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Creative & Technology Universitas



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Graphical User Interface B (GUI412)

1. How to use this guide

The guide provides an overview of the syllabus and the learning outcomes of the module. It will indicate each major topic that will be covered, as well as the learning outcomes of each topic.

The study guide is NOT a replacement of textbooks and should be studied in conjunction with the required textbooks.

The following icons will be used in the study guide:



Sections in the prescribed textbook that the student needs to study



Additional reading that the student needs to study



Video that the student needs to watch



Activities to be completed



Exercises to be completed



Group activities to be completed



Projects to be completed



Tests to be completed



Revision questions to be completed



2. Introduction

While Adobe Illustrator is not the only tool available for UI design, it is widely used in the industry and offers a robust set of features specifically suited for creating vector-based graphics and icons. Learning Illustrator can enhance a UI designer's skill set and improve their ability to create visually appealing and professional user interfaces. UI Designers will use a combination of various software packages to execute their design ideas. These software packages may be broadly categorised as vector or raster.

During this module students, through practical application, should develop a working knowledge of software packages appropriate to visual communication. As in most fields, the UI design industry relies heavily on computer software and applications. As a UI designer, it is important to develop computer literacy skills and be able to use relevant software packages to execute design ideas and create finished art. UI designers are responsible for creating user-friendly and aesthetically pleasing interfaces that facilitate effective user interactions. They consider factors such as visual hierarchy, layout, typography, colour schemes, iconography, and interactive elements to ensure that the user interface is intuitive, engaging, and aligned with the overall user experience (UX) goals.

This module introduces you to Adobe Illustrator a vector base software used extensively in the industry today. Adobe Illustrator is a vector-based software application used for illustration, typographic manipulation, and basic layouts. Adobe Photoshop is a bitmap-based application used for illustration and photo manipulation purposes. These two software packages are used simultaneously when executing design ideas.

2.1. Department Information

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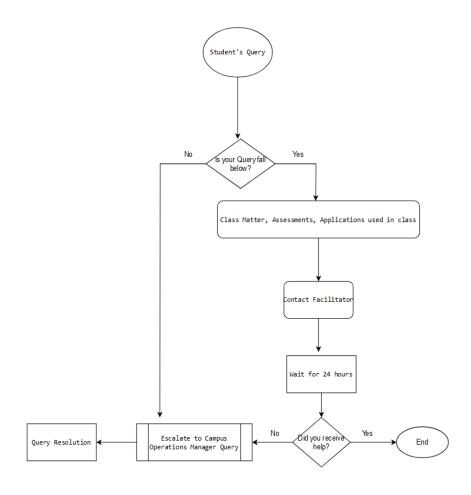
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2.2. Query Resolution Structure



3. Purpose of the Module

The purpose of this module is to provide students with practical knowledge of industry standard desktop publishing software. Students are required to apply knowledge of a vector-based software package in developing digital art.

3.1. Contact Hours and Indicative Student Workload

Proposed Roll Out Strategy	Credits	Total Notional Hours	Theory	Practical	Contact	Formative	Summative
22 July to 22 November 2024	8	80	Theory	Practical	Sessions	Assessments	Assessments



3.2. Unit Standards

Design a computer program according to given specifications

3.3. Learning Outcomes

- Demonstrate a working knowledge of industry standard software.
- Use industry standard software to execute design ideas.
- Create and manipulate digital images.
- Create final art for publication.

3.4. Credits: 8

3.5. NQF: 4

4. Teaching and Learning Methods

Lectures, Flipped Classroom, Webinars, Group and Research, practical classes (role play), and Gamification.

4.1. Module Resources

- Student module manual referencing a variety of sources.
- Online sources for research purposes.
- Adobe Creative Cloud
- · Traditional art media for conceptual development

4.2. Internet Requirements

A device and a minimum of 20GB data are required to access training material.

