principles supporting a work of art. Become more adept and develop your own artistic style. The course focus is on creation; however, the study of major artists, art movements, and styles may also be included.
Art 2	11624921	Art 1/ Grades 9, 10, 11, 12	Build on topics learned in creative art one with a focus on drawing and painting, working with several media (such as pen and ink, pencil, chalk, watercolor, temper, oils, and acrylics, and so on).
Art 3	11624925	Art 2/ Grades 9, 10, 11, 12	Focus on developing your own style by creating independent projects, with teacher approval.
Art Portfolio	11814922	Art 3/ Instructor's Approval	Create a professional body of work that reflects personal style and talent, and display your work publicly (REQUIRED).
Introduction to Theatre	11114128	None/ Grades 9, 10, 11, 12	Explore the use your bodies and voices to create characters on stage. Learn how to bring the written word, whether poetry or prose, to life. Develop the self-confidence to perform in front of an audience, done in front of the class both as part of a group and individually.
Drama/Stagecraft 1	11124121	Introduction to Theatre/ Grades 9, 10, 11, 12	Improve acting, technical skills, and knowledge of theatrical history through ensembles that create performances for public audiences of various ages.
Drama/Stagecraft 2	11124120	Theatre 1/ Grades 10, 11, 12	Continue to improve your acting ability by studying the various approaches to acting, improvisation, and script analysis. In addition, study the use of costumes and makeup in character development, as well as stagecraft and lighting. You will be expected to perform in ensembles and monologues.
Drama-Acting Performance 3	11134111	Theatre 2/Grades 10, 11, 12	Expand your acting studies in this advanced drama class by preparing selected soliloquies from the works of William Shakespeare. In addition, explore careers in theatre.
Drama-Acting Performance 4	11134112	Theatre 3/ Grades 10, 11, 12	Expand your acting studies by preparing selected monologues from the works of modern drama and playwrights of the 20th century. Continue to explore careers in theatre.
Theatre Production	11194112	Theatre 4/ Grades 10, 11, 12	Refine acting, directing, stage-managing and producing skills needed to present a theatrical production. Explore different acting styles and period pieces.
Expressive Movement	11034925	Audition/Grades 9, 10, 11, 12	Develop an ability to move expressively without being restricted to a particular dance form or specific dance techniques.
Journalism- Newspaper	19024911	None/ Grades 9, 10, 11, 12	Help produce the school newspaper! Beginning journalists learn the concepts of newsworthiness and press responsibility; develop skills in writing and editing stories, headlines, and captions; and learn the basics of production design, layout, and printing of a publication. Advanced journalists learn and practice refined journalistic techniques, participate in the formation and/or management of the production team, and gain experience in critical evaluation of story content, and the publication as a whole. Photography and photojournalism skills may be included.

Journalism-Yearbook	19034921	Teacher Approval/ Grades 11, 12	Produce the school newspaper, yearbook, or literary magazine. (See previous course description to understand the skills and requirements for beginning journalists and advanced journalists.)
Mass Media-Production	19114941	None/Grades 10, 11, 12	Learn the skills needed to produce the student news broadcast, STTV. Level I, learn the duties of the various crew positions needed to produce the newscast. Also, study the history of broadcast journalism. Level II focus on editing and producing polished video projects. Further, examine the impact of mass media on the modern world. Level III focus on the skills needed to direct the newscast and conduct interesting interviews. Level IV focus on creating complete news packages for broadcast on STTV and the elements from Level I, II and III.
Film and Videotape	11724116	None/Grades 10, 11, 12	Explore the materials, processes, and artistic techniques involved in film or videotape. Learn about the operation of a camera, lighting techniques, camera angles, depth of field, composition, storyboarding, sound capture and editing techniques. You may also study production values and various styles of filmmaking (documentary, storytelling, news magazines, animation, and so on). As you advance, the instruction regarding the creative process becomes more refined, and you will be encouraged to develop your own artistic style. Study major filmmakers, cinematographers, and their films in order to develop your own artistic style.

