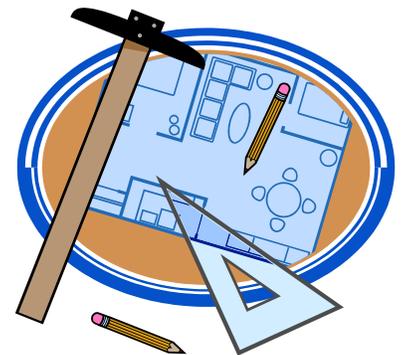
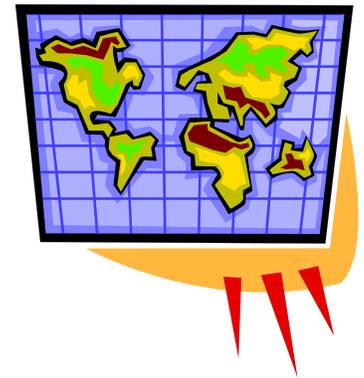
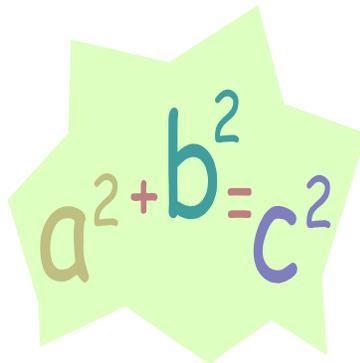
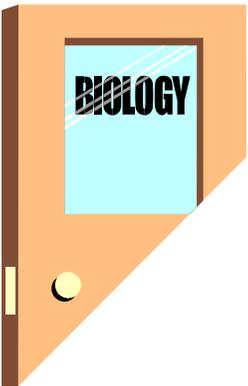


# ***TRICO HIGH SCHOOL COURSE DESCRIPTION BOOKLET 2016/2017***



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## **SENIOR HIGH GRADUATION REQUIREMENTS**

Students must obtain a total of twenty-three (23) credits in order to graduate from Trico High School. Of the twenty-three (23) credits, thirteen (13) credits plus seven (7) semesters of P.E. must be obtained from courses in the following areas:

English	4 credits
Mathematics	3 credits
Science	2 credits
Social Studies (1) (2)	2 credits
Health Education	½ credit
Consumer Education (Resource Mgt)	½ credit
Physical Education	3½ credits
Vocational Education, Foreign Language, Music	1 credit

These graduation requirements are mandated by the State of Illinois. Any questions regarding these requirements can be directed to the Guidance Counselor or High School Principal.

Courses that are shaded will not be offered in the 2016/2017 school year.

## **ENGLISH LANGUAGE ARTS**

### **FRESHMEN & SOPHOMORES**

#### **01001A000 English/Language Arts I**

English/Language Arts I (9<sup>th</sup> grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

**01002A000 English/Language Arts II** English/Language Arts II (10<sup>th</sup> grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

### **ENGLISH ELECTIVES FOR FRESHMEN & SOPHOMORES**

#### **01149A000 Composition – Other: Introductory Research (Not offered 2016/2017 school year)**

This research class will provide students with the basic skills necessary for successful high school research. This class will emphasize researching (primary and secondary sources), organizing (material, thoughts, and arguments), and writing in a persuasive or technical style. Students will write multiple research papers during this semester-long class. Research topics will be individualized to tailor each assignment to individual students and their needs/interests beyond high school. This is a writing-intensive class. Students must have an overall GPA of 4.25 or higher to enroll in this course. This course will be open to freshman and sophomore students. This is a one semester class and will count for an English half-credit.

#### **01051A000 English/Literature (freshman and sophomore): Young Adult (YA) Literature #1**

This course's aim is to improve students' language arts and critical thinking skills focusing on young adult fiction. Students will determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of the YA genre. Author's purpose and theme will be key components of this class. Oral discussion will also be an integral part this course, and many written compositions will be required. This will be a reading-intensive class, but students will be required to write frequently about the texts covered. Students must have an overall GPA of 4.25 or higher to enroll in this course. This course will be open to freshmen and sophomore students. This is a one semester class and will count for an English half-credit. Texts chosen may vary from year to year based on student interest and text availability.

