

Graphic Design Technology

GRAP 103 Introduction to Graphic Design

Prerequisite: None

Credit Hours: 3

An introduction to fundamental design principles and theories of graphic communication. Emphasis will be placed on the graphic design process and the development of skills to solve two-dimensional graphic design problems. Graphic design careers, trends, and technology will also be explored.

GRAP 107 (1099) Introduction to Desktop Publishing

Prerequisite: None

Credit Hours: 3

This introductory course into the Macintosh computer explores basic computer skills, with emphasis given to page layout for desktop publishing. Students will learn basic skills using design and illustration, photo-imaging, and page layout software.

GRAP 113 (1136) Packaging Design

Prerequisite: None

Credit Hours: 3

This course will emphasize the application of graphic design elements to various three-dimensional forms. Creative solutions to the design and assembly of product packaging and displays using traditional materials and digital design tools will be explored. Students will conceptualize visually and verbally, sketch ideas in a rough form, and develop final concepts into three-dimensional mockups with computer-generated graphics.

GRAP 118 (1117) Typography

Prerequisite: None

Credit Hours: 3

An introduction to the theory and practice of typographic design. The principles of type are studied focusing on letterforms, point size, kerning, leading, and appropriate type selection. The study and identification of type families and categories will be emphasized. Students will learn the typographic elements and techniques by which they can effectively communicate to a mass audience. Instruction will consist of lecture, class discussion, and projects.

GRAP 120 (1028) Color Theory

Prerequisite: None

Credit Hours: 3

This course explains the basic principles of color as applied to pigment, light, and print. Color psychology, symbolism, manipulation, sensation, temperature, and harmonies, stimulate further inquiry into graphic design and client/sales persuasion. The course uses lecture, discussion, and color exercises to explore color theory and application.

GRAP 122 (1112) Illustration

Prerequisite: None

Credit Hours: 3

This course focuses on illustration as a communicative device in developing total design concepts to solve graphic problems of professional scope and complexity in a variety of digital and traditional media. Traditional techniques are utilized to create original illustrations, and then digital techniques are applied to reproduce the illustration digitally using appropriate software. The student will apply the elements and principles of design as well as layout techniques to incorporate the illustration into a final digitized design. (Examples: postage stamp illustration will be digitally reproduced as a sheet of stamps, editorial illustration will be integrated into an editorial page layout, etc). Illustration for all design disciplines (fashion, graphics, product, interiors and environmental) will be discussed as well as illustration trends in the field.

GRAP 128 (1097) Digital Animation

Prerequisite: None

Credit Hours: 3

*Refer to the Placement Testing Procedure 3.22, page 25 ** Refer to Course Transfer, page 20

An introductory level course in computer graphics animation. Creating moving images for Internet and multi-media applications will be featured.

GRAP 130 (1114) Advertising Design

Prerequisite: None

Credit Hours: 3

An advanced course dealing with the relationship of the designer to different audiences. The potential of graphics as a vehicle for communication in signage, editorials, print, posters, television, radio, and displays. Traditional and electronic media will be utilized to develop concepts specific to a client's needs and/or constraints. Design trends will be explored as pertaining to different graphic materials will be discussed.

GRAP 200 (1116) Portfolio Development

Prerequisite: None

Credit Hours: 3

In this course, the student will develop a portfolio of work that demonstrates the conceptual abilities and technical skills necessary to gain employment in the field of graphic design. Creative marketing and self-promotion techniques will be discussed to assist the student in developing and designing a personal identity package that includes a creative resume, business card, letterhead and personal logo in preparation for seeking employment. Interviewing techniques, business practices, professional associations, resources, and job-seeking skills, specific to the field of graphic design, will be discussed.

GRAP 202 Digital Photography

Prerequisite: None

Credit Hours: 3

Digital Photography is a study of current electronic imaging processes related to photography. Digital cameras will be used to capture images. Adobe Photoshop software and computers will serve as the digital darkroom.

GRAP 203 Digital Photography II

Prerequisite: GRAP 202 Digital Photography

Credit Hours: 3

This course builds upon photographic skills learned in Digital Photography. Students will learn advanced digital photography practices and photo editing techniques, with an emphasis on developing a personal vision and style. Upon completion of this course, students should be able to produce well-executed images using a variety of photographic and photo manipulation methods.

