

Course Code	Course Name	Course Description	Course Subject Area	Suggested Grade Level(s)	AP Indicator	Career Tech Indicator
0129	Science/aquaculture, agriculture based	Through this course the student will gain knowledge in the development of commercial aquaculture systems. Aquaculture topics covered will include: ecological systems, aquatic plants, aquatic animals, system construction and maintenance, state and federal	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0130	Science/hydroponics in agriculture	Topics covered in this course will include: ecological systems, construction and maintenance of soil less crop systems, construction and maintenance of true water systems, installation and maintenance of injector and filtration systems, hydroponic crop se	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0133	Introduction to Agriculture	The local, national, and global definitions, history, and scope of agriculture in society is covered in this course. It also covers plant and animal sciences, production and processing; agricultural mechanics, including tool and machine operation; busine	Agriculture, Food and Natural Resources	Grades 9 - 10	N	Y
0134	Comprehensive Agricultural Production	The course covers the global market place, development of a Program of Activities, and leadership development. Animal science emphasis is on the selection, reproduction and genetics of breeds of beef, sheep, and swine, dairy cattle, horses, poultry, and	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0135	Agricultural Industry and Technology	Topics covered in this course include animal science with emphasis on the feeding and management of breeds of livestock, digestive systems, and classes of feed and feed additives. Entomology topics are characteristics, development and physiology of insec	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0136	Applied Agriculture	Specific subject matter covered in this course includes current issues relevant to the agricultural industry, marketing and sales techniques. Disease and parasites effecting the various breeds of livestock; Animal welfare and relationship to the human en	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0137	Agricultural Leadership/Communication	Course is designed to strengthen students' personal and group leadership skills. Topics such as public speaking, effective communication, human relations, parliamentary law, and group dynamics are covered. Also covered is the development of Programs of	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y

0141	Horticultural Science	The focus of this course is on the science of plants (botany). Specific topics include photosynthesis and respiration, analysis of the difference of plant and animal cell structure, genetics, taxonomy and classification. Also included are topics coverin	Agriculture, Food and Natural Resources	Grades 9 - 10	N	Y
0142	Plant/Crop Science	The focus of this course is on the science of plants (botany). Specific topics include photosynthesis and respiration, analysis of the difference of plant and animal cell structure, genetics, taxonomy and classification. Also included are topics coverin	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0143	Greenhouse/Nursery Operations	This course covers greenhouse/nursery operation and management. Plant propagation including grafting, budding, and layering. Students are often involved in the planning, management, and marketing associated with the school greenhouse/nursery.	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0144	Landscape	Introduction to landscape design, construction, and maintenance. Irrigation systems for the landscape, including water conservation and use, and xeriscape for plants. Drawing instruments and symbols used in designing the landscape plan, identification	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0145	Floriculture	Focus is on the floriculture industry including plant production, processing, marketing, and principles of floral design. Students are often involved in a simulated floral shop on the school grounds. Interior plantscaping may also be included in this co	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0151	Introduction to Agricultural Mechanics	Course provides for the skill and knowledge development applicable to the tools and equipment used in the agricultural industry. In learning to apply basic industrial knowledge and skills (engines, power, welding, and carpentry), a broad range of topics	Agriculture, Food and Natural Resources	Grades 9 - 10	N	Y
0152	Agricultural Structures and Construction	Topics include surveying, concrete and masonry, plumbing, drafting, carpentry and electrical wiring; use of bids and billing information to develop a complete materials list and project cost estimate; use of measurement and layout tools. Procedures for sa	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0153	Metal Fabrication for the Agricultural Industry	Topics include oxyacetylene and mig welding techniques including cutting, brazing, and welding; Fabrication techniques and project design including estimating and developing materials list. Tool room management and safety procedures are essential to the	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y

0154	Agricultural Power and Machinery	The course includes maintenance and troubleshooting, and repair of small gas engines, auto and farm equipment maintenance; Identification and comparison of energy sources. Troubleshoot problems and evaluate performance to service and repair components of	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0161	Animal Science	Course imparts information about the care and management of domesticated animals. Animal nutrition, health, reproduction, genetics, facilities, and marketing are all possible topics; Study of anatomy and physiology of livestock and other domesticated ani	Agriculture, Food and Natural Resources	Grades 10 - 11	N	Y
0162	Science of Small Animals	Course imparts information about the care and management of domesticated animals. Animal nutrition, health, reproduction, genetics, facilities, and marketing are all possible topics; Study of anatomy and physiology of livestock and other domesticated ani	Agriculture, Food and Natural Resources	Grades 11 - 12	N	Y
0163	Science of Large Animals	Course imparts information about the care and management of domesticated animals. Animal nutrition, health, reproduction, genetics, facilities, and marketing are all possible topics; Study of anatomy and physiology of livestock and other domesticated ani	Agriculture, Food and Natural Resources	Grades 11 - 12	N	Y
0171	Agricultural Economics and Business Management	Course provides students with the information and skills necessary for career success in agribusiness and in the operation of entrepreneurial ventures. Topics include economic principles, budgeting, risk management, finance, business law, insurance and r	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0172	Agricultural Marketing/Sales	Course focuses specifically on the marketing and promotional strategies for agricultural products. Students will develop a marketing plan for a specific product including target audience research and presentation skills. Agricultural sales techniques fo	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0173	Food Products and Processing	Course imparts the knowledge and skill needed to bring animal and plant products to market. Processing topics will include quality selection and preservation, equipment care and sanitation, government regulations, and consumer trends.	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0174	Animal Production and Processing	Course imparts the knowledge and skill needed to bring animal products to market. Processing topics will include quality selection and preservation, equipment care and sanitation, government regulations, and consumer trends. Animal processing courses ma	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y

0181	Environmental Science/Natural Resources	Course combines the fields of ecology and conservation with planning for the efficient use and preservation of land, water, wildlife, and forests. Within this course may be topics covering environmental factors affecting water, water pollution, water and	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0182	Forestry/Wildlife Management	Course provide the information necessary for the cultivation and care of forests or timberlands. Forestry topics covered are the processes of regeneration and reforestation, conservation of natural resources, erosion control, trail development and mainte	Agriculture, Food and Natural Resources	Grades 10 - 12	N	Y
0191	Agricultural Internship/OJT/Coop	Through these courses, work experience is gained within the agricultural industry. Goals are set for the employment period. Classroom experience may involve further study in the field, improvement of employability and career readiness skills.	Agriculture, Food and Natural Resources	Grades 11 - 12	N	Y
0192	Agricultural Entrepreneurship	Through this course the student will gain knowledge in the development of a business enterprise. Financial and resource management is an important aspect of this course. Classroom experience may involve further study in the field, improvement of respons	Agriculture, Food and Natural Resources	Grades 11 - 12	N	Y
0199	Agriculture Other	Course provides knowledge and skills in specific areas of the agricultural industry and is designed to adapt to the needs of the local community.	Agriculture, Food and Natural Resources	Grades 11 - 12	N	Y
0202	Office Technology - (formerly Office Technology - Comprehensive)	Courses provide numerous opportunities to explore and understand the responsibilities and duties common to most office personnel. These comprehensive courses cover such topics as communication skills, reception and transmission of information via electron	Business	Grade Level 9-10	N	Y
0205	Word Processing	Courses introduce automated document production using one or more software packages. These courses may introduce keyboarding techniques or may require prior experience; in either case, speed and accuracy are emphasized. A parallel focus is placed on the	Business	Grade Level 6-12	N	Y
0206	Data Management	Classes provide a basic understanding of the procedures involved in recording personal financial transactions as well as transactions typically undertaken by small businesses. Partial emphasis may be placed on personal banking, budgeting, and income tax	Business	Grade Level 9-12	N	Y

0207	Accounting	Courses introduce and then expand upon the fundamental accounting procedures used in small businesses. Typically, the first year covers the full accounting cycle, and incorporates topics such as payroll, taxes, debts, depreciation, ledger and journal te	Business	Grade Level 9-12	N	Y
0210	Advanced Accounting	This course builds upon the concepts learned in Accounting Fundamentals. Students will study and apply advanced accounting principles relating to partnerships, corporations, cost accounting, number systems, inventory control, depreciation, petty cash sys	Business	Grades 10-12	N	Y
0212	Cost Accounting	This course builds upon the concepts learned in Advanced accounting, and introduces students to principals of cost accounting with an emphasis on job order costing. Topics covered may include manufacturing statements; cost theory; and integration of mater	Business	Grades 11-12	N	Y
0221	Introductory Business	Courses survey an array of topics and concepts related to the field of business. These courses introduce business concepts such as banking and finance; the role of government in business, consumerism, credit, investment, and management; and may provide	Business	Grade Level 9-12	N	Y
0223	Business Management	Courses acquaint students with management opportunities and effective human relations. These courses may provide students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they may provi	Business	Grade Level 9-12	N	Y
0224	Business Ownership and Management Entrepreneurship	Courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor I	Business	Grade Level 10-12	N	Y
0225	Financial Services	Courses provide students with an overview of the American monetary and banking system, types of financial institutions, and the services and products they offer. Course content may include government regulations; checking, savings, and money market acc	Business	Grade Level 10-12	N	Y
0226	General Business (formerly Business & Marketing)	This business and marketing course explores the world of business and marketing. Curriculum will focus on the skills, knowledge, and attitudes demanded by employers in the workplace. Students will study economics, marketing and basic accounting concepts	Business	Grade 7 -12	N	Y

