

Spring 2018

ARTHI 282-01 Special Topics: History of Design (4 credits)

A survey of the history of design from the Renaissance to present, with an emphasis on Western design. This course uses decorative arts and material culture to explore the traditions and concepts of design as they occur throughout history. Major topics include manufacturing, handcrafts, form and function, modernism, architecture, interior and landscape design, sustainable design, and fashion.

ARTST 121-01 Studio I: Stained Glass (4 credits)

This course is designed to acquaint students with three basic areas in the study and construction of stained glass; history, design concepts, and skills in cutting, soldering, and fitting glass. Basic course materials will be supplied, however students may be required to obtain additional materials necessary to complete their projects.

ARTST-121-02 Studio I: Ceramics (4 credits)

Students will explore a variety of ceramics techniques with a focus on the wheel. Students will also have the opportunity to explore the use of modeling software to create ceramic works on a 3D clay printer.

ARTST 122-01 Gadgets & Gizmos for the Sustainable Household (4 credits)

Unleash the power of your creative mind as we explore high and low-tech in the pursuit of solving problems related to daily living. Design/build opportunities include solar electricity and heat, aquaponics, micro hydro, and more. Course carries a requirement of mentoring and supporting K-12 students as they develop similar projects in the community through hands-on learning. CE credit

ARTST-221-01 Studio II: Activist Art (4 credits)

Activist art ignites dialogue, inspires demands for change, and provides platforms for reflection, collaboration, and community building. Through research and practice, we will explore relationships between art and activism, and investigate the potential for the creative process to inspire productive communication and meaningful change. Students will have the opportunity to pursue work that responds to issues that are most important to them. An emphasis will be placed on engaging with communities outside the classroom.

ARTST 221-03 Studio II: Painting (4 credits)

In this course students will learn a variety of techniques using acrylic paint, watercolor, collage, found objects, applying 3D objects to 2D surfaces to explore boundaries between drawing, painting and sculpture.

ARTST 221-04/EDUC 355-01 Studio II: Designing the Outdoor Classroom (2 credits)

This course introduces students to the outdoor classroom as a powerful learning environment for students of all ages. Emphasis is on using the creative thinking process to design both classrooms and activities to support academic achievement across disciplines through integrative and experiential learning. STEM to STEAM, Place-based, and Project-based pedagogies will be explored, as will strategies for gaining approval and institutional buy-in for adopting outdoor

learning classrooms. Students will review the history of the national No Child Left Inside movement as well as its current impact on Oregon education standards. Cross-listed with EDUC 355

ARTST 222-01/ARTST 370-01 CE: Interdisciplinary Design Studio (4 credits)

In this course students will collaborate with Pacific University's School of Occupational Therapy to provide meaningful, real-world design solutions to specific client-related issues. Projects may range from ergonomic appliance prototyping to the development of therapeutic, art-based OT workshops. Students can expect to gain hands-on experience with rapid prototyping equipment, such as 3D printers, laser cutters and the CNC milling machine as well as with the digital platforms that support them. Following the theory to practice design methodology, this course will emphasize the development of communication, decision-making, and project management skills. In combination with the Integrative Design Seminar, this course provides a comprehensive pre-professional experience as a bridge to the post-college environment. May be repeated for credit. Prerequisite: for 370, ARTST 307, Junior Standing; for 222CE, none.

BIOL 360-01 ST: Genetics of Human Disease (4 credits)

This course is a study of the genetics responsible for human disease. Students will use case studies and primary literature to delve deeper into topics which will include: include stem cell research, the Human Genome Project, modern genetic techniques, genetics of infectious disease, and diseases such as: Alzheimer's Disease, Cystic Fibrosis, autoimmune diseases, diabetes and cancer.

BIOL 360-02 ST: Science in School Gardens (2 credits)

Many schools have established school gardens that they use both for both academic and co-curricular activities. Although school gardens provide an amazing opportunity for students to learn about the process of science, there are few published materials available that focus on this use. In this course, we will develop one or more publishable inquiry science modules for elementary schools that use school gardens as laboratories. To frame our modules, we will review science standards for elementary students, existing garden curricula, and best practices in engaging students in learning the process of science. To understand how such modules would fit into existing classrooms, students will partner with local schools and teachers, observing and collaborating in activities related to school gardens and science education. Students must pass a background check to work in local schools. Students must register as volunteers with schools to complete the practicum.

