NORTH CENTRAL TEXAS COLLEGE
COURSE SYLLABUS

The North Central Texas College (NCTC) Course Syllabus provides the following as required by the Texas Higher Education Coordinating Board (THECB): (1) a brief description of the course including each major course requirement, assignment and examination; (2) the learning objectives for the course; (3) a general description of the subject matter of each lecture or discussion; and (4) any required or recommended readings. Contact information for the instructor is also provided. The Course Syllabus also provides institutional information to indicate how this course supports NCTC's purpose and mission. Information specific to a particular section of the course will be included in the Class Syllabus and distributed to enrolled students.

Course Title: Intro to Comp Graphics		
Course Prefix & Number: ARTC 1325	Section Number: 400	Term Code:
Semester Credit Hours: 3	Lecture Hours: 32	Lab Hours: 32
Course Description (NCTC Catalog): A survey of computer design concepts, terminology, processes, and procedures. Topics include computer graphics hardware, electronic images, electronic publishing, vector-based graphics, and interactive multimedia.		
Course Prerequisite(s): Knowledge of computer operation skills.		
Course Type: ☐ - **Academic General Education Course** (from Academic Course Guide Manual but not in NCTC Core) ☐ - **Academic NCTC Core Curriculum Course** ✠ - **WECM Course**		

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Name of Chair/Coordinator:	Judy Archer
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REQUIRED OR RECOMMENDED COURSE MATERIALS

Book comes bundled with MyGraphicsLab registration code and optionally ACA Certification Vouchers.

Ilustrator CS6: for Windows and Macintosh:

Visual QuickStart Guide

 eText: ISBN-10 0-13-298299-4, ISBN-13 978-0-13-298299-3

Print: ISBN-10 0-321-82217-X, ISBN-13 978-0-321-82217-8

Author(s): Elaine Weinmann; Peter Lourekas

Publisher: Peachpit Press

Copyright year: © 2013 Pages: 464

Data Files: see Assignments in Canvas or MyGraphicsLab

Flash or Pen Drive 2G or larger - recommended

GRADING CRITERIA

# of Graded Course Elements	Graded Course Elements	Percentage or Points Values
14	MGLab Quizzes	15%
4	Discussion	10%
6	Application and Exams	25%
12	Chapter Projects	20%
1	Final – Corporate Identity	30%

GRADING SCALE 100%

> 90%	A	> 60%	D
> 80%	B	> 50%	F
> 70%	C		

STUDENT LEARNING OUTCOMES

	Student Learning Outcome
	At the successful completion of this course the student will be able to:
1.	Identify computer graphics terminology.
2.	Identify peripherals to include flash drives, external drives, cameras and scanners.

3.	Demonstrate competency in general illustration layout concepts.
4.	Identify and use proper file formats.
5.	Produce vector graphics from raster image using pen tool.
6.	Produce creative vector graphic layout using required software.
7.	Prepare images for use on web or in multimedia.

ATTENDANCE POLICY

As a hybrid class that meets a minimum of 5 times it is imperative that the face to face classes be attended. Skills based courses build one class to the next. Absences can disrupt the learning process, and <mark>missing two</mark> face to face meetings can warrant a failing grade. Students should always notify the teacher by email in advance of an absences, if possible - and if not, then immediately afterwards for assignment information.

CORE CURRICULUM FOUNDATIONAL COMPONENT AREA

☐	Communication	☐	American History
X	Mathematics	☐	Government/Political Science
☐	Life and Physical Science	☐	Social and Behavioral Sciences
☐	Language, Philosophy & Culture	☐	Component Area Option
X	Creative Arts		

REQUIRED CORE OBJECTIVES

☒ Critical Thinking   ☒ Teamwork
☒ Communication   ☒ Personal Responsibility
☐ Empirical and Quantitative   ☐ Social Responsibility

Last day to Withdraw   The last day to withdraw from a course with a "W" is_____.

GENERAL DESCRIPTION AND TENTATIVE SCHEDULE

Topic	General Description of Subject Matter
Getting Started	Overview of work area and concept of software
Creating Shapes	Managing Layered artwork, modifying, manipulating
Drawing and Composing	Learning construction tools/shapes
Colors and Fills	Applying colors and defining swatches/gradients
Complex Shapes	Transform, Offset, clipping masks and Pathfinder

Refine Strokes	**Applying and creating patterns and brushes**
Apply Effects	**Recolor, Apply effects and Appearance Panel**
Design with Type	**Point, Path, 3D, Warped, threaded and outlines.**
Symbols and Blends	**Using, creating and manipulating symbols/blends**
Perspective/3D Effects	**Creating 3-D objects and applying color/images**
*Bitmaps	**Embedding rasters, saving in raster file formats.**
Managing Documents	**Overview of preparing image for printers. Bridge**
*Output	**Overview of preparing images for use on web**
Corporate Identity	**Create personal logo and apply to assets**
*Time permitting	

Student Rights & Responsibilities

NCTC Board policy *FLB (Local) Student Rights and Responsibilities* states that each student shall be charged with notice and knowledge of the contents and provisions of the rules and regulations concerning student conduct. These rules and regulations are published in the Student Handbook published in conjunction with the College Catalog.