0228	Personal and Business Finance	Course covers fundamental concepts of personal financial management to include insurance, budgeting, credit, savings, investments, home financing, retirement, and estate planning, and consumer debt management. Finance relating to problems, methods, and p	Business	Grades10-12	N	Y
0230	Consumer/Business Math	This course covers mathematical applications that reinforce general math topics, such as arithmetic using rational numbers, measurement, and basic statistics. Consumer applications may include personal and business budgeting, taxation, credit, banking ser	Business	Grade 7 -12	N	Y
0231	Financial Spreadsheets	This course provides an in-depth study of Microsoft Excel spreadsheet software. A hands-on approach is taken with projects and assignments and may cover the MOUS certification requirement.	Business	Grade 7 -12	N	Y
0239	Individual Taxation	This course examines the fundamental characteristics of Federal and state legislation as applied to individual incomes. Students will be introduced to basic tax return preparation issues and the software to do basic tax returns. On the job training and a	Business	Grade 11-12	N	Y
0240	Business Communications	Course emphasizes written reports, proposals, memos and business letters, Principles of effective business writing, business letter and solution of business problems by letter, letter of application, development of effective expression, related business f	Business	Grade 9-12	N	Y
0250	Business Law	Course is designed to give students an understanding of the U.S. legal system, the law of contracts, and Uniform Commercial Code statutes regulating the sale of goods and commercial paper. Student will investigate the nature and role of the law in our soc	Business	Grade 10-12	N	Y
0254	Business Ethics	Reasoning for issues in business and business practices that uses both a theoretical and practical approach to business decision-making are examined as well as quality and customer service insight and skills. An emphasis on current events/issues in the l	Business	Grade 10-12	N	Y
0261	Hospitality and Tourism	Course provides basic knowledge plus as well as job shadowing experiences for the student who is interested in a career in lodging, hospitality, travel and tourism. Areas of study may cover culinary arts, lodging occupations, travel services, customer se	Business	Grade 10-12	N	Y

0265	Hotel Management I	Sequential course designed to introduce students to industry standards such as customer relations, accounting, management techniques, public relations, customer services, and marketing. Industry standards and certifications for front and back of the house	Business	Grade 11-12	N	Y
0266	Hotel Management II	Sequential course designed for students pursuing careers in hospitality and lodging/resort industries. This is an intensive program involving topics covering entrepreneurship and managerial techniques, portfolio and customer service skills, safety and rel	Business	Grade 10-12	N	Y
0267	Human Resource Management	This course is designed to provide the student with a contemporary and comprehensive introduction to the field of personnel/human resource management aimed at the student who wants to know how these functions and tools will assist one in becoming a better	Business	Grades 11-12	N	Y
0269	Hotel Management Internship	Sequential course designed to provide the work experience component of the Hotel Management Program of study offered through the American Hotel and Lodging Association. . Student will work in an industry-based setting and be evaluated by work based compet	Business	Grades 10 - 12	N	Y
0270	Computer/Business Technologies	This course is designed to develop the student's computer technology skills as they prepare for a career in the world of business. Student will produce business documents using word processing, spreadsheet, database and presentation skills to be an effec	Business	Grade 7 -12	N	Y
0271	Database Design and Programming - Oracle Academy	Students analyze case studies to identify patterns and connections between information not obviously related and to develop solutions to make a business effective. The program teaches inductive reasoning to solve problems and think conceptually, systemat	Business	Grade 7 -12	N	Y
0276	Web Page Design	Course emphasizes skill development that will enable students to author, edit, debug, evaluate and publish web pages on a server. The basics of planning and creating Web Pages, using text editors, and HTML editors, selecting and adding images, choosing ba	Business	Grade 7 -12	N	Y
0290	Business Economics	This course provides an understanding of basic economic principles and use of economic reasoning skills to analyze the impact of economic systems on individuals, families, businesses, communities and governments. Course includes basic concepts of macro a	Business	Grade 9-12	N	Y

0294	AP Microeconomics	Course is designed to parallel a semester of college-level microeconomics, AP Microeconomics courses provide students with a thorough understanding of the principles of economics that apply to the functions of individual decision makers (both consumers and	Business	Grade 10 - 12	Y	Y
0295	AP Macroeconomics	Course is designed to parallel a semester of college-level macroeconomics, AP Macroeconomics courses provide students with a thorough understanding of the principles of economics that apply to an economic system as a whole, placing particular emphasis on	Business	Grade 10 - 12	Y	Y
0297	Experience (Co-op) (formerly Business Work Site Experience - Cooperative Education - OJT)	Course work experience is gained within the business field. The student, teacher, and employer will set goals cooperatively: classroom attendance, related training experience, and related course work are an integral part of the Business -OJT Experience	Business	Grade 11-12	N	Y
0299	Business	Other	Business	Grade 7-12	N	Y
0301	Basic Computer	Courses introduce the computer and peripheral devices, the functions and uses of computers, the language of the computer industry, possible applications, and occupations related to computer hardware and software. Legal and ethical issues may be explored,	Computer and Information Sciences		N	Y
0302	General Computer Applications	Designed for students with an interest in exploring the uses of the personal computer, General Computer Applications courses provide experience in the proper use of previously written software packages. A wide range of applications is explored, including	Computer and Information Sciences		N	Y
0303	Business Computer Applications	Designed for students with an interest in business/office occupations, Business Computer Applications courses provide experience in the proper use of previously written software packages. Generally, a wide range of applications is explored, including (but	Computer and Information Sciences		N	Y
0313	Business Programming	Courses provide students with experience in using previously written software packages as well as designing and writing programs of their own. With a focus on business application, the word processing, spreadsheet, graphics, and database exercises contain	Computer and Information Sciences		N	Y

0314	Data Systems/Processing	Courses introduce students to the uses and operation of computer hardware and software and to the programming languages used in business applications. Students typically use BASIC, COBOL, and/or RPL languages as they write flowcharts or computer programs	Computer and Information Sciences		N	Y
0315	Computer Graphics	Courses provide students with the opportunity to explore the capability of the computer to produce visual imagery and to apply graphic techniques to various fields, such as advertising, TV/video, and architecture. Modeling, simulation, animation, and imag	Computer and Information Sciences		N	Y
0316	Computing Systems	Courses offer a broad exploration of the use of computers in a variety of fields. Course content may have a considerable range, but typically includes the introduction of robotics and control systems, computer assisted design, computer aided manufacturin	Computer and Information Sciences		N	Y
0317	Computer Technology	Courses introduce students to the features, functions, and design of computer hardware, and provide instruction in the maintenance and repair of computer components and peripheral devices.	Computer and Information Sciences		N	Y
0318	Network Technology	Courses introduce students to the technology involved in the transmission of data between and among computers through data lines, telephone lines, or other transmission media (such as hard wiring, cable television networks, radio waves, and so on). The c	Computer and Information Sciences		N	Y
0323	Computer Science/Programming	Courses provide the background knowledge and skills to construct computer programs in one or more languages. Computer coding and program structure are often introduced with the BASIC language, but other computer languages such as Pascal or COBOL may be u	Computer and Information Sciences		N	Y
0324	BASIC Programming	Courses provide the opportunity to gain expertise in computer programs using the BASIC language. A general computer programming courses with the emphasis on how to structure and document computer programs, and how to use problem solving techniques. As s	Computer and Information Sciences		N	Y
0325	Pascal Programming	Courses provide the opportunity to gain expertise in computer programs using the Pascal language. Emphasis is on how to structure and document computer programs, and how to use problem solving techniques. However, as students advance, they learn to capi	Computer and Information Sciences		N	Y

0326	Computer Programming - Other Language	Courses provide the opportunity to gain expertise in computer programs using languages other than BASIC and Pascal, such as FORTRAN, COBOL, C, and so on. Emphasis is on how to structure and document computer programs, and how to use problem solving techn	Computer and Information Sciences		N	Y
0327	AP Computer Science A	Course emphasizes programming methodology and procedural abstraction. It includes the study of algorithms, data structures, and data abstraction, but these topics are not covered to the extent that they are covered in Computer Science AB. The content of	Computer and Information Sciences		Y	Y
0329	AP Computer Science AB	Course includes all the topics of Computer Science A, as well as a more formal and in-depth study of algorithms, data structures, and data abstraction. For example, binary trees are studied in computer Science AB but not in Computer Science A. This course	Computer and Information Sciences		Y	Y
0330	Database Design and Programming - Oracle Academy	Students analyze case studies to identify patterns and connections between information not obviously related and to develop solutions to make a business effective. The program teaches inductive reasoning to solve problems and think conceptually, systemat	Computer and Information Sciences	Grade 9 -12	N	Y
0331	Database Programming with SQL - Oracle Academy	Programming with SQL course. In this portion, students implement their database design by creating a physical database using SQL, the industry-standard database programming language. Upon completion of this course, students have the opportunity to sit for the first of two exams	Computer and Information Sciences	Grade 9 -12		Y
0395	Computer and Information Sciences - Related Subjects	Courses in this category offer instruction in related topics that are necessary or helpful in occupations involving computer and computer related technologies; such topics may include mathematics, science, and/or technical reading.	Computer and Information Sciences		N	Y
0396	Computer and Information Sciences-Independent Study	Courses often conducted with instructors as mentors, enable students to explore computer related topics of interest in greater depth and detail. Independent Study courses may serve as an opportunity to expand expertise in a particular programming language	Computer and Information Sciences		N	Y
0397	Computer and Information Sciences Work Site Experiences - Cooperative Education - OJT	Through these courses, work experience is gained within either the computer or information sciences fields. Goals will be set cooperatively by the student, teacher, and employer: classroom attendance, related classroom training experience, and related co	Computer and Information Sciences		N	Y