BA-355-01 ST: Diversity in Organizations (4 credits)

This course examines the implications of employee diversity in organizations, an issue of increasing importance. It includes study of the changing demographics of workers, including multiple demographic groups and areas of difference important to organizational treatment and outcomes. This course examines research on treatment, access, and customer discrimination. Legislation related to diversity is also reviewed. This course also provides suggestions for individuals and organizations to increase opportunities and outcomes for workers of all backgrounds. Prerequisite: Junior standing.

CHEM 450-01 ST Materials (2 credits)

This course explores the physical properties and chemistry of materials. The focus will be on the molecular and electronic structure of solids and how that gives rise to their optical, electronic, magnetic, and physical characteristics. Current technologies such as logic devices, OLED/LEDs, PVs, and thermoelectrics will be emphasized. Analysis of papers from the primary literature will be included.

CJLS 355-01 Juvenile Justice, Delinquency (4 credits)

This course explores juvenile delinquency in relation to the general problem of crime; factors underlying juvenile delinquency including race/ethnicity, socioeconomic status, disability, and immigration status; treatment and prevention; organization and social responsibility of law enforcement; and community-based alternatives. Additional topics include the historical development of the concept of delinquency, the special status of juveniles before the law, juvenile justice procedural law, the structure and operations of the major components of juvenile justice systems, international juvenile justice practices, and contemporary reform efforts in juvenile justice.

ENGW 355-01 Research Methods in the Humanities (4 credits)

This required class for English Literature and Creative Writing majors will concentrate not only on the up-to-date methods of research used for scholarship in the Humanities, but also the traditional methods of pursuing a topic, note-taking, assimilation of materials and the presentation, written and oral, of completed research. The class is also open to non-English majors in the Humanities. Prerequisite: Junior standing or above (60 or more completed credits). (This currently exists as ENGW305 in the catalog for 2 credits. This course needs to be 4 credits, so we are testing that out this spring with a 355 course. This course is designed to be taken in the spring of junior year, in preparation for work on students' senior thesis projects.

EXMB 350-01 HypoExercise Pandemic class (4 credits)

The course examines the integration of public health and kinesiology, the effects of physical activity on health, and strategies for physical activity promotion. Students will learn of the interrelationships between various diseases and disabilities that develop with inactivity as well as how to utilize public health practice strategies for implementation of programming related to physical activity. Topics in the course focus not only on evidence-based strategies, but on key approaches to program development, implementation, and evaluation.

EXMB 350-02 Psychology of Injury/Rehab (2 credits)

This course examines the psychological factors involved in sport-related injuries and the rehabilitation process. Relevant theory and research will be discussed as well as practical applications. Some topics include: responses to injury, managing stress, mental skills used to manage injury (i.e., goal setting, motivation, confidence), social support, potential problems faced during rehabilitation, and returning to sport after injury.

HUM/IS 222-01 Intro to East Asian Studies (4 credits)

Provides a multidisciplinary approach to the study of East Asia. Through an examination of fiction, film, memoirs, historical documents, and scholarly writings, we will examine East Asia's place in the modern world. We will begin with an examination of the shared cultural and

philosophical foundations-i.e. Confucianism, Buddhism, and Daoism-that make East Asia a coherent region. We will focus on the eighteenth through twenty-first centuries, and particularly how various forms of media shed light on East Asian modernity. Also listed as HUM 222. Counts toward core requirement: International Perspectives. 4 credits.

ID 355-01 Arts Management and Marketing (4 credits)

This course will introduce students to practical skills for managing a career in the arts or working in arts organizations. Topics will include marketing, promotion, branding, mission, and web presence; fundraising and grant writing; audience development; contracts; founding and administering a nonprofit organization; and basic tax practices for individuals and companies. Through this course, students will also become familiar with resources for development, including foundations and government associations.

Prerequisites ENGW 201, 202, or 203 and one of the following: an additional 200-level (or above) class in English Writing or English Literature; OR 8 credits in Theatre and/or Applied Theatre; OR 8 credits in Art Studio and/or Art History; OR 8 credits in Dance; OR 8 credits in Media Arts; OR 8 credits in Music.