#### **01061A000 Literature of a Genre: Drama and Poetry (Not offered 2016/2017 school year)**

This course's aim is to improve students' language arts and critical thinking skills focusing on drama and poetry. Students will determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of these forms of literature. Author's purpose, theme, and text structure will be key components of this class. Oral discussion will also be an integral part this course, and many written compositions will be required. This will be a reading-intensive class, but students will be required to write frequently about the texts covered. Students must have an overall GPA of 4.25 or higher to enroll in this course. This course will be open to freshmen and sophomore students. This is a one semester class and will count for an English half-credit. Texts chosen may vary from year to year based on student interest and text availability.

### **01054A000 American Literature: American Literature**

This course will focus on a selection of short stories and poems written by commonly known American authors from the 18<sup>th</sup> century to present. Topics for discussion will vary, including writing style, theme, symbolism, and the tendency of the writings to reflect the society of the time. This will be a reading heavy course, and oral discussion will be a major aspect of the grade. Some analytical writing, however, will be required. Students must have an overall GPA of 4.25 or higher to enroll in this course. This course will be open to freshmen and sophomore students. This is a one semester class and will count for an English half-credit.

### **01064A000 Literature of a People: Greek Mythology**

This course's aim is to improve students' language arts and critical thinking skills focusing on Greek mythology. Students will determine the underlying assumptions and values within the selected works, reflect upon the influence of societal events and social attitudes, and compare the points of view of various authors. Student will also analyze the impact of Greek mythology on modern literature, including novels, poems, short stories, and cinema. Oral discussion is an integral part of literature courses, and some written compositions will be required. This will be a reading-intensive class. Students must have an overall GPA of 4.25 or higher to enroll in this course. This course will be open to freshmen and sophomore students. This is a one semester class and will count for an English half-credit.

### **01065A000 Literature of a Theme: Science-Fiction**

In this course, students will examine the ways in which science fiction reflects the cultures and societal concerns of the places and time periods during which the texts were written. In reading science fiction novels and short stories from various time periods, and in watching short excerpts from science fiction movies, students will use analytical and critical thinking skills to make inter-textual and global connections. This will be a reading heavy course, and oral discussion will be a major aspect of the grade. Some analytical writing, however, will be required. Students must have an overall GPA of 4.25 or higher to enroll in this course. This course will be open to freshmen and sophomore students. This is a one semester class and will count for an English half-credit.

## **JUNIORS & SENIORS**

### **01003A000 English/Language Arts III**

English/Language Arts III (11<sup>th</sup> grade) courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

### **01004A000 English/Language Arts IV**

English/Language Arts IV (12<sup>th</sup> grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

## **ENGLISH ELECTIVE FOR JUNIORS & SENIORS**

### **01105A000 Research/Technical Writing: Advanced Research**

This advanced research class will prepare students to write collegiate-level research papers. This class will emphasize researching (primary and secondary sources), organizing (material, thoughts, and arguments), and writing in a persuasive or technical style. Students will write multiple research papers during this semester-long class. Research topics will be individualized to tailor each assignment to individual students and their needs/interests beyond high school. This is a writing-intensive class. Students must have an overall GPA of 4.25 or higher to enroll in this course. This course will be open to junior and senior students. This is a one semester class and will count for an English half-credit.

### **01104A000 Creative Writing: Creative Writing**

This class will provide students the opportunity to explore and study various genres of creative writing. They will learn techniques and skills that will enable them to create original journals, works of poetry, and short stories. The students will learn to use critical analysis in a workshop-style environment and how to edit work in groups and individually. Students must have an overall GPA of 4.25 or higher to enroll in this course. This course will be open to junior and senior students. This is a one semester class and will count for an English half-credit.

### **01053A000 Literature: Suspense and Mystery**

This course will have the aim of improving students' language arts and critical-thinking skills while focusing on the genre of mystery and suspense literature (Doyle, Fleming, Christie, Poe, etc.). Students determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of the genre. Oral discussion is an integral part of a genre-based course, and written compositions will often be required. Students must have an overall GPA of 4.25 or higher to enroll in this course. This course will be open to junior and senior students. This is a one semester class and will count for an English half-credit.