0399	Computer and Information Sciences	Other	Computer and Information Sciences		N	Y
0402	Construction	Courses provide basic knowledge and skills required for construction of commercial, residential, and institutional structures. These courses provide experiences and information (typically including career opportunities and training requirements) regardin	Construction Trades	Grade 9	N	Y
0414	Carpentry	Courses provide information related to the building of wooden structures, enabling students to gain an understanding of wood grades and construction methods, and to learn skills such as laying sills and joists; erecting sills and rafters; applying sheathi	Construction Trades	Grade 9	N	Y
0415	Framing Carpentry	Courses provide students with 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 place a special emphasis on constructi	Construction Trades	Grade 10-12	N	Y
0416	Particular Topics in Carpentry	Courses falling within the Particular Topics in Carpentry category are specialized courses 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	Construction Trades	Grade 10-12	N	Y
0417	Woodworking	Courses introduce students to the various kinds of woods used in industry, and offer experience in using selected woodworking tools. Student's design and construct one or more projects, and may prepare a bill of materials. Correct and safe use of tools	Construction Trades	Grade 10-12	N	Y
0418	Cabinetmaking	Courses provide experience in constructing cases, cabinets, counters, and other interior woodwork. Students learn to distinguish between various types of furniture construction and their appropriate applications. Various woodworking machines and power t	Construction Trades	Grade 10-12	N	Y
0423	Masonry	Courses enable students to learn to construct interior and exterior walls, columns, doorways, window openings, fireplaces, chimneys, and foundations from brick and concrete block. Along with other activities, students may mix and spread cement and mortar	Construction Trades	Grade 10-12	N	Y

0431	Air Conditioning	Courses offer specialized training related to the design, installation, and repair of air conditioning systems for residential and commercial use. Air Conditioning courses may emphasize the theory and design of electrical, electronic, mechanical, and pne	Construction Trades	Grade 10-12	N	Y
0432	Refrigeration	Courses provide exposure to and training in the theories, equipment, and skills needed to design, install, and repair commercial and residential refrigeration systems. Course topics typically include the theory of thermodynamics, measurement of pressures	Construction Trades	Grade 10-12	N	Y
0433	Heating	Courses offer training specific to the design, installation, and repair of heating systems for residential use. Topics typically include electric, gas, and/or steam systems; ventilation procedures; safety practices; and installation and trouble shooting	Construction Trades	Grade 10-12	N	Y
0434	Air Conditioning/Refrigeration	Courses enable students to develop the combined skills and knowledge to install, maintain, adjust, and repair both air conditioning and refrigeration systems.	Construction Trades	Grade 10-12	N	Y
0435	Air Conditioning/Heating/Refrigeration	Courses enable student to learn the basic principles of these systems, along with the identification and safe use of tools/equipment used in the trade.	Construction Trades	Grade 10-12	N	Y
0436	Heating/Ventilation/Air Conditioning	Courses synthesize basic and advanced principles in heating, ventilation, and air conditioning, including topics such as air filtration methods, humidity control, and the installation and maintenance of heat pumps, furnaces, and air conditioners. Student	Construction Trades	Grade 10-12	N	Y
0437	Particular Topics in HVACR	Courses offer specialized training in aspects or topics that are common to various climate control systems (heating, ventilation, air conditioning, and refrigeration systems); such topics may include electrical components, diagrams and blueprints, welding	Construction Trades	Grade 10-12	N	Y
0438	Plumbing	Courses provide instruction in installing waste and vent systems, water and gas pipes, trim, and fixtures. Skills taught include cutting and joining various types of pipe (for instance, steel, plastic) using various methods (cement, seat method, and so o	Construction Trades	Grade 10-12	N	Y

0439	Plumbing and Heating	Courses deal with the installation, assembly, maintenance and repair of piping, plumbing, heating equipment, and water and drainage systems. Topics covered include computation of heat losses and BTU requirements, and blueprint reading. Students gain exp	Construction Trades	Grade 10-12	N	Y
0441	Exploration of Electricity/Electronics	Courses offer instruction in the theory of electricity and in the terminology, skills, and safety procedures common to careers involving electricity, electronics, and related fields. Topics included are those relevant to these careers, such as Ohm's law,	Construction Trades	Grade 10-12	N	Y
0442	Electricity-Comprehensive	Courses provide a survey of the theory, terminology, equipment, and practical experience in the skills needed for careers in the electrical field. AC and DC circuitry, safety, and the National Electrical Code are typically covered; skills covered may inc	Construction Trades	Grade 10-12	N	Y
0443	Residential Wiring	Course covers many of the same topics as Electricity-Comprehensive courses, Residential Wiring courses apply the knowledge and skills gained particularly to the electrical systems found in family dwellings. Because these courses emphasize residential ele	Construction Trades	Grade 10-12	N	Y
0444	Industrial Electricity	Course covers many of the same topics as Electricity - Comprehensive courses, Industrial Electricity courses apply the knowledge and skills gained particularly to the electrical systems used in industry. Because of this emphasis, Industrial Electricity c	Construction Trades	Grade 10-12	N	Y
0445	Particular Topics in Electricity	Courses offer specialized training in particular topics relevant to students who are preparing to be electricians.	Construction Trades	Grade 10-12	N	Y
0452	Electronics-General	Courses offer training in the theory and skills involved in repairing and rebuilding electronic equipment such as radios, television sets, and industrial equipment; they typically include the basic theory of electricity as well. Course topics may include	Construction Trades	Grade 10-12	N	Y
0453	Particular Topics in Electronics	Individual courses in this category offer specialized training in topics related to electronics and occupations in electronics such as diodes, transistors, digital techniques, solid state devices, analog circuits, and microprocessors.	Construction Trades	Grade 10-12	N	Y

0462	Electricity/Electronics-General	Courses teach fundamental concepts of electricity and electronics, including safety procedures, and may introduce students to the available occupations in electrical and electronic industries. Topics covered typically include the following: components of	Construction Trades	Grade 10-12	N	Y
0463	Particular Topics in Electricity/Electronics	These courses provide instruction in the theory and skills needed in careers involving electricity, electronics, and related fields that focus on electrical wiring (for example, refrigeration, air conditioning). The courses included in this category tra	Construction Trades	Grade 10-12	N	Y
0473	Building Maintenance	Courses train students to maintain commercial, industrial, and residential buildings and homes. Instruction is provided in the basic maintenance and repair of air conditioning, heating, plumbing, electrical, and other mechanical systems. Topics covered	Construction Trades	Grade 10-12	N	Y
0494	Electricity/Electronics-Related Subjects	Courses in this category offer instruction in related topics that are necessary or helpful in occupations involving electricity or electronics; such topics may include mathematics, science, technical reading, or other related topics.	Construction Trades	Grade 10-12	N	Y
0495	Construction Trades-Related Subjects	Courses provide skills and knowledge necessary or useful for particular occupations or technologies within the construction trades. Particular topics and skills, or their applications, covered in these courses may vary with the occupation or technology.	Construction Trades	Grade 10-12	N	Y
0498	Construction Trades Internship	Courses provide work experience in the construction or related field, and are supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study of the field, improvement of employabi	Construction Trades	Grade 11-12	N	Y
0499	Construction Trades	Other	Construction Trades	Grade 6-12	N	Y
0502	Family and Consumer Sciences - General	Courses offered in high school are inclusive of the knowledge and skills useful for the efficient and productive management of the home and family. These courses typically include foods and nutrition; clothing; child development and care; housing design,	Family and Consumer Sciences	Grades 9 - 12	N	Y

0504	Nutrition	Course offers opportunities to study the composition, structure, and properties of foods and the chemical changes that occur during processing, storage, preparation, and consumption. Designed as a laboratory course, Nutrition explores the effects of vario	Family and Consumer Sciences	Grades 9 - 12	N	Y
0505	Child Development	Course provides knowledge about the physical, mental, emotional, moral and social growth and development of children from conception to preschool age. These classes provide guidance about desirable parental involvement in each stage, responsibilities one	Family and Consumer Sciences	Grades 9 - 12	N	Y
0506	Clothing	Course introduces and expands upon the various aspects of wearing apparel, sewing, and fashion. Information provided usually covers grooming and good health, wardrobe planning, selection, care, and repair of clothing, personal factors affecting suitable c	Family and Consumer Sciences	Grades 9 - 12	N	Y
0507	Basic Applied Design	Course in which students learn basic principles of floral arrangement and food decorating with the primary purpose of developing marketable skills. This is an intensive program involving actual preparation of floral centerpieces, corsages, and arrangemen	Family and Consumer Sciences	Grades 9 - 12	N	Y
0508	Culinary Arts	Course is designed for students interested in the food service industry. They provide instruction regarding nutrition, principles of healthy eating, and the preparation and service of food. The course may focus on a specific type of cuisine, domestic or	Family and Consumer Sciences	Grades 9 - 12	N	Y
0509	Professional Baking	Course provides basic knowledge needed to produce baked products. Instruction will include understanding ingredients, proper production methods and standard cost analysis of the product. Students are taught proper safety and sanitation requirements along	Family and Consumer Sciences	Grades 9 - 12	N	Y
0510	Upholstery	Course exposes students to the tools, materials, and techniques used to fit and repair furniture with material coverings, padding, fillers, and springs. Course content includes selection of furniture and fabric; design and construction of upholstery proje	Family and Consumer Sciences	Grades 9 - 12	N	Y
0511	Fashion Design	This course is designed to advance individual students in their chosen area of fashion. Students will be involved in advanced clothing construction, fashion illustration and writing, fashion history and trend analysis; specialty design and line developmen	Family and Consumer Sciences	Grades 9 - 12	N	Y