GRAP 204 (1137) Digital Illustration

Prerequisite: None

Credit Hours: 3

This course will focus on using the Macintosh computer as an Illustrative/Graphic Design tool. Students will create graphics and illustrations using Adobe Illustrator. The use of design and illustration is emphasized.

GRAP 206 (1140) Photo Editing Software

Prerequisite: None

Credit Hours: 3

This is an introductory course in photo-imaging using the computer, a scanner, a digital camera, and Adobe Photoshop software. Students will learn to create and manipulate photo images and incorporate those images into graphic design. Image quality and the use of photography in the design process will be emphasized.

GRAP 208 (1139) Website Design Software

Prerequisite: None

Credit Hours: 3

This course will feature Adobe Dreamweaver software. Students will learn about creating web pages and then create one for their online portfolios. These pages will be linked to the Lafayette Community College Graphic Design page for use by the students as a web presence as they seek employment.

*Refer to the Placement Testing Procedure 3.22, page 25 ** Refer to Course Transfer, page 20

GRAP 210 (1143) Digital Page Layout

Prerequisite: None

Credit Hours: 3

Using Adobe InDesign as the page layout program, students will incorporate graphics, scanned images, digital photography and text into various design projects. Concept development, design quality and effectiveness of communication will be emphasized.

GRAP 216 (1138) Graphic Design Print Media

Prerequisite: None

Credit Hours: 3

This course will focus on pre-press file preparation. Emphasis will be on digital preparation of print files for commercial printing and for online applications.

Health Care

HEAL 101 (5280) Cardiopulmonary Resuscitation

Prerequisite: None

Credit Hours: 0.5

Students will review didactic material concerning: CPR theory, when to initiate/discontinue CPR, proper compression and ventilation techniques, Heimlich maneuver (FBAO relief), hazards of CPR, assessment skills. Students will demonstrate: proper compression and ventilation techniques (on mannequins), Heimlich maneuver for clearing an obstructed airway, to include pregnant and obese patients, and reasonable assessment skills

Students will pass the 50-question written examination with a minimum score of 80%.

HEAL 103 First Aid/CPR

Prerequisite: None

Credit Hours: .5

This course is designed to teach the basic levels of first aid and CPR for the layperson until medical help arrives. The course will help individuals recognize emergencies and make appropriate decisions regarding care.

HEAL 121 (5211) Nurse Aide: Geriatric

Prerequisite: Two-Step TB Skin Test and Accuplacer Reading Test

Credit Hours: 6

State-approved course which prepares the student to take the Kansas examination for nurse aide certification. Identify and apply in the clinical setting the basic concepts and principles of resident welfare, safety, psychosocial needs of residents, resident rights, rehabilitation, and legal and ethical responsibilities. Apply the knowledge of basic disease process, aging process, and nursing procedures to the care of residents encountered in a long-term care facility. Students should be able to lift 100-150 pounds.

HEAL 129 (1853) Home Health Aide

Prerequisite: Must be Certified Nurse Aide (CNA)

Credit Hours: 1

Prepares student to take the state examination for Home Health Aide. Familiarizes the student with the functions and purposes of home health agencies and prepares the student to work as a home health aide. Tasks performed by the home health aide may include but are not limited to: assisting the client to bathe, dress and groom; safely assisting clients in ambulation; maintaining a record of services provided as well as observations of the apparent status of client's condition; preparing and serving foods following specialized diets; cleaning the client's environment including changing of bed linens and laundry tasks; and performing a variety of miscellaneous duties as prescribed in a written plan of care.

HEAL 131 (5212) Medication Aide

Prerequisite: Kansas Certified Nurse Aide License, Two-Step TB Skin Test, Accuplacer Reading Test, and Pre-Algebra Test

Credit Hours: 5

This course is intended to prepare participants to safely perform the standard duties of a medication aide within Kansas licensed adult care homes. Material will be presented through online forums, quizzes, and critical thinking activities with instructor support.

*Refer to the Placement Testing Procedure 3.22, page 25 ** Refer to Course Transfer, page 20