4.3. Prescribed reading



Schwartz, R., Chelius, C. 2018. Learn Adobe Illustrator CC for Graphic Design and Illustration: Adobe Certified Associate Exam Preparation, Second Edition. Adobe Press, Available at https://learning.oreilly.com/library/view/learn-adobe-

illustrator/9780134878546/

Wood. B, 2021. Adobe Illustrator Classroom in a Book (2022 release). Peachpit Press. Available at https://learning.oreilly.com/library/view/adobe-illustrator-classroom/9780137622375/

Fortnow, M., Terry, Q. 2021. The NFT Handbook. Wiley. Available at https://learning.oreilly.com/library/view/the-nft-handbook/9781119838388/



4.4. Additional reading



Adobe Staff. Adobe Illustrator Handbook - Create beautiful vector art. Blog: Helpx

Adobe. Available at https://helpx.adobe.com/africa/illustrator/tutorials.html

Edex. Adobe. 2020. Adobe Illustrator, Digital Painting and Drawing in the Classroom. Adobe

Education Exchange. Available at https://edex.adobe.com/professional-learning/self-paced-

course/digital-painting-and-drawing-in-the-classroom

Durkin, J. 2019. Play the Pen Tool Game. Blog: Helpx Adobe, Available at

https://helpx.adobe.com/illustrator/games/pen-tool-game/

Glitschka, V.R. 2014. Take and Make Art, Hundreds of Royalty-Free Vector Illustrations for

Discriminating Designers. Peachpit Press. Available at

https://learning.oreilly.com/library/view/take-and-make/9780133813784/

Glitschka, V.R. 2015. Vector Basic Training, A Systematic Creative Process for Building

Precision Vector Artwork. Peachpit Press. Available at

https://learning.oreilly.com/library/view/the-adobe-illustrator/9780135432129/

McKay, M. 2019. The Bézier Game. Blog: Method of Action. Available at

https://bezier.method.ac

McKay, M. 2019. KernType a kerning game. Available at https://type.method.ac

McKay, M. 2019. Colour a colour matching game. Available at https://color.method.ac

McKay, M. 2019. Shape Type a lettering shaping game. Available at https://shape.method.ac

Steuer, S. 2019. The Adobe Illustrator WOW! Book for CS6 and CC, 2nd Edition. Peachpit

Press. https://learning.oreilly.com/library/view/the-adobe-illustrator/9780135432129/

5. Assessment Details

The students will need a pass mark of 80% on the preliminary exam to qualify for admission to the international certification exams.

5.1. Formative Assessment Breakdown

Formative 1	Formative 2	Prelim
Practical Project 1	Practical Project 2	Theory & Practical Test
Logo Tracing	Character Illustration	ACP Illustrator Prelim Test
25%	25%	0%



5.2. Summative Assessment

Practical exam 50%

Formative assessments (50%) + Summative assessment (50%) = Final mark

5.3. Assessment Preparation Guidelines

Assessment	Format of the Assessment	Resources required	Learning Units Covered
Formative Assessment 1:	Students are required to apply acquired skill in applying tools and menus in Adobe Illustrator to trace three (3) logos. The evidence requirements are specified in the project brief.	 Access to: Access to online sources for research purposes. Chelius, C., Schwartz, R. 2018. Chapter 1, 2 & 7 Access to Adobe Illustrator CC 	 Demonstrate a working knowledge of industry standard software Use industry standard software to execute design ideas Create and manipulate digital images Create final art for publication
Formative Assessment 2:	Students are required to create a vector illustration using Adobe Illustrator. The illustration should further be applied to a background design. Please note that the auto trace options available in Adobe Illustrator may not be used to complete this task.	Access to: • Access to online sources for research purposes. • Chelius, C., Schwartz, R. 2018. Chapter 1, 2 & 7 • Access to Adobe Illustrator CC	 Demonstrate a working knowledge of industry standard software Use industry standard software to execute design ideas Create and manipulate digital images Create final art for publication
Prelim Test:	The Adobe Illustrator practical test will encompass both theoretical and handson components, to be completed within a specified time frame. Students will be provided with an exam brief at the beginning	Access to: • Access to online sources for research purposes. • Chelius, C., Schwartz, R. 2018. Chapter 1, 2 & 7	 Demonstrate a working knowledge of industry standard software Use industry standard software to execute design ideas Create and manipulate digital images Create final art for publication