0512	Advanced Foods	Students will apply menu selection, culinary nutrition, and menu designs to creating weekly menus for catering or other entrepreneurship projects. Students may apply for the jobs of manager, assistant manager, food and beverage director, director of sale	Family and Consumer Sciences	Grades 9 - 12	N	Y
0513	Life Skills and Life-Management	Course provides students with information in a wide range of subjects so they become better-informed consumers and more productive adults. Goal setting, decision-making, prioritizing; management of money, time, energy, stress, and resources; relationship	Family and Consumer Sciences	Grades 6 - 18	N	Y
0516	Personal Development	Course focuses on the individual, but is similar to Family Living courses. Emphasis is on personal growth, self-esteem, recognition of and resistance to negative social influences along with coping skills. Students are given the opportunity to face reali	Family and Consumer Sciences	Grades 6 - 12	N	Y
0517	Consumer Economics/Personal Finance	Course provides an understanding of the concepts and principles involved in managing one's personal finances. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and co	Family and Consumer Sciences	Grades 6 - 12	N	Y
0519	Child Care/Work Experience	Course is designed for the student interested in the childcare field. They provide basic knowledge about growth and development of children from conception to school age. Main topics include the fundamentals of working with infants, toddlers, and older	Family and Consumer Sciences	Grades 9 - 12	N	Y
0520	Elder Care/Gerontology	Course is designed for students interested in caring for the elderly. Care of the elderly, the aging process, death, and dying are dealt with in a realistic manner. Biological, physiological, social, and psychological needs and concerns of the elderly a	Family and Consumer Sciences	Grades 9 - 12	N	Y
0523	Housing/Interior Design	Course provides students with basic knowledge regarding design and decoration of places of work and living, i.e., homes, apartments, offices, restaurants, hotels. Elements of color, traffic patterns, architectural design, lighting (natural and artificial)	Family and Consumer Sciences	Grades 9 - 12	N	Y
0526	Family and Consumer Sciences Education - Integrated	Course can take many forms, but basically combine subjects within the Family and Consumer Sciences field with those from another field, such as sciences, auto mechanics or health. These courses may be team-taught by teachers from each discipline.	Family and Consumer Sciences	Grades 9 - 12	N	Y

0528	Hospitality, Tourism and Recreation	Course provides basic knowledge plus work experience for the student who is interested in a career in travel and tourism. Areas of study may cover culinary arts, lodging occupations, travel services, customer service and management of recreation, leisure	Family and Consumer Sciences	Grades 9 - 12	N	Y
0530	Entrepreneurship	Course acquaints students with the knowledge and skills necessary to own and operate their own businesses. Topics from several areas can form the content, and business management principles, economics, computer applications; mathematics and communication	Family and Consumer Sciences	Grades 9 - 12	N	Y
0532	ProStart I	Sequential course designed to introduce students to industry standards such as customer relations, accounting, food cost controls and marketing. Students are also encouraged to explore a wide variety of careers found in the hospitality and restaurant indu	Family and Consumer Sciences	Grades 10 - 11	N	Y
0533	ProStart II	Sequential course designed for students pursuing careers in hospitality/food service. This is an intensive program involving topics covering entrepreneurship and managerial techniques, portfolio and customer service skills, safety and sanitation, catering	Family and Consumer Sciences	Grades 10 - 12	N	Y
0534	Lodging Management I	Sequential course designed to introduce students to industry standards such as customer relations, accounting, management techniques, and marketing. Students are also encouraged to explore a wide variety of careers found in the hospitality and lodging/res	Family and Consumer Sciences	Grades 10 - 12	N	Y
0535	Lodging Management II	Sequential course designed for students pursuing careers in hospitality and lodging/resort industries. This is an intensive program involving topics covering entrepreneurship and managerial techniques, portfolio and customer service skills, safety and rel	Family and Consumer Sciences	Grades 10 - 12	N	Y
0539	ProStart Internship	Sequential course designed to provide the work experience component of the ProStart program of study. Student will work in an industry-based setting and be evaluated by work-based competencies. A total of 400 hours must be completed in the internship i	Family and Consumer Sciences	Grade 10-12	N	Y
0540	Introduction to Hospitality & Tourism	Course introduces students to careers in the hospitality industry, professionalism, and how to build a career in the industry. Other topics such as guest service, reservations, economic development, safety and security, maintenance can be covered.	Family and Consumer Sciences	Grades 9 - 12	N	Y

0549	Lodging Management Internship	Sequential course designed to provide the work experience component of the Lodging Management Program (LMP) program of study. Student will work in an industry-based setting and be evaluated by work-based competencies. Varying numbers of hours must be c	Family and Consumer Sciences	Grade 10 - 12	N	Y
0570	GRADS	Course is a specialized curriculum designed for students who are parents or parents-to-be who are in school, hold jobs and balance this with care of a child. Case Management is an integral part of this course. MUST BE A GRADS RECOGNIZED SITE IN ORDER TO	Family and Consumer Sciences	Grades 9 - 12	N	Y
0599	Family and Consumer Sciences Education	Other	Family and Consumer Sciences	Grades 9 - 12	N	Y
0603	Cosmetology-Licensing	Courses provide students with the knowledge and skills applicable to the care of hair, skin, and nails, and prepare students for the state's Board of Cosmetology examinations. Almost always a series of courses with a specified number of instructional hou	Cosmetology	Grade 11-12	N	Y
0604	Barbering	Courses provide students with the skills and experience to shave, style, and trim mustaches and beards, and to cut, shampoo, and style hair. Course topics include hygiene, skin and scalp disease, and use of equipment. Barbering courses may aim to prepar	Cosmetology	Grade 11-12	N	Y
0605	Cosmetology-Non licensing	Courses provide students with the knowledge and skills applicable to the care of hair, skin, and nails, but do not necessarily prepare students for the state's Board of Cosmetology examinations. Experience is gained in hair care, facials, and manicures;	Cosmetology	Grade 11-12	N	Y
0606	Cosmetology-Nail Specialization	Courses offer experience in providing manicures, pedicures, and nail extension treatments. These courses may also include topics such as hygiene; entrepreneurship, human relations, and other related subject matter.	Cosmetology	Grade 11-12	N	Y
0607	Cosmetology-Facial Specialization	Courses offer information and experience related to skin care, the provision of facials, make up application, and facial massage. These courses may also include topics such as hygiene and sanitation, human anatomy and skin conditions, entrepreneurship, a	Cosmetology	Grade 11-12	N	Y

0695	Cosmetology-Related Subjects	Courses in this category offer instruction in related topics that are necessary or helpful in cosmetology occupations; such topics may include mathematics, science, entrepreneurship, and so on.	Cosmetology	Grade 11-12	N	Y
0698	Cosmetology Internship	Courses provide work experience in the cosmetology field, and are supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, improvement of employability skills,	Cosmetology	Grade 11-12	N	Y
0699	Cosmetology - Other		Cosmetology	Grade 11 - 12	N	Y
0702	Drafting-General	Courses usually offered as a sequence of courses, introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications, and then refine the skills necessary for this craft. Drafting-General courses use exe	Drafting	Grade 9 - 10	N	Y
0703	Drafting-Architectural	Courses introduce and refine the technical craft of drawing illustrations to represent and/or analyze design specifications, using examples drawn from architectural applications. General drafting skills are developed, but a particular emphasis is placed	Drafting	Grade 10-12	N	Y
0704	Drafting-Civil/Structural	Courses introduce and refine the technical craft of drawing illustrations to represent and/or analyze design specifications, using examples drawn from civil engineering and/or structural applications. General drafting skills are developed, but a particular	Drafting	Grade 10-12	N	Y
0705	Drafting-Electrical/Electronic	Courses introduce and refine the technical craft of drawing illustrations to represent and/or analyze design specifications, using examples drawn from electric and/or electronic fields. General drafting skills are developed, but a particular emphasis is	Drafting	Grade 10-12	N	Y
0706	Drafting-Technical/Mechanical	Courses introduce and refine the technical craft of drawing illustrations to represent and/or analyze design specifications, using examples drawn from industrial applications. General drafting skills are developed, but a particular emphasis is placed on	Drafting	Grade 10-12	N	Y

0707	CAD Design and Software	Frequently offered as an intermediary step to more advanced drafting courses (or as a concurrent course); CAD Design and Software courses introduce students to the computer aided drafting systems available in the industry.	Drafting	Grade 10-12	N	Y
0712	Blueprint Reading-General	Courses provide students with the knowledge and ability to interpret the lines, symbols, and conventions of drafted blueprints. The general emphasis is on interpretation, not production, of blueprints, although the courses may provide both types of exper	Drafting	Grade 10-12	N	Y
0713	Blueprint Reading-Related	Courses provide students with the knowledge and ability to interpret the lines, symbols, and conventions of drafted blueprints specific to a given industry. Blueprint Reading-related courses are typically taken in conjunction with courses in the related	Drafting	Grade 10-12	N	Y
0795	Drafting-Related Subjects	Courses in this category offer instruction in related topics that are necessary or helpful in drafting occupations; such topics may include mathematics, art, design, technical reading, or other related topics.	Drafting	Grade 10-12	N	Y
0796	Drafting-Independent Study	Courses often conducted with instructors as mentors enable students to explore drafting related topics of interest in greater depth and detail. Independent Study courses may serve as an opportunity to expand expertise in a particular industry application	Drafting	Grade 10-12	N	Y
0798	Drafting-Co-Op	Courses provide work experience in marketing careers, and are supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, improvement of employability skills, or	Drafting	Grade 11-12	N	Y
0799	Drafting	Other	Drafting	Grade 9 - 12	N	Y
0871	Super Computer Challenge	Computer course for advanced math students. A year long science math engineering or computer science project will be developed in FORTRAN that meets the criteria set by the New Mexico Supercomputer Challenge. Students will become familiar with using UNIX	Elective Activities		N	Y