### **01052A000 English/Literature (junior and senior): Young Adult (YA) Literature #2 (Not offered 2016/2017 school year)**

This course's aim is to improve students' language arts and critical thinking skills focusing on young adult fiction. Students will determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of the YA genre. Author's purpose and theme will be key components of this class. Oral discussion will also be an integral part this course, and many written compositions will be required. This will be a reading-intensive class, but students will be required to write frequently about the texts covered. Students must have an overall GPA of 4.25 or higher to enroll in this course. This course will be open to junior and senior students. This is a one semester class and will count for an English half-credit. Texts chosen may vary from year to year based on student interest and text availability.

### **01099A000 Literature – Other: Literature in Cinema (Not offered 2016/2017 school year)**

This one-semester class explores the contributions of classic to modern literature into the realm of cinema. The course examines literary elements in films based on plays, short stories, fiction, and non-fiction. Students will view films and then often compare and contrast them to the written counterpart. Students will utilize writing skills in a variety of ways, including film guides, responses, and critiques. This will be a writing-intensive class. Students must have an overall GPA of 4.25 or higher to enroll in this course. This course will be open to junior and senior students. This is a one semester class and will count for an English half-credit.

**01151A000 Public Speaking: Speech**

This speech course will focus on public speaking, which will enable students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence. This course will be speaking and listening intensive and will require all students to deliver speeches. Students must have an overall GPA of 4.25 or higher to enroll in this course. This course will be open to junior and senior students. This is a one semester class and will count for an English half-credit.

# **MATHEMATICS**

## **02002A000 General Math**

General Math courses reinforce and expand students' foundational math skills, such as arithmetic operations using rational numbers; area, perimeter, and volume of geometric figures, congruence and similarity, angle relationships, the Pythagorean theorem, the rectangular coordinate system, sets and logic, ratio and proportion, estimation, formulas, solving and graphing simple equations and inequalities.

## **02301A000 High School Math 1 (Formerly Algebra I)**

Math 1 involves the study of linear and exponential functions (with domains in the integers), including application and interpretation of statistics and real-world situations. Students reason about functions and the number and nature of solutions to equations, systems of equations, inequalities and systems of inequalities. Students define congruence using transformational geometry. Students apply transformations to linear, exponential, piece-wise, absolute value, square root and cube root functions. They explore these function types represented algebraically, graphically, numerically in tables and by verbal descriptions.

## **02072A000 High School Math II (Formerly Geometry)**

Math 2 involves the study of quadratic and exponential functions represented algebraically, graphically, numerically in tables and by verbal descriptions. Students write equivalent radical, rational and quadratic expressions to reveal information using properties of exponents, completing the square and/or factoring. Students define similarity using transformational geometry and use this definition to prove geometric theorems. Students learn and apply trigonometric ratios, the Pythagorean Theorem and the relationship between sine and cosine to solve problems. Students recognize, calculate and use conditional probability and independence.

## **02056A000 Algebra II**

Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

## **02110A00 Pre-Calculus**

Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections' Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

## **02121A00 Calculus**

Calculus courses include the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of pre-calculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis).

## **LIFE AND PHYSICAL SCIENCES**

### **03051A000 Biology**

Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

### **03052A000 Biology-Advanced Studies (Biology II)**

Usually taken after a comprehensive initial study of biology, Biology-Advanced Studies courses biological systems in more detail. Topics that may be explored include cell organization, function, a reproduction; energy transformation; human anatomy and physiology; and the evolution and adaptation of organisms.

### **03053A000 Anatomy and Physiology**

Usually taken after a comprehensive initial study of biology, 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, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.

### **03101A000 Chemistry**

Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas, equations, and nuclear reactions are also studied.

### **03102A000 Chemistry-Advanced Studies (Chemistry II) (Not offered 2016/2017 school year)**

Usually taken after a comprehensive initial study of chemistry, Chemistry-Advanced Studies courses cover chemical properties and interactions in more detail. Advanced chemistry topics include organic chemistry, thermodynamics, electrochemistry, macromolecules, kinetic theory, and nuclear chemistry.