Assessment	Format of the Assessment	Resources required	Learning Units Covered
	of the scheduled	Access to Adobe	
	session, outlining	Illustrator CC	
	specific requirements,	mastrator cc	
	themes, and learning		
	objectives.		
	The theoretical		
	segment will require		
	students to		
	demonstrate their		
	understanding of key Adobe Illustrator		
	concepts, tools, and		
	design principles. This		
	may include answering		
	questions related to		
	the software's		
	interface,		
	functionalities, and		
	best practices in		
	graphic design.		
	The practical tasks will		
	focus on applying the		
	acquired knowledge in		
	a hands-on setting.		
	Students will be tasked		
	with creating graphic		
	elements, manipulating shapes, and utilizing		
	Illustrator's features to		
	accomplish specific		
	design objectives. This		
	will assess their ability		
	to navigate the		
	software, employ		
	various tools, and		
	produce visually		
	compelling designs.		
	By combining		
	theoretical		
	understanding with		
	practical application,		
	this Adobe Illustrator		
	test aims to provide a		
	comprehensive		
	evaluation of students'		
	proficiency in both the conceptual and		
	conceptual and		



Assessment	Format of the Assessment	Resources required	Learning Units Covered
	practical aspects of graphic design.		
Summative Assessment:	The Adobe Illustrator practical test will be conducted during an exam session, focusing on the creation of an illustration with set requirements. Students will receive a detailed exam brief at the beginning of the scheduled session, outlining specific design objectives, themes, and learning objectives related to Adobe Illustrator. During the exam, students will be tasked with applying their knowledge of Adobe Illustrator to produce a visually compelling illustration. The requirements may include using specific tools, incorporating design principles, and demonstrating proficiency in manipulating shapes and elements within the software. Unlike a conventional exam, this practical test is structured to assess students' handson proficiency in Adobe Illustrator within the time constraints of the exam session. The emphasis is on the practical application of their skills, requiring	Access to: • Access to online sources for research purposes. • Chelius, C., Schwartz, R. 2018. Chapter 1, 2 & 7 • Access to Adobe Illustrator CC	Demonstrate a working knowledge of industry standard software Use industry standard software to execute design ideas Create and manipulate digital images Create final art for publication



Assessment	Format of the Assessment	Resources required	Learning Units Covered
	them to successfully		
	meet the specified		
	design objectives and		
	create a cohesive		
	illustration.		
	This approach aims to		
	offer a comprehensive		
	evaluation of students'		
	practical abilities in		
	Adobe Illustrator,		
	emphasizing their		
	creative and technical		
	skills in graphic design.		

5.4. Assessment Release and Submission Week

The students will need a mark of 70% for each Formative to be deemed Competent.

Please note – There are two (2) steps in the submission process.

- Step 1: Required evidence in the specified formats is submitted on Campus Online to the designated assignment description. NB!!! It is your responsibility to ensure that you submit in the right slot.
- Step 2: Complete and submit the document of authenticity for every formative and summative assessment submitted.

5.5. Assessment Strategy

The following assessment activities apply to each module:

- Knowledge assessments
- Practical / Research Assignments
- CCFOs (Critical Cross-Field Outcomes) / Simulated case studies
- Work Integrated Logbooks



5.6. Formative Assessment Submissions

Formative Assessment:	Release Date:	Submission:
Formative Assessment 1	Project: 12 August 2024	Project: 06 September 2024
Formative Assessment 1	Test: 02 September 2024	Test: 02 September 2024
Formative Assessment 2	Project: 09 September 2024	Project: 11 October 2024
Formative Assessment 2	Test: 07 October 2024	Test: 07 October 2024

5.7. Summative Assessment Submission

Summative Assessment:	Release Date:	Submission:
Practical Examination	20 November 2024	20 November 2024

5.8. International Exams

International Exam:	Bootcamp, International Exam Preparation and Prelims:	International Exam:
ACP Graphic Design & Illustration Using Adobe Illustrator CC 2023	Bootcamp: 14 October 2024	
	Prelim 1: 17 October 2024	28 October – 01 November 2024
	Prelim 2 & 3: 24 October 2024	

6. Progression

Projects that need to be completed and submitted for this module are set up to simulate the design process as applied in the industry. Each project description includes a guideline indicating phases in the project. These phases as indicated serve as a guide to assist in your planning and implementation of activities to ensure adherence to project deadlines. The projects in general span over several weeks and sessions are indicated in your lesson plan. You will be required to present specified evidence during each session. During these consultation sessions, you will receive feedback from the facilitator that should indicate additional development or alternative directions. Your ability to act on these directions is assessed under the assessment criteria of 'progress'.