Career Cluster: Finance

Note: The courses in this section fall under this career cluster, but do not have a certification opportunity for students.

Title	Course #	Prerequisite/Grade	Course Description
Accounting 1	02077151	None/Grades 10, 11, 12	Learn the fundamentals of financial accounting, which includes a comprehensive approach to the 10-steps of the accounting cycle. Analyze and post journal transactions and prepare basic financial statements, using accounting software, calculators, and electronic spreadsheets. Learn how to apply intermediate topics such as standard auditing principles, depreciation, taxes, payroll, and various journal techniques.
Accounting 2	02107151	Accounting 1/ Grades 11, 12	Build upon the fundamentals learned in Accounting I. Explore advanced accounting principles in relation to various business entities. Explore various accounting functions, such as in-depth analysis of financial statements; month-end closing procedures; application of various depreciation methods to assets; and preparation of business taxes, using accounting software and electronic spreadsheets.
Accounting 3	02107151	Accounting 2/ Grades 10, 11, 12	Learn the fundamentals of federal and state taxation legislation on personal income. This course will focus on teaching the skills and knowledge necessary to earn the Internal Revenue Service Tax Preparer's Certificate.
Business Law	02504153	None/Grades 10, 11, 12	Explore the history and philosophy of law focusing on topics affecting students as future business leaders and employees, such as contracts, forms of business, credit, consumer protection, and constitutional rights and responsibilities. Investigate laws affecting minors and their families, and participate in a classroom mock trial demonstrating how a courtroom works.
Personal Finance	02064151	None/Grades 9, 10, 11, 12	Learn the procedures involved in recording personal financial transaction, as well as transactions used by small businesses. Gain skills in designing a personal budget, managing a checkbook, buying a home, completing their own income tax returns, investing, and operating a small business.

Career Cluster: Government & Public Administration

Note: The courses in this section fall under this career cluster, but do not have a certification opportunity for students.

All Naval Science students are required to wear the prescribed uniform once a week and to attend monthly after school company drills.

Title	Course #	Prerequisite/Grade	Course Description
ROTC 1	21113020	None/Grades 9, 10, 11, 12	Learn about the purposes and objectives of the Reserve Officer Training Corps program. Course topics include basics of military drill, ceremony, and rank structure. Become knowledgeable in leadership drills, commands, and ceremonies; Maritime History (to the 1990s and beyond); and Nautical Sciences (Maritime Geography, Oceanography, Meteorology, Astronomy, Physical Science). Two Semester Course
ROTC 2	21114020	ROTC 1/ Grades 10, 11, 12	Learn about the purposes and objectives of the Reserve Officer Training Corps program. Course topics include basics of military drill, ceremony, and rank structure. Become knowledgeable in leadership drills, commands, and ceremonies; Maritime History (to the 1990s and beyond); and Nautical Sciences (Maritime Geography, Oceanography, Meteorology, Astronomy, Physical Science). Two Semester Course

ROTC 3	21123020	ROTC 2/ Grades 11, 12	Learn about Naval Knowledge: Seapower and National Security, Naval Operations, Military and International Law of the Sea, and Naval Skills (Ship Construction and Damage Control), Shipboard Organization, Basic Seamanship, Marine Navigation, Naval Weapons and Aircraft, Rules of the Nautical Road, and Relative Motion.
ROTC 4	21124020	ROTC 3/ Grade 12	Learn about Naval Knowledge: Seapower and National Security, Naval Operations, Military and International Law of the Sea, and Naval Skills (Ship Construction and Damage Control), Shipboard Organization, Basic Seamanship, Marine Navigation, Naval Weapons and Aircraft, Rules of the Nautical Road, and Relative Motion.

Career Cluster: Health Services

Note: The courses in this section fall under this career cluster, but do not have a certification opportunity for students.