### **03151A000 Physics**

Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

### **03159A000 Physical Science**

Physical Science courses involve study of the structures and states of matter. Typically (but not always) offered as introductory survey courses, they may include such topics as forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions.

## **SOCIAL SCIENCES AND HISTORY**

### **04001A000 World Geography**

World Geography courses provide students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape, the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

### **04051A000 World History-Overview**

World History-Overview courses provide students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. World History-Overview courses may include geographical studies, but often these components are not as explicitly taught as geography.

### **04064A000 Contemporary World Issues (Contemporary History)**

Contemporary World Issues courses enable students to study political, economic, and social issues facing the world. These courses may focus on current issues, examine selected issues throughout the 20<sup>th</sup> century, and look at historical causes or possible solutions.

### **04101A00 U.S. History-Comprehensive (American History)**

U.S. History-Comprehensive courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

### **04151A000 U.S. Government-Comprehensive (Government)**

U.S. Government-Comprehensive courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

### **04254A000 Psychology**

Psychology courses introduce students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

### **04258A00 Sociology**

Sociology courses introduce students to the study of human behavior in society. These courses provide an overview of sociology, generally including (but not limited to) topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society.

## **FINE AND PERFORMING ARTS**

### **05052A000 Theatre Arts (Performing Arts)**

Theatre arts courses focus on the study and performance of drama including musical theatre. These courses review a wide range of scripted materials, such as plays, screenplays, teleplays, readers' theatre scripts, dramatic criticism, creation of original dramatic works, and the role of dramatic arts in society. In addition, students will work collaboratively on performances.

### **05101A000 General Band**

General Band courses develop students' technique for playing brass, woodwind, and percussion instruments and cover a variety of non-specified band literature (concert, marching, orchestral, and modern styles).

### **05110A000 Chorus**

Chorus courses provide the opportunity to sing a variety of choral literature styles for men's and/or women's voices and are designed to develop vocal techniques and the ability to sing parts.

### **05154A000 Creative Art-Comprehensive**

Creative Art-Comprehensive courses provide students with the knowledge and opportunity to explore an art form and to create individual works of art. These courses may also provide a discussion and exploration of career opportunities in the art world. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Creative Art courses focus on creation, they may also include the study of major artists, art movements, and styles.

## **PHYSICAL, HEALTH, AND SAFETY EDUCATION**

### **08001A000 Physical Education**

Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

### **08051A000 Health Education**

Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

### **08152A000 Drivers' Education-Classroom and Laboratory**

Drivers' Education-Classroom and Laboratory courses provide students with the knowledge and experience to become safe drivers on America's roadways. Topics in these courses cover legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability (including alcohol and other drugs). Experience in driving a vehicle is an essential component of these courses.

## **COMPUTER AND INFORMATION SCIENCES**

### **10004A001 Computer Concepts and Software Applications**

Computer Concepts and Software Applications is an orientation-level course designed to develop awareness and understanding of application software and equipment used by employees to perform tasks in business, marketing and management. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications, such as word processing, spreadsheets, database management, presentation software, and desktop publishing. Students will explore topics related to computer concepts, operating systems, telecommunications and emerging technologies. The development of employability skills, as well as transition skills, will be included in the course as well as an understanding to the ethical considerations that arise in using information-processing equipment and gaining access to available databases.

### **10201A000 Web Page Design**

Web Page Design courses teach students how to design web sites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages-such as Extensible Hypertext Markup, Java Script, Dynamic HTML, and Document Object Model-to develop and maintain a web page. These courses may also cover security and privacy issues, copyright infringement, trademarks, and other legal issues relating to the use of the Internet. Advanced topics may include the use of forms and scripts for database access, transfer methods, and networking fundamentals.

### **12053A001 Entrepreneurship (Business Ownership)**

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 law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication. Several topics surveyed in Business Management courses may also be included.

### **12104A001 Accounting I**

Accounting I is a course that assists students pursuing a career in business, marketing, and management. This course includes planned learning experiences that develop initial and basic skills used in systematically computing, classifying, recording, verifying and maintaining numerical data involved in financial and product control records including the paying and receiving of money. Instruction includes information on keeping financial records, summarizing them for convenient interpretation, and analyzing them to provide assistance to management for decision making. Accounting computer applications should be integrated throughout the course where applicable. In addition to stressing basic fundamentals and terminology of accounting, instruction should provide initial understanding of the preparation of budgets and financial reports, operation of related business machines and equipment, and career opportunities in the accounting field. Processing employee benefits may also be included.