You will be required to spend additional time outside of scheduled classes to successfully develop and complete assignments.



7. Week Planner

SEMESTER 2			
22-26/07/2024	Week 1		
29/07-02/08/2024	Week 2		
05-09/08/2024	Week 3		
12-16/08/2024	Week 4		
19-23/08/2024	Week 5		
26-30/08/2024	Week 6		
02-06/09/2024	Week 7		
09-13/09/2024	Week 8		
16-20/09/2024	Week 9		
23-27/09/2024	Student Holiday		
30/09-04/10/2024	Week 10		
07-11/10/2024	Week 11		
14-18/10/2024	Week 12		
	International Exam Preparation and Prelims		
21-25/10/2024	Week 13		
	International Exam Preparation and Prelims		
28/10-01/11/2024	Week 14		
. , ,	2 nd Semester International Exams		
04-08/11/2024	Week 15		
04-00/11/2024	Exam Preparation		
11-15/11/2024	Exam Week 1		
18-22/11/2024	Exam Week 2		
25/11/2024	Student Holiday Starts		



8. Lesson Plan

Semeste	Semester 2			
Week	Learning Units to be Covered	Resources required	Class Activity	
Week 1	Introduction to Semester 2	Study Guide Access to O'Reilly Books Online Adobe Creative Cloud	Account activation and resource download	
Week 2	Introduction to Graphical User Interface B	Online sources for research purposes Microsoft 365		
Week 3	Learning Unit 1: Introduction to Adobe Illustrator CC	Learn Adobe Illustrator CC for Graphic Design and Illustration: Adobe Certified Associate Exam Preparation, Second Edition, https://learning.oreilly.com/library/vie w/learn-adobe-illustrator/9780134878546/ Access to: Adobe Creative Cloud Account Adobe Illustrator 25.X or higher Internet Access Chelius, C., Schwartz, R. 2018. Learn Adobe Illustrator CC for Graphic Design and Illustration: Adobe Certified Associate Exam Preparation. Second Edition, Chapter 1: Introduction to Adobe Illustrator CC. Peachpit Press. Available at https://learning.oreilly.com/library/vie w/learn-adobe-illustrator/9780134878546/ch01.xhtml #ch01	Presentation: The history of Adobe Illustrator (1987-2020) Raster vs Vector Group Activities 1: Download Adobe Products 2: Online platforms — Accounts creation and activation 3: Download Practical lesson files Flipped class reading: Getting to know the Work Area Video Activity 1: 01_01_whatisai3_cc 01_02_interface 01_03_workspaces 01_04_save Exercise: 1a & 1b Revision Questions: LU 1: 1-10	
	Self-Study Learning Unit 7: Levelling Up with Design	Chelius, C., Schwartz, R. 2018. Learn Adobe Illustrator CC for Graphic Design and Illustration, Adobe Certified Associate Exam Preparation, Second Edition, Chapter 7, Leveling Up with Design. Peachpit Press. Available at https://learning.oreilly.com/library/vie	LU7 Video Activities: ch07_01_ Design School: Introduction ch07_02_ Design School: Creativity Is a Skill	