0880	Job for America's Graduates (JAG) Career Awareness	Course includes in-classroom instruction for high school sophomores. Students will develop the following competencies in a structured JAG curriculum: Career development encompasses students' awareness of special aptitudes, abilities, interests, life goal	Elective Activities	Grade 9 - 12	N	Y
0881	Job for America's Graduates (JAG) Career and Job Exploration	Course includes in-classroom instruction for high school juniors. Students will develop the following competencies in a structured	Elective Activities	Grade 9 - 12	N	Y
0882	Job for America's Graduates (JAG) Employability and Advancement	Course includes in-classroom instruction for high school seniors. Students will develop the following competencies in a structured JAG curriculum. Students build on prior competencies and added competencies in job attainment and job survival skills: Car	Elective Activities	Grade 11 - 12	N	Y
0901	Introduction to Automobiles	Course primarily intended as a personal automobile technician course, but also designed for students exploring future careers in automotive technologies. Introduction to Automobiles courses offer an introduction to the various mechanical systems in autom	Energy, Power and Transportation Technologies	Grade 9	N	Y
0911	Introduction to Transportation	Course introduces the principles underlying various kinds of technicians (aircraft, auto, diesel, and marine) and how energy is converted, transmitted, and controlled. The courses also provide information on career opportunities within the field of mecha	Energy, Power and Transportation Technologies	Grade 9	N	Y
0912	Automotive Technology- Comprehensive	Course emphasizes the diagnosis and repair of automobile engines and support systems such as brakes, cooling, drive trains, electrical/electronics components, emission, fuel, ignition, steering, suspension, and transmissions. The comprehension and use of	Energy, Power and Transportation Technologies	Grade 9	N	Y
0913	Particular Topics in Automotive Technology	Course provides instruction in particular topics in the field of auto technology. Although typically covering the diagnosis and repair of automobiles, these courses concentrate upon or emphasize a particular system or condition, such as transmissions, br	Energy, Power and Transportation Technologies	Grade 9	N	Y
0914	Automotive Service	Course emphasizes preventative auto maintenance and automobile troubleshooting. Course content typically includes tune up, oil change, and lubrication skills; tire replacement, alignment, and balancing; and basic knowledge of brake, cooling, electrical,	Energy, Power and Transportation Technologies	Grade 10-12	N	Y

0915	Diesel Mechanics-General	Course prepares students to maintain and repair diesel engines and related systems. Specific course topics may include principles underlying diesel engines, analyzing electrical circuits and systems, troubleshooting and repairing cooling systems, testing	Energy, Power and Transportation Technologies	Grade 10-12	N	Y
0916	Particular Topics in Diesel Mechanics	Course covers specific topics relevant to occupations involving the maintenance and repair of vehicles with diesel engines, such as buses and trucks. One topic (or several closely related topics) concerning diesel mechanics is covered in specific detail	Energy, Power and Transportation Technologies	Grade 10-12	N	Y
0917	Motorcycle Mechanics	Course provides training for prospective motorcycle repairers and mechanics. Topics include (but are not limited to) the maintenance of frames and suspension, wheels and brakes, and drive trains; the servicing of fuel, exhaust, and electrical systems; pe	Energy, Power and Transportation Technologies	Grade 10-12	N	Y
0918	Small Engine Mechanics	Course provides students with the opportunity to learn to service and recondition small engines. Typically, two and four cycle engines are emphasized, although content may also include others. Opportunities are provided to troubleshoot and repair speed	Energy, Power and Transportation Technologies	Grade 10-12	N	Y
0919	Marine Mechanics	Course includes the service and repair of electrical, mechanical, power transfer, hydraulic, fuel, and cooling systems as applied to boat and/or ship engines; boat rigging; trailers; and sales merchandise. Courses may also cover communication, human rel	Energy, Power and Transportation Technologies	Grade 10-12	N	Y
0922	Aircraft Power Plant	Course provides the information necessary to troubleshoot, test, repair, and install aircraft engines. Course content usually includes engine ignition, electrical, lubrication, cooling, exhaust, and fuel systems, along with aircraft instrumentation and s	Energy, Power and Transportation Technologies	Grade 10-12	N	Y
0923	Aircraft Airframe	Course offers information and instruction related to the structure and mechanics of aircraft, typically including hydraulic and pneumatic, instrumental, fuel, electrical, cabin atmosphere, and landing gear systems. Aircraft metals and coverings and relat	Energy, Power and Transportation Technologies	Grade 10-12	N	Y
0933	Automotive Detailing and Reconditioning	Course provides training for employment as an automotive body or related repairer, an automotive detailer, and a new and used car preparation person. In these courses, students learn occupational safety rules; employability and entrepreneurship skills; h	Energy, Power and Transportation Technologies	Grade 10-12	N	Y

0942	Automotive Body Repair and Refinishing-General	Course provides training for occupations involving the repair and refinishing of damaged or used cars. Course content may include (but is not limited to) stretching and shrinking auto body sheet metal; welding skills; frame and metal straightening; repair	Energy, Power and Transportation Technologies	Grade 10-12	N	Y
0943	Particular Topics in Automotive Body Repair and Refinishing	Course provides specific instruction in individual topics relevant to the repair and refinishing of automobile bodies and surfaces. One topic or several closely related topics (such as non structural part replacement, auto body welding, or plastic repair	Energy, Power and Transportation Technologies	Grade 10-12	N	Y
0944	Boat Repair/Refinishing	Course conveys a broad range of information and skills about how to repair and refinish boat mechanics, structures, and surfaces. In these courses, students become proficient in marine terminology, learn to describe types of marine manufacturing and occu	Energy, Power and Transportation Technologies	Grade 10-12	N	Y
0953	Aviation	Course provides an understanding of the science of flight and typically includes the history, regulations, and possible career paths within the aviation industry. Physics, the relationships of weight and balance, principles of navigation and flight contr	Energy, Power and Transportation Technologies	Grade 10-12	N	Y
0954	Barge and Boat Operation	Course prepares students for employment as ship, boat, and barge mates, boatswains, and deck hands. These courses cover navigation, operation, maintenance, loading and unloading, and emergency procedures, as well as skills necessary for life at sea (for	Energy, Power and Transportation Technologies	Grade 10-12	N	Y
0955	Aviation II	Course is a continuation of Aviation I with emphasis in instruction in basic mechanics and instrumentation concerning an aircraft engine, airframe and GPS (Global Satellite Systems); ground school: interested students will be able to pass the private pilo	Energy, Power and Transportation Technologies	Grades 9 - 12	N	Y
0963	Energy/Power	Course focuses on one or several aspects of energy and power in transportation and work. Course content may include various sources of energy and their use in society (for example, characteristics, availability, conversion, storage, environmental impact,	Energy, Power and Transportation Technologies	Grade 10-12	N	Y
0995	Transportation Technology-Related Subjects	Course in this category offers instruction in related topics that are necessary or helpful in occupations involving transportation technologies; such topics may include mathematics, science, and/or technical reading	Energy, Power and Transportation Technologies	Grade 10-12	N	Y

0998	Transportation Technology Internship	Course provides work experience in the transportation field, and is supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, improvement of employability skill	Energy, Power and Transportation Technologies	Grade 11-12	N	Y
0999	Transportation Technology	Other	Energy, Power and Transportation Technologies	Grade 9 - 12	N	Y
1071	Business/Applied English	Course teaches students communication skills-reading, writing, listening, speaking-emphasizing applications in the "real world." The emphasis is usually on the practical application of communication as a business tool, and may focus on technical reports	English, Language and Literature	Grade 9 - 12	N	Y
1072	Applied Communications-AIT	Course uses the 15 modules developed by the Agency for Instructional Technology, Applied Communications-AIT courses focus on the language skills needed in the workplace. Gathering and using information, problem solving, presentation, evaluation, communi	English, Language and Literature	Grade 9 - 12	N	Y
1074	Communication Skills/Career Education	Course emphasizes writing, speaking, and developing skills that will afford students success throughout school and post-high school years.	English, Language and Literature	Grade 9 - 12	N	Y
1112	Drama/Stagecraft	Course is intended to promote students' experience and skill development in one or more aspects of theatrical production. Initial courses are usually introductory in nature, while the more advanced courses concentrate on improving technique, expanding th	Fine and Performing Arts	Grades 9 - 12	N	Y
1119	Drama/Stagecraft - Other		Fine and Performing Arts	Grades K - 12	N	Y
1165	Printmaking/Graphics	Course covers the same topics as Creative Art-Comprehensive courses, but focus on design principles, printmaking, and graphic design.	Fine and Performing Arts	Grades 6 - 12	N	Y

1166	Textiles	Course teaches the same lessons as Creative Art-Comprehensive courses but do so with a focus on craft. A wide range of crafts may be surveyed, or the course may focus on only one type; possibilities include weaving, macramé, quilting, batik, stitchery, a	Fine and Performing Arts	Grades 6 - 12	N	Y
1167	Crafts	Course teaches the same lessons as Creative Art-Comprehensive courses, but do so with a focus on craft. A wide range of crafts may be surveyed, or the course may focus on only one type; possibilities include calligraphy, quilting, silk screening, cake de	Fine and Performing Arts	Grades K - 12	N	Y
1171	Photography	Course exposes students to the materials, processes, and artistic techniques of taking artistic photographs. Students learn about the operation of a camera, composition, lighting techniques, and depth of field, filters, camera angles, and film developmen	Fine and Performing Arts	Grades K - 12	N	Y
1172	Film/Videotape	Course exposes students to the materials, processes, and artistic techniques involved in film or videotape. Students learn about the operation of a camera, lighting techniques, camera angles, depth of field, composition, storyboarding, sound capture, and	Fine and Performing Arts	Grades K - 12	N	Y
1175	Computer Assisted Art	Course enables students to discover and explore how the computer can be used to create or to assist in the production of various forms of artwork. Previous courses in the intended art form are usually not required for enrollment. Computer Assisted Art c	Fine and Performing Arts	Grades K - 12	N	Y
1300	Communication Exploration	Course surveys an array of topics employing graphic and technical communication, exposing students to various methods of communication such as drafting, photography, graphic arts/printing, commercial art, telecommunications, and electronic and computer ai	Graphic and Printing Communications		N	Y
1301	Graphic Communication Exploration	Course surveys a range of topics using graphic communication, exposing students to many types of printing, design, and advertising career opportunities in various industries. Techniques of various communications fields may be presented, including printing	Graphic and Printing Communications		N	Y
1311	Printing Careers Exploration	Course exposes students to the methods and tools of the industries using graphic arts and printing techniques. Opportunities and careers in the printing, newspaper, publishing and allied industries are explored as various topics related to the printing p	Graphic and Printing Communications		N	Y

