

Butte County Regional Occupational Program (ROP)

2009-2010 Chico Area Course Offerings

ROP can help you get the experience and skills necessary to obtain your first job or prepare you to qualify for a better job while earning high school credits. Most classes include “hands-on” internships in business and industry. People who complete ROP classes and are college bound are able to examine areas of interest before making long-term commitments. College applicants may receive priority consideration when transcripts show evidence of involvement in a related career program such as ROP, especially in many popular or highly impacted fields of study. Articulation with Butte and Yuba Colleges offers college credit and often advanced placement for completion of many ROP classes. Students may take ROP classes at any location regardless of their home school. Juniors and seniors receive priority enrollment in ROP classes that are open to sophomores. ROP class offerings and descriptions can be found on the web at www.bcoe.org/rop.

CHICO HIGH SCHOOL

- A+ Computer Repair
- Administration of Justice
- Ag Equipment Fabrication
- Business Management
- Computer Aided Design
- Fashion Design
- Networking Technology

← New Class

← New Class

PLEASANT VALLEY HIGH SCHOOL

- Administration of Justice
- Building Construction
- Culinary Arts II
- Fashion Merchandising
- Medical & Hospital Careers
- Retail Sales & Service
- Welding Fabrication



“The ROP course helped me decide what I wanted to do with my future.” C Homesley



A+ COMPUTER REPAIR (Y) Year (10-12) 5 credits per semester. Articulated for college credit at Butte College. This class prepares students to pass the industry standard A+ Computer Repair Examination. Students will learn computer terms, components and troubleshooting skills. This class covers computer operating system installation and diagnostics and step-by-step instruction on installation, maintenance, optimizing system performance and troubleshooting.

ADMINISTRATION OF JUSTICE (Y) Year (11-12) 5 credits per semester. Articulated for college credit at Butte College. This class is designed to provide students with a basic introduction to the administration of justice system in America. Emphasis will be placed on crime, punishment, rehabilitation, ethics, education and training. Instruction will include investigations, evidence handling, report writing, search and seizure protocol, patrol procedures, prison investigation and more. Students may take field trips to a variety of law enforcement related sites including prisons, crime labs, training academies and others.

AG EQUIPMENT FABRICATION (Y) Year (11-12) 10 credits per semester. Articulated for college credit at Butte College. This class provides students with training in the area of industrial welding fabrication and manufacturing. Students learn skills in the areas of welding, sheet metal work, heat treating/hardfacing, use of tools, light construction and equipment safety. Upon completion of this class, students will be qualified for entry-level jobs in welding, cutting and metal fabrication. Internships with local manufacturers offer students on-the-job learning experiences. Class objectives are focused toward optional AWS Welding Certification. Students have the opportunity to compete in FFA Career Development Events.

BUILDING CONSTRUCTION (Y) Year (10-12) 10 credits per semester. Students receive training in construction trades including layout, site preparation, concrete, framing, drywall, painting, roofing, HVAC, electrical, plumbing and blue print reading. Classroom, shop and off-site experiences allow actual construction job skills to be applied from rough-in to finish work.

BUSINESS MANAGEMENT (Y) Year (11-12) 10 credits per semester. This class provides an introduction to starting and owning a business. Instruction will include local, state and federal business requirements, business plans, types of ownership, labor laws, financing, advertising, accounting and management. Students may be placed in a variety of internship experiences that provide a real world business ownership perspective.

COMPUTER AIDED DESIGN (CAD) (Y) Year (11-12) 10 credits per semester. Prerequisites: Completion of Architectural or Engineering Design and CAD 1 & 2 or equivalent or instructor approval. This class provides students with entry-level skills in architectural design using CAD. Instruction includes commands, files, editing, orthographic projection, sectioning, dimensioning, auxiliaries, pictorial, plan development, basic 3D wire frames and architectural drawings. Students may be placed in internships that provide real-world training. This class prepares students for entry into college/university programs such as Engineering or Architecture.

CULINARY ARTS II (Y) Year (11-12) 10 credits per semester. Articulated for college credit at Yuba College. This class is a two-hour, one-year elective course. It is designed to offer many opportunities in the exploration of the food service and culinary arts industries. Students will be introduced to professional cooking, creative catering, baking and artistic food presentations. Certificates of Mastery are available in individual units. Students have the opportunity to participate in a non-paid internship with a local chef, manager or baker and have a chance for real employment. Field trips, catering projects and lots of time in the kitchen make this class a real-world experience.

FASHION DESIGN (Y) Year (10-12) 5 credits per semester. Learn the skills necessary for a career in the industry of fashion design and merchandising by learning how to design, sew, and re-style clothing; apply the principles of design; understand the relationship between history and fashion; know the characteristics, production, and maintenance of textiles; analyze fashion trends; understand the principles of pattern making and know the skills and necessary for sales and marketing in the fashion industry. Students will have the experience of planning and presenting a fashion show.

FASHION MERCHANDISING (Y) Year (11-12) 10 credits per semester. Articulated for college credit at Butte College. Prepare for an entry-level job in fashion merchandising. Instruction is provided in fashion trends, color and styles, display techniques, fabrics, salesmanship, cashiering, customer relations and fashion show coordination. Internships will take place in fashion stores.

MEDICAL AND HOSPITAL CAREERS (Y) Year (11-12) 10 credits per semester. Learn entry-level skills in hospital and medical services. Classroom training includes basic patient care, CPR and First Aid, vital signs, medical terminology and safety. Job shadows and internships may take place in a variety of hospital and medical environments including but not limited to x-ray, physical therapy, respiratory therapy, pharmacy, laboratory, medical records, cardiology, surgery and medical offices.

NETWORKING TECHNOLOGY (Y) Year (11-12) 5 credits per semester. Prerequisite: A+ Computer Repair or instructor approval. Articulated for college credit at Butte College. This class prepares students to work in computer networking. Students learn how operating systems from Microsoft, Novel and Linux are configured. Hands-on diagnostic troubleshooting of operating systems and networking hardware is provided. Topics include safety, network terminology and protocols, network standards, routers, router programming.

RETAIL SALES AND SERVICE (Y) Year (11-12) 10 credits per semester. Articulated for college credit at Butte College. This class provides training in cash register operation, inventory control, stocking, salesmanship, customer relations, advertising and display, buying, entrepreneurship and other career opportunities. Internships may take place in area retail businesses.

WELDING FABRICATION (Y) Year (11-12) 10 credits per semester. Prerequisites: completion of Welding I or II or instructor's approval. Articulated for college credit at Butte College. Students will learn skills in the areas of welding, sheet metal work, hydraulics, heat treating/hardfacing, light construction, use of tools and equipment and safety. Upon completion, students will be qualified for entry-level jobs in welding, cutting and metal fabrication. Course objectives are focused toward optional AWS Welding Certification. Students may be placed in internships for related hands-on training.