

MISSION TRAILS ROP/SUHSD HIGH SCHOOL CTE COURSE OFFERINGS FOR MTHS STUDENTS

ADVANCED CULINARY ARTS: This course will provide hands on training and experience. Students will learn the principles of cooking, professionalism, food safety, sanitation, buffet presentation, plate presentation, menu planning and recipes. **(Pre-Requisite Culinary 1-2, or 3-4 or Restaurant Sales)**

ADVANCED CULINARY ARTS –Food Science: This course provides advanced training in culinary arts and culinary overview and orientation to the world of food science. Students will develop competencies in academic core reinforcement, leadership, management career awareness and employability as they apply to food and nutrition. **(Pre-Requisite: Culinary 1-2, 3-4, or Restaurant Careers)**

AUTO SERVICE-INTRODUCTION: Students learn to do minor repairs and minor tune-ups, brake repair, front end alignment, vehicle safety inspections and general lubrication service.

AUTO SERVICE- ADVANCED: Advanced course students will learn major repairs and tune-ups. Students are also trained in the electronic computer control system. **(Pre-Requisite: Introduction to Auto Service)**

COMPUTER BUSINESS APPLICATIONS/HIGH SCHOOL: Develops word processing skills with computer application programs. Teaches format and develops skills using Microsoft Office Suite. Open to students who have completed one year of Business Technology 1-2. An important class for college-bound or career directed students. **(Pre-Requisite Business Technology 1-2, 3-4)**

COSMETOLOGY/MANICURE: 400 hour Course covering all phases of manicuring and pedicuring mandated by the California Board of Barbering and Cosmetology. Prepare students to pass the California Board of Barbering and Cosmetology licensing examination and help the student obtain the knowledge and skills needed for an entry level position in the beauty field

DENTAL CAREERS: Teaches skills for dental assisting; introduces skills related to hygienist, registered and certified assistants as well as chair side assisting.

EMERGENCY MEDICAL- MEDICAL RESPONDER (Spring ONLY): Prepare students to take and pass the State of CA EMT Certification Test. Students will learn phases of basic life support and EMS. **(Pre-Requisite Intro to Law/Fire)**

EMERGENCY MEDICAL TECHNICIAN: Prepare students to take and pass the State of California EMT Certification Test. Students will learn all phases of basic life support and emergency medical services. **(Pre-Requisite- Intro to Law and Fire)**

FIRE SCIENCE & TECHNOLOGY: Students will learn basic firefighter theory and skills. Topics covered will include fire science, agency organization, regulations, and functions, firefighter safety, characteristics and behavior of fire and fire prevention and control. **(Pre-Requisite- Intro to Law and Fire)**

HEALTH OCCUPATIONS: Prepares students for employment opportunities in the areas of diagnostic, supportive and therapeutic health services. Students will learn communication skills, ethics, legalities, medical terminology, anatomy, physiology, vital signs, nutrition, body mechanics, patient observation, environmental and patient safety, and weights and measures.

INDUSTRIAL WELDING & METAL FABRICATION: Students learn to read blueprints, interpret welding symbols, cut metal and weld metal. Welding training is offered in: Shield Metal (Stick), Mig, Tig, and Oxy/Gas. Metal cutting training includes Oxy/Gas and Plasma Arc cutting.

INTRO TO LAW/FIRE: Prepare students to pursue a career as a Firefighter or a Police Officer. Students will learn many day to day aspects of routine police work and firefighter duties.

MEDICAL ASSISTING: Prepares students for employment opportunities in the area of diagnostic, therapeutic and supportive health care services.

PHYSICAL THERAPY AIDE: Prepares students in the necessary skills for assisting patients with their physical therapy program. Students will learn about anatomy and physiology, body positioning, body mechanics, vital signs, reporting, charting, communication skills, patient interaction skills, and how to apply minor physical therapy exercise in order to assist in rehabilitation of the patient. Employment opportunities may be found in hospitals, clinics, chiropractic offices, and convalescent care agencies. **(Prerequisite: Health Occupations or Intro to Sports Medicine)**

RETAIL SALES & MARKETING: Trains students to meet entry-level requirements for jobs in general retail sales and related fields. Students will develop skills in the classroom setting, which will be applied in the practical setting of a work internship. **(Pre-Requisite Business Technology 1-2 or 3-4)**

RETAIL COOP: Provides a unique combination of related classroom instruction and paid “on-the-job” training. For student’s 16 years or older who are working in one of the above areas and would like to earn up to 10 credits for the semester. All students must attend one class per week.

THEATRE TECHNOLOGY: Prepares students with the principles of design and technology as it relates to theatre industry. Lighting, sound, costume, props, scenery (sets), and stage management.

TV MEDIA PRODUCTIONS: Introduces students to the techniques and skills necessary for employment in television and video related industries. Provides students with hands-on training with television studio and production equipment. **(Pre-Requisite Business Technology or Arts in the Digital Age)**

**** 7-8 am or 1-3 pm classes only**

****10-20 Credits that meet vocational or elective requirements**

****Transportation provided for most classes (from high schools)**

****Job Skills, Portfolios, Certificates of Competence awarded**

****Internships, Community Classroom, or job Shadowing offered in some classes**

****16 years old or Junior Year-minimum age**

**** Pre-approval needed for enrollment in off-campus classes**