1313	Graphic Arts/Printing	Course exposes students to the various tools and techniques used in the printing industry. Topics typically include (but are not limited to) design, layout, paste up, process photography, stripping, plate making, lithography, offset press operation, and	Graphic and Printing Communications		N	Y
1323	Commercial Art	Course provides students with the opportunity to explore the use of art and design in specific industries and in business as a whole. Topics, skills, and techniques covered and refined include (but are not limited to) drawing with various media, reproduc	Graphic and Printing Communications		N	Y
1333	Commercial Photography	Course provides students with the opportunity to explore the application of photography in commercial enterprises and industry. Topics may include (but are not limited to) photographic techniques, composition, printmaking, and finishing.	Graphic and Printing Communications		N	Y
1395	Graphic and Printing Communication - Related Subjects	Course offers instruction in related topics that are necessary or helpful in graphic communication, commercial arts or printing occupations; such topics may include mathematics, science, drafting, design, and so on.	Graphic and Printing Communications		N	Y
1397	Graphic and Printing Communication - OJT	Course provides work experience within the graphic communication, commercial arts or printing fields. Although the student, teacher, and employer may set goals cooperatively, classroom attendance/experience is not an integral part of the Graphic Communic	Graphic and Printing Communications		N	Y
1398	Graphic Communication-Co-Op	Course provides work experience in the graphic communication, commercial arts or printing fields, and are supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the fie	Graphic and Printing Communications		N	Y
1399	Graphic and Printing Communication	Other	Graphic and Printing Communications		N	Y
1404	Special Needs Health Education	Course focuses on the health requirements of individuals with special needs, and emphasize meeting those needs within the home setting. Information regarding the elderly and individuals with disabilities, handicaps, and/or debilitating illnesses is prov	Health Education	Grades 6 - 12	N	Y

1405	Safety and First Aid	Course provides specialized instruction in first aid techniques, cardiopulmonary resuscitation, relief of obstructed airways, and general safety procedures and behaviors. Course topics may include an overview of community agencies and hotlines providing	Health Education	Grades 6 - 12	N	Y
1406	Health for Parenting Teens	Course designed for pregnant teens and/or parents, topics within Health for Parenting Teens courses cover a wide range of both health and parenting issues. Prenatal and postnatal care, health and well being of young parents, child development, stress ma	Health Education	Grades 6 - 12	N	Y
1407	Health and Life Management	Course focuses as much on consumer education topics (such as money management and evaluation of consumer information and advertising) as on personal health topics (such as nutrition, stress management, drug/alcohol abuse prevention, disease prevention, a	Health Education	Grades 6 - 12	N	Y
1499	Health Education	Other	Health Education	Grades 6 - 12	N	Y
1501	Health Care Occupations Career Exploration	Course designed for students with a possible interest in medicine or the allied health fields, Health Care Occupations Career Exploration courses expose students to the opportunities available in a variety of occupational clusters within the health care i	Health Care Sciences	Grades 7 - 12	N	Y
1502	Health Care Occupations	Course usually offered as a series to provide orientation to, and refinement of, the knowledge and skills germane to the health care industry. Topics usually include (but are not limited to) an overview of health care delivery; patient care, including as	Health Care Sciences	Grades 9 - 12	N	Y
1503	Allied Health Occupations	Course covering the same scope of topics as Health Care Occupations course, also, enables students to choose one or several specialties to study in more detail. Course content depends upon the chosen field (such as physical or respiratory therapy, geront	Health Care Sciences	Grades 11 - 12	N	Y
1504	Nursing-CNA	Course covering the same scope of topics as Health Care Occupations courses, the Nursing course places a special emphasis on the particular competencies required of nurses and/or nursing assistants and aides. Topics may include normal growth and developme	Health Care Sciences	Grades 9 - 12	N	Y

1505	Nursing-LPN	Course covering the same scope of topics as Nursing, Nursing-LPN courses delves into more detail, in order to prepare students to stand for the state's practical nurse licensing examination. Nursing-LPN courses provide the knowledge and experience needed	Health Care Sciences	Grades 9 - 12	N	Y
1506	Home Health Care	Course provides instruction in the care of individuals within their homes. Course content relates health care practices and procedures to the home environment, and typically includes patient care, comfort, and safety; anatomy and physiology; disease and	Health Care Sciences	Grades 10 - 12	N	Y
1513	Medical/Clerical Assisting	Course trains students in the skills that combine and relate to both the medical and clerical fields. Designed for students who are interested in clerical, secretarial, or medical assistant occupations within the health care industry, these courses devel	Health Care Sciences	Grades 11 - 12	N	Y
1514	Medical Office	Course exposes students to skills that combine and relate to both the medical and clerical fields. Designed for students who are interested in clerical/transcription occupations within the health care industry, these courses may include (but are not limi	Health Care Sciences	Grades 10 - 12	N	Y
1515	Medical Lab Technician	Course provides students with the background and skills necessary for employment in health care-related laboratories. Topics usually include anatomy and physiology; microbiology; chemistry; and laboratory techniques (including preparation and analysis of	Health Care Sciences	Grades 11 - 12	N	Y
1516	EKG Technician	Course offers students the knowledge and skills to perform electrocardiograph activities within the health care field. EKG Technology courses emphasize the cardiovascular system (function, diseases, and rhythms); EKG machinery; and the use of drugs and th	Health Care Sciences	Grades 9 - 12	N	Y
1517	Emergency Medical Technician	Course covers the same scope of topics as Health Care Occupations courses, but this course places a special emphasis on the knowledge and skills needed in medical emergency situations. Topics may include methods for lifting and transporting injured person	Health Care Sciences	Grades 9 - 12	N	Y
1518	Surgical Technician	Course covering the same scope of topics as Health Care Occupations courses, this course particularly emphasize assisting patients who have undergone surgical procedures. In keeping with that focus, topics include operation room materials, tools, and proc	Health Care Sciences	Grades 11 - 12	N	Y

1519	Central Service Technician	Course provides students with the knowledge and skills related to the procurement, handling, storage, and distribution of sterile goods and equipment. Course components may include quality assurance; infection control and isolation techniques; medical ter	Health Care Sciences	Grades 9 - 12	N	Y
1523	Dental Assisting	Course exposes students to the tools, terminology, and procedures necessary for a career in the dental industry (usually as a dental assistant). Course content covers a wide range of topics and typically includes dental anatomy and terminology; identific	Health Care Sciences	Grades 10 - 12	N	Y
1524	Dental Laboratory Technician	Course exposes students to the tools, terminology, and procedures necessary for a career in a dental laboratory. Dental Laboratory Technology courses generally cover the same scope of topics as Dental Assisting courses, but emphasize experience in making	Health Care Sciences	Grades 11 - 12	N	Y
1533	Vision Care Assisting	Course exposes students to the tools, terminology, and procedures necessary for a career in the optometric or optic field. Vision Care Assisting courses typically include the physics of light and refraction; the anatomy, physiology, and terminology assoc	Health Care Sciences	Grades 9 - 12	N	Y
1540	Sports Medicine	This course is a study and analysis of injuries commonly associated with athletes. The roles of the athletic trainer, physician and coach are examined as they relate to the physiological and psychological welfare of the athlete. The lab portion of the c	Health Care Sciences	Grades 11 - 12	N	Y
1550	Medical Anatomy & Physiology	Usually taken after Biology-First-Year courses, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, s	Health Care Sciences	Grades 11 - 12	N	Y
1595	Health Care Sciences-Related Subjects.	Course in this category offers instruction in related topics that are necessary or helpful in health care occupations; such topics may include mathematics, science, and/or communications.	Health Care Sciences	Grades 9 - 12	N	Y
1596	Health Care Sciences-Independent Study	Course conducted with instructors as mentors, enable students to explore health related topics of interest in greater depth and detail. Independent Study courses may serve as an opportunity to expand expertise in a particular specialization, to explore a	Health Care Sciences	Grades 9 - 12	N	Y

1597	Health Care Sciences-OJT	Course work experience is gained within the health care industry. Although the student, teacher, and employer may set goals cooperatively, classroom attendance/experience is not an integral part of the Health Care Sciences-OJT experience.	Health Care Sciences	Grades 12	N	Y
1598	Health Care Sciences-Co-Op	Course provides work experience in the health care industry, and are supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, improvement of employability skill	Health Care Sciences	Grades 10 - 12	N	Y
1599	Health Care Sciences-Other	Please contact Health Occupations Administrator before classifying a student in this category.	Health Care Sciences	Grades 9 - 12	N	Y
1604	Employability Skills	Like Career Exploration courses, Employability Skills courses also help students match their interests and aptitudes to career options. However, the focus of Employability Skills courses is placed on sources of employment information, job seeking and int	Technology Education	Grade 9 - 12	N	Y
1605	Diversified Occupations	Course helps students enter the work force through career exploration, job search and application, and by developing positive work attitudes and work related skills. Career planning and selection, money management, communication skills, interpersonal bus	Technology Education	Grade 9 - 12	N	Y
1606	Work Experience	Course provides general work experience, and emphasizes career guidance, job search, application, and employability skills (including refining academic and job skills and developing positive work attitudes). Students are employed, but their employment	Technology Education	Grade 11 - 12	N	Y
1611	General Technology Education	Course exposes students to the tools, machines, processes, and systems that may be encountered in manufacturing-related occupations and enable students to develop the manual skills to use these tools in a variety of applications. The courses also explore	Technology Education	Grade 9 - 10	N	Y
1612	Materials and Processes.	Similar to Technology Education courses in that they expose students to the tools, machines, and systems that may be encountered in manufacturing related occupations. Materials and Processes courses relate this exposure particularly to the analysis, tes	Technology Education	Grade 9 - 12	N	Y