MEDA 255-01/355-01 Event Planning class (2 credits)

The objective of this course is to plan a cultural event on the Pacific University Forest Grove Campus. The event will constitute a Youth Film Festival and other arts programming. You will develop skills in the following areas: fundraising (including conducting a crowd-source fundraising campaign), social media outreach, event marketing, event planning. Students enrolled in the course at the 300 level will take on leadership roles. In the spring, students will develop a call for entries and solicit entries. The event will be hosted on campus the following fall. Students from all areas interested in the above skill-sets are encouraged to participate.

PHIL 355-01 Research & Dissemination (4 credits)

This course introduces philosophy students to public research dissemination; students will develop a previously written essay for publication or presentation, researching relevant literatures and venues. Topics of study and discussion will include research methods, thesis development, situating work in philosophical literature and dialectic, and the role of philosophy in the world. Students will also discuss, plan, and execute the Undergraduate Philosophy Conference hosted at Pacific.

POLS/GSS 255-01/355-01 Sexuality Politics in the US (4 credits)

This course examines a wide range of topics related to sexuality politics in the United States. The course will cover heterosexuality, and how it is created, constructed, and sustained, as well as the history and politics of homosexuality and bisexuality. The course covers the political and social regulation of sexual acts like miscegenation. Students will also grapple with gender and race as they have an influence on sexuality such as transgender peoples and their alliances with gay, lesbian, bisexual, and queer movements.

PH 355-01 Human Health and Disease (4 credits)

This course examines human health and disease from a public health perspective. This course will cover fundamental principles relating to prevention and control of diseases of major significance to the public's health. Brief review of prevalence/incidence of selected human

diseases. Major foci are etiology, risks, health disparities, and strategies for the control of communicable and non-communicable diseases among selected populations. Special emphasis on the importance of social and behavioral factors that influence the determinants, distribution, prevention and health promotion of the high-risk diseases of modern, industrialized and global society.

SOC 355-01 Filipinos in Hawai'i (4 credits)

Sociological theories of migration, colonization, identity, and inequality provide a lens to better understand the complexity of the historical and contemporary experiences of Filipinos in Hawai'i. This course draws upon this sociological literature to examine the racialized structures and ideologies that position Filipinos in Hawai'i's ethnic hierarchy, how this position affects Filipinos' lived experiences and life chances in Hawai'i, and how Filipinos negotiate a Filipino identity in Hawai'i. Overall, this course provides insights into the ways in which Filipinos are affected by and attempt to navigate Hawai'i's culture and social structure.

SOC 355-02 "The American Dream?: Equity, Equality, and Opportunity in the U.S (4 credits)

Drawing from classic and contemporary sociological theory and research, with a specific focus on research in stratification and inequality, this course will examine the institutional structure of American society in the context of the 'American Dream,' or: "the ideal that every US citizen should have an equal opportunity to achieve success and prosperity through hard work, determination, and initiative." We will analyze the social, political, and cultural dynamics in U.S. society and how those dynamics play out at the institutional level, with a specific aim to understand how institutional arrangements shape, enable and constrain access to fair and equitable opportunities for social mobility.

SPAN 355-01 Hispanic Culture Health Care (4 credits)

This course provides students of Spanish the opportunity to develop the cultural and linguistic skills needed to work with Hispanic patients in a variety of health care settings. Through course readings, class discussions and guest lectures, students will explore the social, cultural and political issues that affect Hispanic patients' health and access to health care in the US. Students also will learn and practice the Spanish language structures that are most commonly found in health care settings. Note however that the focus of the class is on culture; this is not a medical terminology course. Taught in Spanish. Prerequisite: SPAN 202.

SPAN 300 Independent Study "Modern Mexican Literature and Culture" (4 credits)

IMPORTANT NOTE: AS AN INDEPENDENT STUDY THIS CLASS IS NOT IN BOXER ONLINE. Contact Prof. Christoph to make registration arrangements. In this course, students will examine 20th and 21st century Mexican literature, history and culture—including art and some music. Taught in Spanish, with abundant opportunities to improve reading, writing, speaking and listening skills in Spanish. Note: This course will be taught in conjunction with Span 406, but at the 300-level. Students from both levels will attend class together, but Span 406 students will have additional assignments and responsibilities, including a research project. Prerequisite: SPAN 202 or equivalent.