

ABOUT THE PROGRAM

Have you been told you have creative and visualization skills? Do you enjoy analyzing design decisions and often think it could have been done better? If you are attracted to the design elements of color, type, shape, illustration, and layout, then creating web sites and print-ready design solutions can be a very satisfying career choice. Graphic and web designers often thrive on competition and creative license; however, they must constantly adapt to the best solutions for the client. This field can draw out your creative talents and expand your business and marketing expertise. A minimum keyboarding skill of 25 wpm is recommended.

PROGRAM OUTCOMES

- Apply the principles of design to develop strategic marketing and communication products and services.
- Demonstrate proficiency in the use of design software, tools, and technology.
- Implement creative solutions from concept through completion using a formal process.
- Apply effective legal and ethical business practices and project management skills.
- Communicate artwork rationale in formal and informal settings.
- Demonstrate creative abilities and software knowledge when developing websites and press-ready electronic files.

ADMISSIONS STEPS

- Work with Admissions Specialist to:
 - Submit application and \$30 fee.
 - Complete an assessment for placement (Accuplacer or ACT).
 - Submit official transcripts (high school and other colleges).
- Meet with program advisor/counselor to discuss program details.

APPROXIMATE COSTS

- \$132 per credit (resident)
- \$198 per credit (out-of-state resident)
- Other fees vary by program (books, supplies, materials, tools, uniforms, health-related exams, etc.) Visit gotoltc.edu/financial-aid/tuition-and-fees for details.

PLACEMENT SCORES

Accuplacer/ACT scores will be used to develop your educational plan. Contact your program advisor/counselor for details.

CAREER & EDUCATION ADVANCEMENT OPPORTUNITIES

LTC credits transfer to over 30 universities. For more information visit gotoltc.edu/future-students/transfer.

CONTACT

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Catalog No.	Class Title	Credit(s)
Term 1		
10106162	Computer Platform Essentials	1
10152111	Emerging Web Trends	1
10201101	Design Fundamentals	3
10201108	Photoshop	3
10201109	Illustration	3
10801195	Written Communication OR 10801136 English Composition 1	3
10809198	Introduction to Psychology	3
		17
Term 2		
10103181	Word 2013-Level 1	1
10103131	Excel 2013-Level 1	1
10201114	Typography	2
10201115	Digital Photography	2
10201110	InDesign	3
10152196	Web Development 1	3
10804123	Math with Business Applications OR 10806112 Principles of Sustainability	3
10801196	Oral/Interpersonal Communication	3
		18
Term 3		
10201117	Career Essentials	2
10152118	Website Development Advanced	3
10152106	Integrated Web Concepts	4
10201106	CSS for Advanced Web Design	3
10201111	Production Essentials	2
10809196	Introduction to Sociology	3
		17
Term 4		
10201103	Advanced Computer Graphics	3
10152122	Multimedia Concepts	3
10201113	Publication Design	3
10201105	Internship for Graphics and Web Design	1
10809195	Economics	3
10809122	Introduction to American Government	3
		16
		TOTAL 68

*Curriculum and Program Acceptance requirements are subject to change.
Program start dates vary; check with your advisor/counselor for details.*



ADVANCED COMPUTER GRAPHICS...provides the learner with enhanced knowledge and skill in the use of design, illustration and page layout software through the creation of a variety of design projects. Emphasis is on original, strong images and type integration, as well as preparing files for press. **PREREQUISITE:** 10201101 Design Fundamentals and 10152106 Integrated Web Concepts and 10201110 InDesign and **COREQUISITE:** 10201113 Publication Design and **CONDITION:** 102012 Graphic and Web Design Admission Requirements Met

CAREER ESSENTIALS...will teach students how to create effective career documents for a job search such as Graphic and Web Designer including resume, business card, and cover letter. Students will also learn how to set up a freelance business, how to find jobs as a freelancer, and the basics of owning their own business. Students will analyze their design strengths and gather portfolio artifacts that showcase their skills in the Graphic and Web Design field.