1613	Metal and Wood Technology	Course includes studying the properties of metals, woods, and composites, and using these materials to design and construct functional products. Metal and Wood Technology courses enable the student to experience the process of translating an idea into a	Technology Education	Grade 9 - 12	N	Y
1614	Industrial Safety/First Aid	Course provides instruction in safe operating procedures related to various trades, as well as more general training in emergency first aid and CPR. Course topics may include the importance of standard operation procedures, agencies and regulations relat	Technology Education	Grade 9 - 12	N	Y
1615	Introduction to Engineering Design	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. (A "Project Lead the Way" course).	Technology Education	Grade 9 - 12	N	Y
1616	Digital Electronics	Course in applied logic that encompasses the application of electronic circuitry and devices. (A "Project Lead the Way" course).	Technology Education	Grade 10 - 12	N	Y
1617	Principles of Engineering	Course explore technology systems and manufacturing processes. Students learn how engineers and technicians use math, science, and technology in engineering problem solving. (A Project Lead the Way course)	Technology Education	Grade 9 - 12	N	Y
1618	Computer Integrated Manufacturing	Course that applies principles of robotics and automation. The course builds on computer solid modeling skills developed in earlier courses. Students use CNC equipment to produce actual models of their three-dimensional designs. (A Project Lead the Way	Technology Education	Grade 10 - 12	N	Y
1623	Production Systems	Course introduces students to the concepts of manufacturing technologies, from conception through production. Although courses vary, students typically analyze markets, design and develop prototypes, plan a marketing or sales strategy, manage a productio	Technology Education	Grade 10 - 12	N	Y
1624	Manufacturing Systems	Course introduces students in a general fashion to the manner in which materials are processed and transformed using various methods. Processing techniques covered may include casting, forming, separating, assembling, and finishing. The courses may also	Technology Education	Grade 9 - 12	N	Y

1625	Technology Systems	Course enable students to explore the designs, resources, processes, management, products, and analyses as they relate to information physical and bio/chemical technologies. The development, practical application, and impact of technologies are emphasize	Technology Education	Grade 9 - 12	N	Y
1626	Emergent Technologies	Course exposes students to the new technologies that affect our technological society. A wide range of technologies may be covered, but examples include video production and editing, lasers, fiber optics, electronics, robotics, technical communications,	Technology Education	Grade 9 - 12	N	Y
1627	Research and Development	Course provides students with the opportunity to focus on one or more areas of technology, creatively pursuing new knowledge or solving a technological problem, by designing and building prototypes and working models. Appropriate information is learned a	Technology Education	Grade 9 - 12	N	Y
1628	Biotechnical Engineering	A course which applies and concurrently develops secondary level knowledge and skills in biology, physics, technology, and mathematics. It includes experiences from the diverse fields of Bio-technology, Bio-engineering, Bio-medical engineering, and Bio-mo	Technology Education	Grades 10 - 12	N	Y
1629	Microelectromechanica I Systems (MEMS)	integrated Sandia National Laboratories MEMS software coupled with Auto CAD to form the basis of a fully integrated MEMS design environment. Emphasis will be placed on teaching the process involved in producing MEMS as well as the usage of tools within the AutoCAD environment to realize	Technology Education	Grades 9 - 12	N	Y
1633	Appliance Repair	Course provides students with the knowledge and experience to repair, install, and service appliances such as stoves, refrigerators, washers, dryers, air conditioners, water heaters, and so on. Students gain an understanding of the mechanics and working	Technology Education	Grade 9 - 12	N	Y
1634	Equipment Maintenance and Repair	Course prepares students to adjust, maintain, replace and repair parts of machinery and to repair tools, equipment, and machines. The courses may have a general emphasis or may focus on a specific type of machinery or on equipment related to a particular	Technology Education	Grade 9 - 12	N	Y
1643	Upholstery	Course exposes students to the tools, materials, and techniques used to fit and repair furniture with material coverings, padding, fillers, and springs. Course content includes selection of furniture and fabric; design and construction of upholstery proj	Technology Education	Grade 9 - 12	N	Y

1650	Foundations in 21st Century Skills	Introductory course that introduces workforce skills based on 7 modules of the Ford PAS curriculum.	Technology Education	Grade 9 - 12		Y
1651	Working toward Sustainability	Ford PAS course that addresses 5 modules for green and sustainable energy.	Technology Education	Grade 9 - 12		Y
1653	Getting Smart about Business	Ford PAS course that addresses 6 business based modules.	Technology Education	Grade 9 - 12		Y
1654	Manufacturing for Tomorrow	Ford PAS course that addresses 4 manufacturing modules.	Technology Education	Grade 9 - 12		Y
1655	Data, Decisions, and Design	Ford PAS course that addresses 3 design and engineering modules.	Technology Education	Grade 9 - 12		Y
1656	Living in a Global Economy	Ford PAS course that addresses 3 Global economy modules.	Technology Education	Grade 9 - 12		Y
1657	Putting Math to Work	Ford PAS course that addresses 3 personal and business finance modules.	Technology Education	Grade 9 - 12		Y
1695	Technology Education-Related Subjects	Course provides 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 Education	Grade 9 - 12	N	Y
1696	Technology Education-Independent Study	Course often conducted with instructors as mentors; enable students to explore topics of interest within one of the fields related to industry or technology.	Technology Education	Grade 9 - 12	N	Y

1699	Technology Education	Other	Technology Education		N	Y
1732	Principles of Technology	Course designed by CORD and AIT, focus on the study of the forces and laws of nature and their application to modern technology. Equilibrium, motion, momentum, energy conversion, electromagnetism, and optical phenomenon are presented in the context of cu	Life and Physical Sciences	Grade 9 - 12	N	Y
1781	Science Technology/Engineering	Course offers the opportunity to approach practical, technological problems and to use scientific, experimental skills and processes to reach solutions. Students may use a theoretical framework, or may develop prototypes and working models.	Life and Physical Sciences	Grades 5 - 12	N	Y
1793	Life and Physical Sciences Laboratory Assistant	Course offers interested students the opportunity to assist in the preparation and organization of laboratory materials. Safety techniques and the care of equipment are emphasized.	Life and Physical Sciences	Grade 9 - 12	N	Y
1794	Science Laboratory Assistant	Course is designed for the student interested in lab work. Students will learn to prepare solutions, set up lab investigations and assist the teacher in the laboratory. Student must be aware of all safety measures.	Life and Physical Sciences	Grade 9 - 12	N	Y
1801	Basic Management Concepts	A basic introductory course which will teach concepts of entry-level marketing and entry level work skills. Course orients students to marketing education/DECA. Appropriate for students with a possible interest in marketing, sales, or small business ope	Marketing	Grades 7 - 9	N	Y
1802	Principles of Marketing Fundamentals	Course focuses on the wide range of factors that influence the flow of goods and services from the producer to the consumer. This course is usually offered as a series. Marketing - Fundamentals courses include a variety of topics related to providing go	Marketing	Grades 9 - 10	N	Y
1803	Marketing-Fashion	Course covers the same scope of topics as Marketing-General courses (purchasing and distribution systems; advertising, display and sales; management and entrepreneurship, and so on), but do so with particular attention to the fashion industry. In keeping	Marketing	Grades 11 - 12	N	Y
1804	Marketing-Real Estate	Course covers the same scope of topics as Marketing-General courses (purchasing; advertising, sales; human relations, management and entrepreneurship, and so on), but do so with particular attention to the real estate industry. In keeping with the focus	Marketing	Grades 11 - 12	N	Y

1805	Marketing-Transportation	Course covers the same scope of topics as Marketing-General courses (purchasing and distribution systems; advertising, display and sales; management and entrepreneurship, and so on), but do so with particular attention to the transportation industry. In	Marketing	Grades 11 - 12	N	Y
1806	Marketing - Other Specialization	Course covers the same scope of topics as Principals of Marketing courses (purchasing and distribution systems; advertising, display and sales; management and entrepreneurship, and so on), but do so with attention to a particular industry not specified ab	Marketing	Grades 10 - 12	N	Y
1813	Warehouse Operations	Course presents marketing principles and concepts related to the receipt, storage, and distribution of goods. Course topics typically include inventory control, warehouse security, purchasing and distribution systems, and safety. Warehouse Operations co	Marketing	Grades 11 - 12	N	Y
1814	Retail Marketing	Course covers marketing principles and concepts related to the provision of goods or services directly to the consumer, emphasizing store operation, advertisement and display of goods, store security, human relations, and business management and ownership	Marketing	Grades 11 - 12	N	Y
1824	Principles of Advertising	Course expose students to the varied concepts underlying the promotion of products. The topics included in Principles of Advertising courses range considerably, but may include the psychology of advertising, a study of various media, advertising planning	Marketing	Grades 10 - 12	N	Y
1825	Principles of Selling	Course provides students with the knowledge and opportunity to develop in depth sales competencies. Types of selling, steps in a sale, sales strategies, and skills and techniques in the area of sales may all be topics of these courses.	Marketing	Grades 10 - 12	N	Y
1826	Marketing Management	Course covers the same scope of topics as Principals of Marketing courses (purchasing and distribution systems; advertising and sales; and so on) but place a particular emphasis on business management and entrepreneurship, providing exposure to common te	Marketing	Grades 11 - 12	N	Y
1830	Principals of Marketing Advanced	This course expands on, and builds on the concepts of the Principles of Marketing - Fundamentals class. Marketing Advanced is an in-depth course for the career-minded student with emphasis in the following areas: marketing and business fundamentals, bus	Marketing	Grades 10-12	N	Y