Title	Course #	Prerequisite/Grade	Course Description
Anatomy/Physiology 1	17134934/ 17132114	Integrated Science 1/ Grades 10, 11, 12	Continue to explore and extend biological concepts studied in Integrated Science 1 and 2. Topics include cells and tissues and functional systems. Compare human anatomy to that of other mammals through virtual or hands-on mammalian dissection. Develop conduct, and share at least one individual experiment to investigate a concept or topic in depth. Concepts and terminology developed in the course provide a foundation for students interested in a medical or allied health field.
Honors Anatomy/Physiology 1	17135944	Integrated Science 1, Teacher or Counselor Recommendation/ Grades 10,11, 12	Continue to explore and extend biological concepts studied in Integrated Science 1 and 2. Topics include cells and tissues and functional systems. Compare human anatomy to that of other mammals through virtual or hands-on mammalian dissection. Develop conduct, and share at least one individual experiment to investigate a concept or topic in depth. Concepts and terminology developed in the course provide a foundation for students interested in a medical or allied health field.
Honors Anatomy/Physiology 2	17135914	Anatomy Physiology, Teacher or Counselor Recommendation/ Grades 10,11, 12	Continue to explore concepts studied in Honors Anatomy and Physiology 1. Compare human anatomy to that of other mammals through virtual or hand-on mammalian dissection. Develop, conduct, and share individual experiments to investigate concepts and topics in depth. Analyze case studies and scenarios. Technology is integrated throughout the course. Concepts and terminology developed in the course provide a foundation for students interested in a medical or allied health field.
Nutrition 1	05044152	None/Grades 9, 10, 11, 12	Take advantage of the opportunity to study the composition, structure, and properties of foods and the chemical changes that occur during processing, storage, preparation, and consumption. Explore the effects of various materials, microorganisms, and processes on food products through a laboratory approach.
Athletic Training	30254000	Instructor's Approval/ Grades 9, 10, 11, 12	Gain and develop skills in the techniques of athletic training, including injury prevention, first aid, and physical rehabilitation . Utilize skills to provide care for members of school's athletic teams. Course requires afterschool and weekend commitment.
Physiology of Exercise 1	23514210	None/Grades 9, 10, 11, 12	Examine anatomy and physiology as they pertain to exercise and sport. Get an introduction to athletic training, sports health careers, and recognition/treatment of common musculoskeletal injuries.

Career Cluster: Human Services

Note: The courses in this section fall under this career cluster, but do not have a certification opportunity for students.

Title	Course #	Prerequisite/Grade	Course Description
Library/AVC Aide Library Aide	08253100	None/Grade 12	Gain experience in library science and/or media and audiovisual technology by working in the library or audiovisual center. You may work collecting, distributing, and categorizing materials; operating audiovisual equipment; assisting students and teachers; or fulfilling clerical duties.
Peer Counselor	00000000	Application, 2.5 GPA/ Grades 9, 10, 11, 12	No Description
Life Skills	05134154/ 05132151	None/ Grades 9, 10, 11, 12	Become a wise consumer and a productive adult. Learn to set goals, make decisions, and prioritize; manage money and time; deal with relationships; and develop yourself. Explore among the following: practical exercises on housing selection and furnishing, meeting transportation needs, food preparation, clothing and wardrobe building, in addition to specific topics, such as insurance, taxation, and consumer protection.
Personal Development	05164150	None/Grades 9, 10, 11, 12	Take a course that focuses on the individual, but is similar to a Family Living Course. Grow personally and develop self-esteem, recognition of and resistance to negative social influences (possibly including substance-abuse prevention), and coping skills. Learn to face reality, accept responsibility, set reasonable goals, use logic to solve problems, and clarify values.

Career Cluster: Information Technology

Note: The courses in this section fall under this career cluster, but do not have a certification opportunity for students.

Title	Course #	Prerequisite/Grade	Course Description
Data Systems & Processing	03144150	None/Grades 11, 12	Explore the uses and operation of computer hardware and software and the programming languages used in business applications. Learn to use BASIC, COBOL, and/or RPL languages as you write flowcharts or computer programs; you may also learn data processing skills.
General Computer Application	03024155	None/ Grades 9, 10, 11, 12	Learn the proper use of previously written software packages. Explore a wide range of applications, including (but not limited to) word processing, spreadsheet, graphics, and database programs, as well as (possibly) electronic mail and desktop publishing. Work on exercises and problems from any field, or define your own.