COMPUTER PLATFORM ESSENTIALS...will teach essential functions of using both a PC and a Mac platform. Saving files, copying files, moving files, making folders, searching for files, renaming files, and recognizing file extensions will be covered.

CSS FOR ADVANCED WEB DESIGN...further explores the range of design methods made possible by Cascading Style Sheets (CSS) and how it can be used for creating progressive and contemporary Website designs. The course will cover imagery, typography, effects, and themes as they relate to CSS and Website design. **PREREQUISITE:** 10152196 Web Development 1

DESIGN FUNDAMENTALS...introduces the learner to the elements of art (line, texture, color, shape and value.) Students will investigate how these elements can be manipulated using various principles of design to achieve different effects. Basic color theory, historic eras, and emerging trends will be covered.

DIGITAL PHOTOGRAPHY...will help the individual understand photographic principles and file manipulation. Through in-class discussions, audio visuals, camera demonstrations, and in-the-field shooting sessions, the individual will learn shooting and lighting techniques designed to capture a better image. Printing, cropping, retouching and file management will also be covered.

ECONOMICS...provides the participant with an overview of how a market-oriented economic system operates, and it surveys the factors which influence national economic policy. Basic concepts and analyses are illustrated by reference to a variety of contemporary problems and public policy issues. Concepts include scarcity, resources, alternative economic systems, growth, supply and demand, monetary and fiscal policy, inflation, unemployment and global economic issues. **COREQUISITE:** 10838105 Intro Reading and Study Skills or equivalent

EMERGING WEB TRENDS...introduces students to the most current developments in the Web. Using resources and tools for staying current in relation to new technologies and trends related to Web design, development and marketing, students will assess current Web trends as they apply to their chosen profession.

EXCEL 2013 - LEVEL 1...introduces the student to creating, modifying and formatting worksheets; entering formulas and functions; working with charts; and developing multiple-sheet workbooks. This course is offered in a self-paced format.

ILLUSTRATION...prepares the learner to use Adobe's standard vector graphics software to create digital art. The course will cover the basics of computer illustration and its use in print and web media. Students will work with objects, the pen, brushes, text, color, special effects, symbols, and gradients as they create portfolio-quality art.

INDESIGN...prepares the learner to use a professional page layout program. Learners will develop brochures, mailers, business documents and newsletters by implementing text layout techniques, using multiple master pages, managing styles, using text adjustment tools, working with libraries, and managing long documents for print production. Projects developed will be used to build the students' portfolio. **PREREQUISITE:** 10201101 Design Fundamentals

INTEGRATED WEB CONCEPTS...introduces the student to the three major components of the Web -- design, development, and marketing. A common course among Graphic and Web Design, Web and Software Developer, and Marketing, students from each program will be responsible for working in teams and to coordinate projects and present their industry to students from the other programs. **PREREQUISITE:** 10104102 Prin of Mktg and 10152187 Web Dev 3 and **COREQUISITE:** 10201106 CSS for Adv Web Design and **CONDITION:** 101527 Web & Software Developer or 102012 Graphic & Web Design or 101043 Mktg prog requirements met

INTERNSHIP FOR GRAPHIC AND WEB DESIGN...requires students to complete 72 hours of performing work in a business/industrial service setting related to their program objectives. Students are responsible for seeking and obtaining the internship workstation position. Course requirements include maintaining a log of work activities, identifying and receiving approval from the job supervisor and instructor, and completing a work-related project. The field study may be substituted based on instruction decision. Students meet periodically at LTC. **COREQUISITE:** 10201113 or 10201104 Publication Design and 10152117 Introduction to Flash and 10201111 Production Essentials and **CONDITION:** 102012 Graphic and Web Design program requirements met

INTRODUCTION TO PSYCHOLOGY...introduces students to a survey of the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. It directs the student to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings. **COREQUISITE:** 10838105 Intro Reading and Study Skills or equivalent

INTRODUCTION TO AMERICAN GOVERNMENT...introduces American political processes and institutions. It focuses on rights and responsibilities of citizens and the process of participatory democracy. Learners examine the complexity of the separation of powers and checks and balances. It explores the role of the media, interest groups, political parties and public opinion in the political process. It also explores the role of state and national government in our federal system.