Scholastic Integrity

Scholastic dishonesty shall constitute a violation of college rules and regulations and is punishable as prescribed by Board policies. Scholastic dishonesty shall include, but not be limited to cheating on a test, plagiarism, and collusion. See the Student Handbook for more information.

STUDENT SUPPORT SERVICES

Disability Services (OSD)

The Office for Students with Disabilities (OSD) provides accommodations for students who have a documented disability. On the Corinth Campus, go to room 170 or call 940-498-6207. On the Gainesville Campus, go to room 110 or call 940-668-4209. Students on the Bowie, Graham, Flower Mound, and online campuses should call 940-668-4209.

North Central Texas College is on record as being committed to both the spirit and letter of federal equal opportunity legislation, including the Americans with Disabilities Act (ADA) of 1990, ADA Amendments Act of 2009, and Section 504 of the Rehabilitation Act of 1973 (P.L. 93-112). http://www.nctc.edu/StudentServices/SupportServices/Disabilityservices.aspx

Student Success Center

The Student Success Center is designed to help all students at NCTC develop tools to achieve their academic goals. The center links students to FREE tutoring, including a Writing Center, a Math Lab, and free online tutoring in the evening. The program helps students acclimate to college by providing students free interactive workshops. For more information, please visit your nearest Student Success Center.

	Tobacco-Free Campus	NCTC restricts the use of all tobacco products including cigarettes, cigars, pipes and smokeless tobacco on campus property. *E-Cigarettes not allowed in classroom.

Course Outline (Note: the outline is in the order we will learn, not necessarily the order of the chapters in the book. Refer to Modules for the chapters associated with each topic.)

Week	Topic	Material to be Covered
1.	**Discuss Syllabus, Class Expectations, Overview of course**	• Introductions • Syllabus • Code of Conduct • Expectations • **Overview** of Illustrator • **Terminology**
2.	**Create Shapes**	• Work with objects and smart guides • Create basic shapes • Apply **fill and stroke** colors to objects • Select, **move, copy and align** objects • **Transform** objects • Work with multiple **artboards** • Create and save files
3.	**Draw**	• Draw geometric shapes, lines • Draw freehand • Draw curved lines with **PEN TOOL!** • Draw elements of an illustration
4.	**Colors and Fills**	• Create colors and **gradients** • Apply colors and gradients to text • Adjust a gradient • Creating patterns
5.	**Complex Shapes**	• Offset and outline paths • Create compound paths • Work with the Pathfinder panel

		• **Combine** using Shape Builder tool • Create clipping masks • Use **Live Trace** and the **Live Paint**
6.	**Refine Strokes** **Apply Effects**	• Work with the **Brushes panel** • Work with scatter brushes • Compare the **Paintbrush** tool to the **Blob Brush** tool • Enhance artwork with brushes and width tool • Apply **effects**/**appearances** to objects • Stroke objects for artistic effect
7.	**Exam 1**	• Shapes, Draw, Live Paint, and Effects
8.	**Design with Type**	• Create and format **text** • Flow text into an object • Position text on a path
9.	**Symbols and Blends**	• Create **symbols** • Place symbol instances • Modify symbols and symbol instances • Create symbol instance sets • Modify symbol instance sets • Work with **envelopes** • Create **blends**
10.	**Perspective/3D Effects**	• Extrude objects • Revolve objects • Manipulate surface shading and lighting • Map artwork to **3D** objects • Work with a perspective grid
11.	**Exam 2**	**All things type – point, warped, circular, threaded, and outlined.**
12.	***Bitmaps**	• Embed rasters or save as raster

		• Use **Live Trace** and the **Live Paint**
13.	**Managing Documents**	• Explore color theory and resolution issues • **Manage color** • Work in CMYK mode • Specify spot colors • Create crop marks • Create bleeds • Save a file as a PDF
14.	***Output**	• Explore color theory and resolution issues • **Manage color** • Work in CMYK mode • Specify spot colors • Create crop marks • Create bleeds • Save a file as a PDF
15.	**Create Logo**	Create a personal logo for your own company
16.	**Final Exam Corporate Identity**	• Create Logo for Corporate Identity
	• **Indicated topics that may be optional due to time permitting**	