1832	Marketing Strategy	This course is designed as a capstone course for juniors and seniors to couple the marketing and economic skills students have mastered with the latest technology in marketing sales, mass media, research, and customer service presentation techniques. Emph	Marketing	Grades 11-12	N	Y
1834	Marketing Research	A business and marketing research class which engages students in research techniques and application to business problems. Students will be expected to identify a problem, research it, compile information and results, analyze the information, synthesize	Marketing	Grades 11-12	N	Y
1840	Database Design and Programming - Oracle Academy	Students analyze case studies to identify patterns and connections between information not obviously related and to develop solutions to make a business effective. The program teaches inductive reasoning to solve problems and think conceptually, systemat	Marketing	Grade 9 -12	N	Y
1850	Business Communications	Course emphasizes written reports, proposals, memos and business letters, Principles of effective business writing, business letter and solution of business problems by letter, letter of application, development of effective expression, related business f	Marketing	Grades 9-12	N	Y
1896	Marketing-Independent Study -	Course, often conducted with instructors as mentors, enable students to explore marketing related topics of interest in greater depth and detail. Independent Study courses may serve as an opportunity to expand expertise in a particular industry applicati	Marketing	Grades 11 -12	N	Y
1897	Marketing - Mentorship and Internship -	Course work experience is gained in marketing-related careers in one of several industries. This course may include work-study, internships, school-based enterprises, service learning, mentor programs, or job shadowing experiences. Standards are set for	Marketing	Grades 11 -12	N	Y
1898	Marketing Work Experience (Co-op)	This course provides opportunities for students enrolled previously or concurrently in a marketing class to gain "real world" attitudes, skills, and knowledge. This experience would allow students school release time for completion of cooperative work ex	Marketing	Grades 11-12	N	Y
1899	Marketing -	Other	Marketing	Grades 10 -12	N	Y
1905	Journalism Writing	Course introduces news, sports, feature and editorial writing in addition to advertising, headline writing, new editing and photography. Journalism provides a common core of skills in listening, speaking, reading and writing and technology in journalism	Mass Communication	Grade 9 - 12	N	Y

1911	Mass Media-Production	Course provides the technical knowledge and skills necessary for television, video, film, and/or radio production. Writing scripts, camera operation, use of graphics and other visuals, lighting, audio techniques, editing, production principles, and career	Mass Communication	Grade 9 - 12	N	Y
1921	Mass Media-Communication	Course enables students to understand and critically evaluate the role of media in society. Course content typically includes investigation of visual images, printed material, and audio segments as tools of information, entertainment, and propaganda; imp	Mass Communication	Grade 9 - 12	N	Y
1931	Photojournalism	Course exposes students to the manner in which photography is used to convey information and experiences. Typically coordinated with production of the school newspaper or yearbook, Photojournalism courses provide students with the opportunity to improve t	Mass Communication	Grade 9 - 12	N	Y
1996	Mass Communication-Independent Study	Course, often conducted with instructors as mentors, enables students to explore topics related to journalism and/or mass media. Emphasis may be placed either on extension of production skills and techniques, or on research of a particular topic of inter	Mass Communication	Grade 11 - 12	N	Y
1998	Mass Communications - Concurrent Enrollment	(Must meet current standards and benchmarks).	Mass Communication	Grade 9 - 12	N	Y
1999	Mass Communication	Other	Mass Communication	Grade 9 - 12	N	Y
2111	Introduction to ROTC	Course introduces students to the purposes and objectives of the Reserve Officer Training Corps program. As part of that introduction, course topics may include a brief history of the military branches in the United States and the basics of military drill	Military Science	Grade 9 - 12	N	Y
2112	Military ROTC	Course sequences may vary, but the primary objectives of Military ROTC courses include instruction in the history, organization, role, objectives, and achievements of a particular branch of the United States Armed Forces; development of personal fitness,	Military Science	Grade 9 - 12	N	Y
2195	Military Science - Related Subjects	Course conveys information from other subject areas, but relate the skills and knowledge specifically to the emphasized branch of service. Examples include engine mechanics, electricity/electronics courses, aviation techniques, and so on.	Military Science	Grade 9 - 12	N	Y

2199	Military Science	Other	Military Science	Grade 9 - 12	N	Y
2403	Machining	Course enables students to create machine parts using various machine tools and equipment. Course content may include interpreting specifications for machines using blueprints, sketches, or descriptions of parts; preparing and using lathes, milling machi	Precision Metalwork	Grade 9 - 12	N	Y
2404	Particular Topics in Machining	Course provides instruction in specific aspects of machining. The course may emphasize a particular type of machine, tool, or procedure, or may concentrate on a particular industrial application of machining techniques.	Precision Metalwork	Grade 9 - 12	N	Y
2412	Metalworking	Course introduces students to the qualities and applications of various metals and the tools used to manipulate and form metal into products. Through one or more projects involving metals, students develop planning, layout, and measurement skills; gain e	Precision Metalwork	Grade 9 - 12	N	Y
2413	Sheet Metal	Course exposes students to the skills and information necessary to layout, fabricate, assemble, install, maintain, and repair items and structures created from sheet metal components. Students learn the safe and efficient operation of various tools, and	Precision Metalwork	Grade 9 - 12	N	Y
2414	Welding	Course introduces students to the properties, uses, and applications of various metals. Welding courses provide experience in various processes used to join and cut metals (such as oxyacetylene, shielded metal arc, metal inert gas and tungsten arc proces	Precision Metalwork	Grade 9 - 12	N	Y
2415	Particular Topics in Welding	In these courses students gain knowledge and skills of particular aspects of welding. Examples include individual courses in each of the following types of welding: gas metal arc welding, gas tungsten arc welding, and shielded metal arc welding.	Precision Metalwork	Grade 9 - 12	N	Y
2495	Precision Metalwork - Related Subjects	Course provides students with related skills and knowledge necessary or desirable for careers in welding or machine technologies. The presentation of particular topics and skills, or their applications, may vary with the occupation or technology. For ex	Precision Metalwork	Grade 9 - 12	N	Y

2496	Precision Metalwork - Independent Study	Course, often conducted with instructors as mentors, enables students to explore metal related topics of interest in greater depth and detail. Independent Study courses may serve as an opportunity to expand expertise in a particular industry application,	Precision Metalwork	Grade 9 - 12	N	Y
2497	Precision Metalwork - OJT	Course, work experience is gained within the welding or machine technologies field. Although the student, teacher, and employer may set goals cooperatively, classroom attendance/experience is not an integral part of the Precision Metalwork-OJT experience	Precision Metalwork	Grade 9 - 12	N	Y
2498	Precision Metalwork - Co-Op	Course provides work experience in the welding or machine technologies field, and is supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, improvement of em	Precision Metalwork	Grade 9 - 12	N	Y
2499	Precision Metalwork - Other		Precision Metalwork	Grade 9 - 12	N	Y
2501	Exploration of Public Service Careers	Course exposes students to the duties, responsibilities, requirements, and career opportunities within public service. Course topics vary and may include (but are not limited to) the following: education; protective services; correction, judicial, and pro	Public, Protective and Social Services		N	Y
2503	Community Protection	Course provides students with information regarding the personnel and agencies concerned with protection of the home, city, state, and nation. Topics may include civil defense and disaster preparedness; crime prevention; pollution control; fire preventio	Public, Protective and Social Services		N	Y
2504	Public Administration	Course provides an overview of the structure, roles, and duties of public governments and associated agencies. These courses explore the foundation and evolution of the public service sector, issues related to the provision of services by governmental bo	Public, Protective and Social Services		N	Y
2513	Criminal Justice Assisting	Course trains students to understand and apply the principles and procedures essential to the U.S. criminal justice system. The principles and structure of the justice system and the law are explored; course content also typically includes traffic contro	Public, Protective and Social Services		N	Y
2523	Fire Fighting	Course offers students the opportunity to learn fire prevention and control under controlled conditions. The organization, rules, requirements, and regulations of fire departments are presented; the tools and techniques used by firefighters to control or	Public, Protective and Social Services		N	Y

2533	Teacher Assisting	Course introduces the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. Students may be trained in classroom management, student behavior, leadership and h	Public, Protective and Social Services		N	Y
2534	Educational Methodology	Course is similar to Teacher Assisting courses in that they prepare students to teach and guide others. However, these courses typically provide opportunities for students to develop their own teaching objectives, to design lesson plans, and to experienc	Public, Protective and Social Services		N	Y
2543	Civil Engineering	Course exposes students to the concepts and skills used by urban planners, developers, and builders. Students may be trained in soil sampling and analysis; topography and surveying; and drafting or blueprint reading. Additional course topics may include	Public, Protective and Social Services		N	Y
2595	Public, Protective, and Social Services-Related Subjects	Course provides students with related skills and knowledge necessary or desirable in public service careers. Such topics may include science, mathematics, or communications.	Public, Protective and Social Services		N	Y
2596	Public, Protective, and Social Services-Independent Study	Course, often conducted with instructors as mentors, enables students to explore topics of interest related to their program in greater depth and detail. Independent Study courses may serve as an opportunity to expand expertise in a particular applicatio	Public, Protective and Social Services		N	Y
2597	Public, Protective, and Social Services-OJT.	Course, work experience is gained within the public service sector. Although goals may be set cooperatively by the student, teacher, and employer, classroom attendance or experience is not an integral part of the Public, Protective, and Social Services-O	Public, Protective and Social Services		N	Y
2598	Public, Protective, and Social Services-Co-Op	Course provides work experience in the public service sector, and is supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, improvement of employability skill	Public, Protective and Social Services		N	Y
2599	Public, Protective, and Social Services	Other	Public, Protective and Social Services		N	Y

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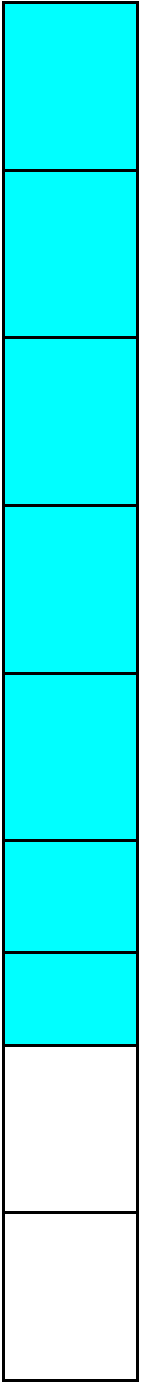
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