Career Cluster: Science, Technology, Engineering & Mathematics

Note: The courses in this section fall under this career cluster, but do not have a certification opportunity for students.

Title	Course #	Prerequisite/Grade	Course Description
Technology Systems	16254125	NMSU Selected	Explore the resources, processes, management, and products as they relate to communication, energy, and production technology. Learn practical application, impact of technology and teamwork.
Honors Biology-Special Topics	17145914	Biology 1, Teacher & Counselor Recommendation/ Grades 10, 11, 12	Honors Biology II is a demanding course of study that includes a study of cells, genetics, organisms, populations and biological evolution. Technology is integrated throughout the course. The course includes virtual and hands on laboratory experiments as well as simulations.

Elective Courses - Athletics

Title	Course #	Prerequisite/Grade	Course Description
Girls Volleyball	30033100	Coaches Approval/ Grades 10, 11, 12	Gain and develop skills in volleyball.
Girls Soccer	30053100	Coaches Approval/ Grades 9, 10, 11, 12	Gain and develop skills in soccer.
Boys Soccer	30054100	Coaches Approval/ Grades 10, 11, 12	Gain and develop skills in soccer.
Boys Basketball	30044100	Coaches Approval/ Grades 10, 11, 12	Gain and develop skills in basketball.
Girls Basketball	30043100	Coaches Approval/ Grades 10, 11, 12	Gain and develop skills in basketball.
Softball	30123100	Coaches Approval/ Grades 10, 11, 12	Gain and develop skills in softball.
Baseball	30103100	Coaches Approval/ Grades 10, 11, 12	Gain and develop skills in baseball.
Football	30013100	Coaches Approval/ Grades 10, 11, 12	Gain and develop skills in football.
Weight Training	30163100	Enrollment in a Major Sports Class/ Grades 9, 10, 11, 12	Gain and develop skills with free-weights and weight machines for athletes enrolled in a major sports class. [Students enrolled in this course may not enroll in course #23224100.]
Athletic Training	30254000	Instructor's Approval/ Grades 9, 10, 11, 12	Gain and develop skills in the techniques of athletic training, including injury prevention, first aid, and physical rehabilitation methods. Utilize skills to provide care for members of school's athletic teams. Course requires afterschool and weekend commitment.
Fitness Conditioning Activities	30203100	Enrollment in a Major Sports Class/ Grades 9, 10, 11, 12	Gain and develop skills in physical fitness; for athletes enrolled in a major sports class.

Elective Courses – Physical Education

Title	Course #	Prerequisite/Grade	Course Description
Physical Education 2	23054220	Physical Education 1, Instructor Approval/ Grades 10, 11, 12	Develop physical skills through individual, dual, and team activities.
Weight Training	23223220	Open Enrollment/Grades 10,11, 12	Develop endurance and strength using various weight-training methods.
Weight Training 2	23224220	Open Enrollment Weight Training 1/ Grades 10, 11, 12	Want to build muscle? Develop endurance and strength using various weight-training methods.

Elective Courses - Miscellaneous

Title	Course #	Prerequisite/Grade	Course Description
Student Aide	08214000	None/ Grade 12	Have the opportunity to work in one of several campus offices (front, attendance, guidance, athletic offices, in the library or audio-visual center, or with individual teachers), assisting the appropriate professionals with their duties.
Drivers Education-Classroom Only	08174100	Social Security Card/ Grades 9, 10, 11, 12	Become a safe driver on America's roadways by learning legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability (including alcohol and other drugs).
College Success-ENLACE 1	08900000	NMSU Application; Grades 11, 12	Prepare for particular state tests required for graduation. Study content areas (such as citizenship) Prepare for particular state tests required for graduation. Study content areas (such as citizenship, mathematics, language arts, and so on) or test preparation, according to your individual needs.
College Success-ENLACE 2	08904000	NMSU Application; Grades 11, 12	Prepare for particular state tests required for graduation. Study content areas (such as citizenship) Prepare for particular state tests required for graduation. Study content areas (such as citizenship, mathematics, language arts, and so on) or test preparation, according to your individual needs.
Read 180	10094911	Based on student performance on SBA/Grades 9, 10, 11, 12	Improve your ability to read and comprehend material for all your classes.
Reading Intervention	10203900	Based on student performance on SBA/Grades 9, 10, 11, 12	Improve your ability to read and comprehend material for all your classes.