### **12164A001 Product-Oriented Marketing (Product Orientation)**

Principals of marketing courses offer students insight into the processes affecting the flow of goods and services from the producer to the consumer. Course content ranges considerably as general marketing principles such as purchasing, distribution, and sales are covered; however, a major emphasis is often placed on kinds of markets; market identification; product planning, packaging, and pricing, and business management.

## **AGRICULTURE AND NATURAL RESOURCES**

### **18001A001 Introduction to the Agricultural Industry**

This course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticulture, natural resources, agribusiness management, and agricultural mechanics, will be presented. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

### **18003A001 Basic Agricultural Science**

This course builds on basic skills and knowledge gained in the Introduction to the Agricultural Industry course. Major units of instruction include agricultural research, soil science, advanced plant science, biotechnology, advanced animal science. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. Prerequisite is Introduction to the Agricultural Industry.

### **18201A000 Agribusiness Management(Not offered 2016/2017 school year)**

Agribusiness Management courses provide students with the information and skills necessary for success in agribusiness and in operating entrepreneurial ventures in the agricultural industry. These courses may cover topics such as economic principles, budgeting, risk management, finance, business law, marketing and promotion strategies, insurance, and resource management. Other possible topics include developing a business plan, employee/employer relations, problem-solving and decision-making, commodities, and building leadership skills. These courses may also incorporate a survey of the careers within the agricultural industry. Prerequisite is Introduction to Technology and Engineering

### **18402A001 Agricultural Mechanics and Technology**

This course will concentrate on expanding student's knowledge and experiences with agricultural mechanics technologies utilized in the agricultural industry. Units of instruction are: design, construction, fabrication, maintenance, welding, electricity/electronics, internal combustion engines, hydraulics, and employability skills. Careers of agricultural construction engineer, electrician, plumber, welder, equipment designer, parts manager, safety inspector, welder and other related occupations will be examined. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. Prerequisite is Basic Agricultural Science.

## **ARCHITECTURE AND CONSTRUCTION**

### **17002A001 Construction Trades I (Not offered 2016/2017 school year)**

This course provides experience related to the erection, installation, and maintenance of residential buildings and related fixtures. Planned learning activities allow students to understand fundamental principles and methods, and develop technical skills related to masonry, carpentry, and finish work. Instruction includes safety principles and practices, recognition of standard lumber sizes, foundation

layout methods, building concepts and procedures, local, state, and national codes, cost estimating, and blueprint reading. Prerequisite is Introduction to Technology and Engineering.

## **MANUFACTURING**

### **13055A001 Precision Metal Production I**

This course offers a planned sequence of learning experiences, which provide students with the opportunity to develop competencies needed for employment in a variety of manufacturing-related occupations. This course introduces students to the skills common to many occupations, such as applying safety practices, selecting materials, performing bench work operations, performing precision measurement, performing layouts, performing housekeeping and recordkeeping activities, and operating a variety of tools used for separating, forming, and combining materials. Prerequisite is Introduction to Technology and Engineering.

## **ENGINEERING AND TECHNOLOGY**

### **21052A002 Introduction to Technology and Engineering (Industrial) (Intro to Industry)**

Introduction to Technology and Engineering is comprised of the following areas: Production, Transportation, Communication, Energy, Utilization and Engineering Design but is not limited to these areas only. This course will cover the resources, technical processes, industrial applications, technological impact and occupations encompassed by that system.

## **HOSPITALITY AND TOURISM**

### **16054A001 Nutrition and Culinary Arts I (Foods I)**

This course includes classroom and laboratory experiences needed to develop a knowledge and understanding of culinary principles and nutrition for people of all ages. Course content encompasses: food service and preparation management using the decision-making process; meeting basic needs by applying nutrition concepts; meeting health, safety, and sanitation requirements; maximizing resources when planning/preparing/preserving/serving food; applying hospitality skills; analyzing nutritional needs in relation to change; and careers in nutrition and culinary arts, including entrepreneurship investigation.