INTRODUCTION TO SOCIOLOGY...introduces students to the basic concepts of sociology: culture, socialization, social stratification, multi-culturalism, and the five institutions, including family, government, economics, religion, and education. Other topics include demography, deviance, technology, environment, social issues, social change, social organization, and workplace issues. **COREQUISITE:** 10838105 Intro Reading and Study Skills or equivalent

MATH WITH BUSINESS APPLICATIONS...covers real numbers, basic operations, linear equations, proportions with one variable, percents, simple interest, compound interest, annuity, apply math concepts to the purchasing/buying process, apply math concepts to the selling process, and basic statistics with business/consumer applications. **PREREQUISITE:** 10834109 Pre-Algebra or equivalent and **COREQUISITE:** 10838105 Intro Reading and Study Skills or equivalent

MULTIMEDIA CONCEPTS...will teach students how to create various multimedia elements including video, audio, and basic animation and learn how to incorporate these elements into web pages. **PREREQUISITE:** 10152196 Web Development 1

ORAL/INTERPERSONAL COMMUNICATION...provides students with the skills to develop speaking, verbal and nonverbal communication, and listening skills through individual speeches, group activities, and other projects. **COREQUISITE:** 10838105 Intro Reading and Study Skills or equivalent

PHOTOSHOP...introduces the learner to using Adobe Photoshop to edit, enhance, and combine digital images which are prepared for print and web media. Topics will include photo correction, masks, channels, page backgrounds, brushes and optimizes images for web use.

PRODUCTION ESSENTIALS...will differentiate between methods of printing, explain color separations, examine operating systems, explore color systems, explain color calibration, practice color correcting techniques, recognize file formats and terms, explore layout and drawing output, manage fonts, prepare documents for trapping, output files to PDF format, preflight files, proof files, and access Adobe Bridge. **PREREQUISITE:** 10201110 InDesign

PUBLICATION DESIGN...will focus on creating and designing print material using desktop publishing software. A variety of documents, including brochures, annual reports, flyers, magazine articles, and multipage documents are created. Integrating Microsoft Office products with Adobe products are explored. The emphasis is on design and preparing files for print. **PREREQUISITE:** 10201110 InDesign, 10201108 Photoshop, 10201108 Illustration

TYPOGRAPHY...introduces the learner to the fundamentals of Typography. Emphasis is on the structure and form of type and how it is used in contemporary graphic design. Projects explore the history of type, and the creation of design using type elements.

WEB DEVELOPMENT 1...introduces the students to web page design principles and proceeds to teach students how to create their own visually appealing designs for the web. Students will have hands-on experience using current versions of Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) to code and format accessible, valid, and optimized web sites. Websites will be published live on the web using FTP.

WEBSITE DEVELOPMENT ADVANCED...builds on student knowledge of XHTML and web design software. Student knowledge is extended beyond basic page design to include web page interaction and dynamic page building. Students will have hands-on experience developing complex web pages. **PREREQUISITE:** 10152196 Web Development 1

WORD 2013 - LEVEL 1...introduces the student to word processing features such as creating, saving, editing, formatting, and printing documents, creating basic diagrams, and applying these concepts to produce usable documents. This course is offered in a self-paced format.

WRITTEN COMMUNICATION...teaches the writing process, which includes prewriting, drafting, revising, and editing. Through a variety of writing assignments, the student will analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Keyboarding skills are required for this course. It also develops critical reading and thinking skills through the analysis of a variety of written documents. **PREREQUISITE:** 10831103 Intro to College Wrtg equivalent and **COREQUISITE:** 10838105 Intro Rdg & Study Skills or equivalent