Student Resource Courses – Open via a student's I.E.P.

Title	Course #	Prerequisite/Grade	Course Description
Language Arts Skills 1	0092851	None	Study basic language skills, integrating reading, and writing, speaking and listening. Other topics are dependent on individual abilities.
Language Arts Skills 2	10092051	None	Study basic language skills, integrating reading, and writing, speaking and listening. Other topics are dependent on individual abilities.
Language Arts Skills 3	10092951	None	Study basic language skills, integrating reading, and writing, speaking and listening. Other topics are dependent on individual abilities.
Language Arts Skills 4	10092000	None	Study basic language skills, integrating reading, and writing, speaking and listening. Other topics are dependent on individual abilities.
Language Arts Skills 5	10092001	None	Study basic language skills, integrating reading, and writing, speaking and listening. Other topics are dependent on individual abilities.
Math Skills 1	20112851	None	Study general math topics, such as arithmetic using rational numbers, numeration systems and place value, basic geometry, and basic statistics, and apply these skills to real world problems and situations.
Math Skills 2	20112051	None	Study general math topics, such as arithmetic using rational numbers, numeration systems and place value, basic geometry, and basic statistics, and apply these skills to real world problems and situations.
Math Skills 3	20112951	None	Study general math topics, such as arithmetic using rational numbers, numeration systems and place value, basic geometry, and basic statistics, and apply these skills to real world problems and situations.
Math Skills 4	20112000	None	Study general math topics, such as arithmetic using rational numbers, numeration systems and place value, basic geometry, and basic statistics, and apply these skills to real world problems and situations.
Life Skills Language Arts 1	10092100	None	Study basic language skills, integrating reading, and writing, speaking, and listening. Other topics are dependent on individual abilities.
Life Skills Language Arts 2	10092110	None	Study basic language skills, integrating reading, and writing, speaking, and listening. Other topics are dependent on individual abilities.
Life Skills Language Arts 3	10092111	None	Study basic language skills, integrating reading, and writing, speaking, and listening. Other topics are dependent on individual abilities.
Life Skills Language Arts 4	10092120	None	Study basic language skills, integrating reading and writing, speaking and listening. Other topics are dependent on individual abilities.
Life Skills Language Arts 5	10092120	None	Study basic language skills, integrating reading and writing, speaking and listening. Other topics are dependent on individual abilities.
Life Skills Math 1	20112101	None	Study general math topics, such as arithmetic using rational numbers, numeration systems and place value, basic geometry, and basic statistics, and apply these skills to real world problems and situations.