### **16054A002 Nutrition and Culinary Arts II (Foods II)**

Nutrition and Culinary Arts II provides principles of application into the hospitality industry, including nutrition, culinary, and entrepreneurial opportunities. Course content includes the following: selection, purchase, preparation, and conservation of food, dietary needs and trends, regional & international cuisine, safety and sanitation, and careers in food service industries. All of these concepts can be interpreted through laboratory experiences.

## **HUMAN SERVICES**

### **19052A001 Child Development and Parenting (Child Development)**

Child Development and Parenting addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children. The focus is on research-based nurturing and parenting practices and skills, including brain development research, that support positive development of children. Students will explore opportunities in human services and education-related careers and develop a career portfolio.

### **19201A001 Textiles and Design I (Clothing I)**

This course is designed to provide basic knowledge and understanding of the design, development, and production of textile products. Through hand-on and project based learning experiences students will discover fiber characteristics, fabric construction methods, elements of science and design in textiles and apparel, and basic construction skills used in interior furnishings and apparel industries. This course emphasizes awareness and investigation of careers and industry trends in textiles.

### **19203A001 Textiles and Design II (Clothing II)**

This project-based course focuses on the implementation and recognition of design principles in selecting, constructing, altering, and remodeling textile products. Project management skills, including efficient use of time, materials, technique, and tools are incorporated throughout the course. Topics include: engineered fabric constructions; fiber and textile trends; color theory; principles of design; fabric finishes; industry construction techniques; use of industry tools, equipment, and terminology; knowledge of resources and vendors; research and evaluation of textile products for special needs populations; impacts of technology; construction, alteration and re-design skills; and simple flat pattern design and recognition.

### **19024A002 Textile and Design Occupations (Living Environments) (Not offered 2016/2017 school year)**

The Textile and Design Occupations course focuses on the study and application of functional and aesthetic design, human factors research, production planning, manufacturing processes, quality assessment, and distribution systems of textile products. Additional topics include: consumer and industry textile trends; industry specific terminology; advanced design applications; project development, management, and supervision; safety codes and procedures; portfolio development and presentation; client relationships; and individualized mastery of textile/design skills.

## **MISCELLANEOUS**

### **22004A001 Work Experience and Career Exploration Program (Career Ed)**

Course content may include study skills and individual tutorials; job preparation, readiness, application, or interview skills; communication skills; personal assessment and awareness activities; speaker presentations; and small group seminars.

### **22201A000 Family and Consumer Science-Comprehensive (Resource Management)**

Family and Consumer Science-comprehensive courses are inclusive studies of the knowledge and skills that are useful for the efficient and productive management of the home. Course topics typically include foods and nutrition; clothing; child development and care; housing design, decoration, and maintenance; consumer decisions and personal financial management; and interpersonal relationships.

### **22201A001 Introduction to Family and Consumer Science Careers (Learning Independence)**

This course introduces students to the field of family and consumer sciences and the many career opportunities available in this broad field. The course includes theory and laboratory experiences in the following content areas: Nutrition and culinary arts; textiles and design; family, career, and community leadership development; resource management; human development and life-long learning; facility design, care, and management; and interpersonal relationships and life management skills.

### **22204A001 Parenting (Not offered 2016/2017 school year)**

This course helps students understand the responsibilities, satisfactions and stresses of parenthood. Course content includes the following: managing and organizing parenting by applying decision-making and goal-setting skills; applying the basic principles of the parenting process; practicing health and safety standards as related to parenting; providing experiences which encourage parents and children to maximize resources; encouraging human relations skills in children/adolescents; community resource agencies and services; and evaluating impact on parenting of family and career changes.

**22208A000 Family Living (Adult Living) (Not offered 2016/2017 school year)**

Family Living courses emphasize building and maintaining healthy interpersonal relationships among family members and other members of society. These courses often emphasize (but are not limited to) topics such as social/dating practices, human sexuality and reproduction, marriage preparation, parenthood and the function of the family unit, and the various stages of life. They may also cover topics related to individual self-development, career development, personal awareness, and preparation for the responsibilities of a family member and wage earner.