

KALĀHEO & WCC PRESENT **EARLY COLLEGE**

Open to CURRENT 10th/11th Graders

Interested in a HEALTH profession?

BIOL 100: HUMAN BIOLOGY

Introduction to structure and functions of cells, tissues, organs, and systems of the human body. Topics related to physical fitness, nutrition, health, and disease. Not intended for future science majors. Upon completion of the course, the student will be able to: Use scientific reasoning to answer a question about phenomena in our natural universe or to determine the validity of a scientific claim. Distinguish between living things and inanimate objects. Relate cell structure and function to the architecture and functioning of the human body. Use information about the form (anatomy) and function (physiology) of the human body to make effective decisions about human health. Describe the interrelationships between humans and their environments.

BOT 105: ETHNOBOTANY

The scientific study of the interaction between human culture and plants, including the interrelationship of botany, socio-economics, belief systems and history that have shaped the cultural uses of plants in Hawaii, as well as Asia or the Pacific. Upon completion of the course, the student will be able to: Identify plants of major importance in various aspects of Hawaiian, Asian and Pacific Island cultures. Utilize the plants for food, medicine, and other material goods.

Interested in Hawaiian CULTURE?

HWST 140: MAHI'AI HAWAIIAN TARO CULTURE

Covers the history, lore and geographically specific methods of mahi' ai (to farm or cultivate). Emphasis on the cultivation of kalo (taro) and related staple foods. Upon completion of the course, the student will be able to: Tell the Mo'olelo (traditional history) of kalo Explain the cultural significance of kalo in Hawaiian culture Identify varieties of kalo and their characteristics Record and analyze observations of kalo cultivation Create papa ku'i 'ai (poi-pounding board)

HWST 135 KĀLAI LĀ'AU: HAWAIIAN WOODWORK & WOOD CARVING- EXTENDED TIME

Through this Hawaiian cultural woodwork and wood carving project class, students will develop both the skills needed to work effectively and safely with wood, and the cultural knowledge important to the pieces developed. As a project class, there will be specific projects and themes set by the instructor of general Hawaiian cultural interest. Students will learn different aspects and solutions in carving and creating Hawaiian cultural projects. Upon completion of the course, the student will be able to: Learn to plan and create wood working projects of Hawaiian cultural relevance or significance. Gain a deeper insight into Hawaiian cultural use of wood. Gain a deeper understanding of the cultural significance of the wood-working project the student has undertaken. Learn to work with wood in an effective and safe manner.



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