Life Skills Math 2	20112110	None	Study general math topics, such as arithmetic using rational numbers, numeration systems and place value, basic geometry, and basic statistics, and apply these skills to real world problems and situations.
Life Skills Math 3	20112011	None	Study general math topics, such as arithmetic using rational numbers, numeration systems and place value, basic geometry, and basic statistics, and apply these skills to real world problems and situations.
Life Skills Math 4	20112010	None	Study general math topics, such as arithmetic using rational numbers, numeration systems and place value, basic geometry, and basic statistics, and apply these skills to real world problems and situations.
Life Skills Math 5	20112810	None	Study general math topics, such as arithmetic using rational numbers, numeration systems and place value, basic geometry, and basic statistics, and apply these skills to real world problems and situations.
Adaptive Physical Education	23162110	None	Participate in physical activities adapted to meet your specific physical fitness needs. Meets high school graduation requirement.
Community Social Studies 1	27392100	None	Study basic community social studies, including history, geography, government and economics. Other topics are dependent on individual abilities.
Community Social Studies 2	272921999	None	Study basic community social studies, including history, geography, government and economics. Other topics are dependent on individual abilities.
Science Skills 1	17002100	None	Study basic science topics, including biology, anatomy and physiology, earth and physical science. Other topics are dependent on individual abilities.
Science Skills 2	17002102	None	Study basic science topics, including biology, anatomy and physiology, earth and physical science. Other topics are dependent on individual abilities.
Community Living 1	28032000	None	Special emphasis is put on the student's relationship to the surrounding community.
Community Living 2	28032001	None	Special emphasis is put on the student's relationship to the surrounding community.
Community Living 3	28032004	None	Special emphasis is put on the student's relationship to the surrounding community.
Community Living 4	28032005	None	Special emphasis is put on the student's relationship to the surrounding community.
Community Living 5	28032002	None	Special emphasis is put on the student's relationship to the surrounding community.
Communication Instruction 1	28052000	None	Special emphasis is put on increasing student communication skills
Communication Instruction 2	28052001	None	Special emphasis is put on increasing student communication skills
Communication Instruction 3	28052004	None	Special emphasis is put on increasing student communication skills
Communication Instruction 4	28052005	None	Special emphasis is put on increasing student communication skills
Communication Instruction 5	28052002	None	Special emphasis is put on increasing student communication skills
Social Development Instruction 1	28062000	None	Special emphasis is put on increasing student social development skills.
Social Development Instruction 2	28062001	None	Special emphasis is put on increasing student social development skills.
Social Development Instruction 3	28062005	None	Special emphasis is put on increasing student social development skills.
Social Development Instruction 4	28062005	None	Special emphasis is put on increasing student social development skills.
Social Development Instruction 5	28062002	None	Special emphasis is put on increasing student social development skills.

Mobility Instruction 1	28042000	None	Special emphasis is put on increasing student abilities to move about and communicate within their surrounding communities.
Mobility Instruction 2	28042001	None	Special emphasis is put on increasing student abilities to move about and communicate within their surrounding communities.
Mobility Instruction 3	28042004	None	Special emphasis is put on increasing student abilities to move about and communicate within their surrounding communities.
Mobility Instruction 4	28042005	None	Special emphasis is put on increasing student abilities to move about and communicate within their surrounding communities.
Mobility Instruction 5	28042002	None	Special emphasis is put on increasing student abilities to move about and communicate within their surrounding communities.
Career Exploration 1	16032153	None	Identify your personal goals, priorities, aptitudes, and interests and match them with your career interests. Identify future career possibilities by researching careers and training options of interest.
Work Study JTP 1	28082000	None	
Work Study JTP 2	28082001	None	
Work Study JTP 3	28082004	None	
Work Study JTP 4	28082005	None	
Work Study JTP 5	28082002	None	
Work Study Campus 1	16062000	None	
Work Study Campus 2	16062140	None	
Work Study Campus 3	16062040	None	
Work Study Campus 4	16062100	None	
Work Study Campus 5	16062110	None	
Work Experience 1	1606230	None	
Work Experience 2	16062033	None	
Work Experience 3	16062043	None	
Work Experience 4	16062133	None	
Work Experience 5	16062143	None	
Gifted Seminar	08626000	None	Work with your peers to investigate areas of interest. Group objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills; group process skills, and problem solving and critical thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

Center for Career and Technology Education Courses

Important Note: This information is for Special Education students who attend the Center for Career and Technology Education (CCTE) in El Paso, Texas. Students who are NOT SPED students are NOT to be enrolled in these courses under any circumstances.

Based on the Individualized Plan of Education (I.E.P.), some students attend the Center for Career and Technology Education (CCTE) in El Paso, Texas. The following matrix translates the CCTE's courses and programs to the New Mexico ADS course numbers. The intent of this matrix is to insure that students receive appropriate credits for courses they attend at CCTE and that their transcript clearly identifies the courses/programs they were enrolled in. The italicized abbreviations under the ADS course title are what will appear on the student transcript.

