

2020-21

CTE Middle School Course Descriptions

6th Grade Course Only- No HS Credit

MC100R - Investigating Careers - Technology

MC105R – Investigating Careers – Construction

MC160J – Investigating Careers – Hospitality and Human Services

Students in this class will learn about careers related to Science, Technology, Engineering, and Mathematics; Construction; Technology or Business and Industry. Students will develop the basic knowledge and skills in one of these career areas through project based learning activities, virtual field trips and guest speakers. The students will also research labor market information, further educational requirements, learn job-seeking skills, and create documents required for employment.

Technology/Business Courses

MC130J - Principles of Information Technology – 1 HS Credit

Students in this class will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will focus on applications that utilize personal and interpersonal skills, networking, computer programming and application development. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment. Students will receive 1 high school credit upon successful completion of this class

MC304R- Principles of Business, Finance and Marketing - 1 HS Credit

Want to learn about owning your own business? In Principles of Business, Marketing, and Finance course students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles associated with owning a business. Students will receive 1 high school credit upon successful completion of the class.

Engineering Courses

MC141J/MC146J - Gateway to Technology I, II, III & IV - 1 HS Credit per year

This course is designed to introduce and explore design through 3D computer aided design, automation, robotics, mechanics and physics. It is a course centered on engineering concepts and hands-on projects that are designed to give students an introduction to the engineering field. The students will develop problem solving, science, technological, engineering and math skills that will prepare student for a future career in any engineering field. Students will receive .5 high school credit upon successful completion of each semester course.

MC148J - Gateway to Technology Computer Programming (RMS) – 1 HS Credit

In Computer Programming course students will explore the field of computer science and the concepts of computational thinking, through the creation of mobile apps. Students are challenged to be creative and innovative, as they collaboratively design and develop mobile solutions to engaging, authentic problems. Students experience the positive impact of the application of computer science to society. Students will receive 1 high school credit upon successful completion of the class.

Human Services and Hospitality

MC 120J - Principles of Human Services - 1 HS Credit

This hands-on course will allow the student to sample and gain knowledge about careers in the human services career cluster, including counseling and mental health, early childhood, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high wage, or high demand human service careers

MC 716J - Interpersonal Studies - 1 HS Credit

Interpersonal Studies examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services. Students will receive .5 high school credit upon successful completion of the class.

MC125J - Lifetime Nutrition and Wellness - 1 HS Credit

Students in this laboratory class will learn how to use principles of wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences. Students will learn about dietary guidelines, food purchasing, food safety and sanitation, as well as food preparation and nutritional factors associated with food. Students will receive .5 high school credit upon successful completion of the class

Alternative Courses

MC135J - Touch System Data Entry (Keyboarding) - .5 HS Credit

Students will increase their speed and accuracy while learning to type by touch. Students will learn the alphabetic, numeric, and symbol keys, as well as the ten-key pad. Students will learn to format business documents such as letters, reports, outlines, and reports.

MC204J - Principles of Arts, Audio/Video Technology and Communications (BMMS) - 1 HS Credit

This course is an introduction to Arts, Audio/Video Technology and communications cluster. Students are introduced to different technology careers including Digital Imaging and Photography, Animation, Graphic Design, Audio Engineering, and Video Production. Through team and individual projects based on these careers, students improve their communication, interpersonal, and presentation skills.

MC111J - Principles of Construction (Strickland MS) - 1 HS Credit

Principles of Construction provides a solid foundation for students entering into the construction and craft skilled areas. The students will learn construction safety, construction math, hand and power tools and explore career paths in construction. Students will receive 1 high school credit upon successful completion.

MC101J - Principles of Architecture (Strickland MS) - 1 HS Credit

Like to draw houses? Principles of Architecture course provides an overview to the various fields of architecture, interior design, and construction management. Achieving proficiency in decision making and problem solving is an essential skill for career planning and lifelong learning. Classroom studies include topics such as safety, work ethics, communication, information technology applications, systems, health, environment, leadership, teamwork, ethical and legal responsibility, employability, and career development.