Environmental Resources – Sustainable Communities

Course Descriptions (alphanumeric order)

BA 0903
Attitude in the Workplace
This course is designed to provide the student with certain key skills in the area of attitude so that they may effectively maintain a positive attitude at the workplace and at home. The student will be introduced to the concepts of how attitudes are communicated, types of attitudes, and how to adjust one’s attitude.

BA 0904
Conflict Management
This course is designed to introduce the student to the meaning of conflict, the causes and the strategies for resolving interpersonal conflict. Emphasis will be placed on the five conflict handling modes, how to deal with difficult people and how to bring out the best in others.

BA 0908
Stress Management
This course is designed to acquaint the student with key elements of stress management. Topics will include the recognition of stress, and the benefits of stress management. Emphasis will be placed on a multitude of ways to handle stress in order to have a more productive professional and private life.

BA 0961
Strong Individuals/Strong Communities
This course is designed to strengthen participant’s organizational, leadership, time management, concentration, communication and problem solving skills while inspiring and supporting workplace and community effectiveness.

BA 0973
Triple Bottom Line Business
This course introduces students to the concept of business as a means of economic, social, and environmental contribution. Students will explore what measures define “triple bottom line “businesses where financial, ecologic, and social sustainability are equally prioritized. Knowledge gained from these investigations will enhance consumer buying, employee desirability, and entrepreneurial pursuits in today’s emerging green economy.

BA 0985
Introduction to Entrepreneurship
This course introduces students to the concept of business as a means of economic, social and environmental contribution. Students will explore what measures define “triple bottom line’ businesses where financial, ecologic, and social sustainability are equally prioritized.
Knowledge gained from these investigations will enhance consumer buying, employee desirability, and entrepreneurial pursuits in today's emerging green economy.

**BA 0987**  
**It’s Your Technology**  
This course provides an overview of current technology products, applications and services to support business. Participants will be exposed to and apply a variety of established and emerging productivity tools and technological options to optimize and enhance business functions in areas such as communications, customer service, productivity, security, marketing and financial management. Participants will develop assessment and evaluation skills for choosing, implementing and continually updating technology for business use.

**BIO 1400**  
**Environmental Principles**  
This course examines environmental principles and issues with an emphasis on applied ecology and sustainability. Topics include the structure and function of the biosphere, nutrient cycling and energy flow through ecosystems, climate change, human impacts on aquatic terrestrial ecosystems, sustainable ecosystem management, the dynamics and management of populations, community ecology, biodiversity sustainability and environmental science.

**COMS 1600**  
**Fundamentals of Communication**  
This course is intended to help students understand the role of conflict in everyday life. Instruction is provided in identifying sources of conflict in everyday life. Instruction is provided in identifying sources of conflict in private, public, and group environments. Students will practice resolving these conflicts and working toward the establishment of low-stress environments. The course emphasis is conflict management, mediation, and resolution skill development.

**CSCI 1001**  
**Introduction to Computer Science**  
This course includes discussions on the Internet, the World Wide Web, application software, the components of the system unit, sources of input & output, storage, operating systems, system software, and utility programs as well as hands-on assessments designed to teach the students the basics of word processing, building & managing spreadsheets, and creating presentations.

**ERSC 0951**  
**Greening Your World**  
Through this course, students will research and implement strategies to incorporate environmentally friendly practices at home, at work, on campus, and in their communities. Students will gain analytical skills, allowing them to fully evaluate the individual and societal costs of various consumer and production decisions. Both short and long-term costs and
benefits will be considered in researching and implementing green alternatives. Emphasis will be on renewable energy, efficiency, and conservation.

**ERSC 0952**  
**Building Performance and Efficiency**  
This hands-on diagnosis and remediation training course stresses the use of a systems approach to solve energy efficiency, health, comfort and safety problems in existing homes and buildings. Course topics include fundamental building science, systems interactions, diagnostic tools and methods, remediation techniques, combustion safety, and the practical business and marketing implications of integrating diagnostics into a business.

**ERSC 0953**  
**Tapping into Renewable Energy**  
This workshop will offer participants an overview of efficiency and renewable living options appropriate in Siskiyou County, highlighting on solar power. We will cover basic electrical concepts and introduce how to design a solar application for specific sites including grid tie and grid free systems. Participants will learn about the components and products available, be exposed to solar resources and visit solar powered sites.

**ERSC 1001**  
**Introduction to Sustainable Communities**  
This course examines the interactions between humans and global ecosystems. Students will examine a variety of environmental issues with emphasis on the social, political, and economic implications. This course explores how people perceive and relate to their biophysical environment and encourages critical analysis of how the environment impacts various cultural groups.

**ERSC 1003**  
**Outdoor Adventure Leadership Skills Lab**  
This course is an introduction to the history and philosophy of outdoor adventure education with applications to current trends and opportunities for the future. Participants will survey agencies, organizations, and programs in the outdoor industry while learning basic skills in leadership, environmental ethics, and guiding. This course includes river and mountain field trips that will allow students to apply teachings.

**GEOG 1110**  
**Environmental Geology**  
Environmental Geology introduces fundamental environmental and geologic principles and uses these concepts to study humanity’s interactions with the Earth. The course explores the origins of geologic hazards – such as earthquakes and floods- as well as strategies for mitigating their effects; the formation of Earth’s resources and the limits their use place on humanity; and the environmental effects of pollution and land-use changes caused by human activities.