Student Resource Courses- (Open via a student's I.E. P.)

CCTE Course Title	ADS Course	ADS Course Title	Maximum #
Health Science Technology	15037252	Allied Health Occupations 1 (AlliedHealt1)	4
	15037232	Allied Health Occupations 2 (AlliedHealt2)	4
Legal Office Man-	25042150	Public Administration (PublicAdmin.)	4
Law Enforcement	25132150	Criminal Justice Assisting (CriminalJust)	4
Auto Collision Repair	09422152	Automotive Body Repair and Refinishing 1	4
	09422150	Automotive Body Repair and Refinishing 2 (AutoBody2)	4
Automotive Technology	09127250	Automotive Technology-Comprehensive 1 (AutoTechCom1)	4
	09127230	Automotive Technology-Comprehensive 2	4
Diesel Technology	09157250	Diesel Mechanics-General 1 (DieselMech1)	4
	09157230	Diesel Mechanics-General 2 (DieselMech2)	4
Fashion Design	05112151	Fashion Design 1 (Fashion1)	4
	05112150	Fashion Design 2 (Fashion2)	4
Advertising Design	13232151	Commercial Art 1 (CommArt1)	4
	13232150	Commercial Art 2 (CommArt2)	4
Cosmetology	06032150	Cosmetology 1 (Cosmetology1)	4
	06032130	Cosmetology 2 (Cosmetology2)	4
Nail Technician	06062150	Cosmetology-Nail Technician 1 (NailTech1)	4
	06062130	Cosmetology-Nail Technician 2 (NailTech2)	4
Culinary Arts	05087250	Culinary Arts 1 (CulinaryArt1)	4
	05087232	Culinary Arts 2 (CulinaryArt2)	4
Hotel Restaurant Travel Management	05287250	Hospitality, Tourism, and Recreation 1 (Hospitality 1)	4
	05287230	Hospitality, Tourism, and Recreation 2 (Hospitality2)	4
Microcomputer Technician	03177250	Computer Technology (ComputerTech)	4
Web Page Design & Animation	03157230	Computer Graphics (ComGraphics)	4
Tele-networking	03187250	Network Technology (NetworkTech)	4
Telecommunications I (I-Net)	02767230	Web Page Design (WebPagDesign)	4
Electrical Technology	04422152	Electricity-Comprehensive 1 (ElectricCom1)	4
	04422132	Electricity-Comprehensive 2 (ElectricCom2)	4
Engineering and Architectural Drafting	07072151	CAD Design and Software 1 (CADDDesign1)	4
	07072150	CAD Design and software 2 (CADDDesign2)	4
Electronic Technology	04527252	Electronics-General 1 (Electronics1)	4
	04527232	Electronics-General 2 (Electronics2)	4
Machining Technology	24027252	Machining 1 (Machining 1)	4
	24027232	Machining 2 (Machining2)	4
Robotics & Automation	16242152	Manufacturing Systems 1(ManufacSys1)	4
	16242150	Manufacturing Systems 2 (ManufacSys2)	4
CTED Piping Trades/Plumbing	04382151	Plumbing 1 (Plumbing1)	4
	04382150	Plumbing 2 (Plumbing2)	4
CTED Carpentry Technology	04162151	Particular Topics in Carpentry 1 (PTCarpentry1)	4
	04162150	Particular Topics in Carpentry 2 (PTCarpentry2)	4
CTED Major Appliance Technology	16332150	Appliance Repair (ApplianceRep)	4
CTED Food Production	05122152	Advanced Foods(AdvFoods)	4
CTED Marketing Dynamic	18022150	Principles of Marketing (Marketing)	4
CTED Computer Exploration	16952150	Technology Education-Related Subjects (TechEdRelSub)	4
CTED Building Maintenance I	04732150	Building Maintenance I (BuildMaint1)	4
	04422132	Electricity-Comprehensive 2 (ElectricCom2)	4