Semeste	Semester 2			
Week	Learning Units to be Covered	Resources required	Class Activity	
		w/learn-adobe- illustrator/9780134878546/ch07.xhtml Learn Adobe Illustrator CC for Graphic Design and Illustration, http://www.peachpit.com/	ch07_03_ Design School: The Design Hierarchy ch07_04_ Design School: The Elements of Art ch07_05_Design School: The Element of Space ch07_06_ Design School: The Element of Line Revision Questions: LU 7: 1-6	
Week 4	Learning Unit 2: Creating a Postcard in Illustrator Project 1: Logo Trace	Chelius, C., Schwartz, R. 2018. Learn Adobe Illustrator CC for Graphic Design and Illustration: Adobe Certified Associate Exam Preparation. Second Edition, Chapter 2: Creating a Postcard in Illustrator. Peachpit Press. Available at https://learning.oreilly.com/library/vie w/learn-adobe- illustrator/9780134878546/ch02.xhtml #ch02 Access to: Adobe Creative Cloud Account Adobe Illustrator 25.X or higher Internet Access	LU 2 Flipped class reading: Techniques for Selecting Artwork Using Shapes to Create Artwork for a Postcard Video Activity2: 02_01_createdocumen t 02_02_preferences 02_03_guides 02_04_shapes 02_05_corners 02_06_navigating 02_07_type Exercise: 2a & 2b Revision Questions LU 2: 1-10 Project 1: Handout	
	Self-Study Learning Unit 7: Levelling Up with Design	Chelius, C., Schwartz. R. 2018. Learn Adobe Illustrator CC for Graphic Design and Illustration: Adobe Certified Associate Exam Preparation. Second Edition, Chapter 7: Levelling Up with Design. Peachpit Press. Available at https://learning.oreilly.com/library/view	LU7 Video Activities: ch07_13_ Design School: The Principles of Design ch07_14_ Design School: The Principle of Emphasis	



Semester 2			
Week	Learning Units to be Covered	Resources required	Class Activity
		/learn-adobe- illustrator/9780134878546/ch07.xhtml Learn Adobe Illustrator CC for Graphic Design and Illustration, http://www.peachpit.com/	ch07_15_ Design School: The Principle of Contrast ch07_16_ Design School: The Principle of Unity Revision Questions LU 7: 5-7
Week 5	Learning Unit 4: Creating the Back of a Business Card.	Chelius, C., Schwartz. R. 2018. Learn Adobe Illustrator CC for Graphic Design and Illustration: Adobe Certified Associate Exam Preparation. Second Edition, Chapter 4: Creating the Back of a Business Card. Peachpit Press. Available at https://learning.oreilly.com/library/vie w/learn-adobe- illustrator/9780134878546/ch04.xhtml #ch04 Access to: Adobe Creative Cloud Account Adobe Illustrator 25.X or higher Internet Access	LU 4 Webinar Adobe Creative Cloud Live YouTube Channel: Make it now with Adobe Illustrator Video Activity4: 04_01_streets 04_02_groups 04_03_appearance 04_04_layers 04_05_street_names 04_06_patterns 04_07_landmark 04_08_finishing_up Exercise: 4a, 4b & 4c Revision Questions LU 3: 1-8 Adobe Creative Cloud Live YouTube Channel: Make it now with Adobe Illustrator
	Self-Study Learning Unit 8: Working with Outsiders	Chelius, C., Schwartz, R. 2018. Learn Adobe Illustrator CC for Graphic Design and Illustration: Adobe Certified Associate Exam Preparation. Second Edition, Chapter 8: Working with Outsiders. Peachpit Press. Available at https://learning.oreilly.com/library/view /learn-adobe- illustrator/9780134878546/ch08.xhtml	Video Activities: ch08_01_ntroduction to Project Planning ch08_02_Discovering Client Goals ch08_03_Finding the Target Audience ch08_04_The Golden Rule for Client Work



Semeste	Semester 2			
Week	Learning Units to be Covered	Resources required	Class Activity	
		Learn Adobe Illustrator CC for Graphic Design and Illustration, http://www.peachpit.com/	ch08_05_ About Copyright ch08_06_Digital Tools for Tracking Copyright ch08_07_Fair Use and Copyright ch08_08_Licensing: Strict and Free Revision Questions	
		Chelius, C., Schwartz, R. 2018. <i>Learn</i>	LU 8: 1-4	
Week 6	Learning Unit 5: Creating a Music Festival Poster	Adobe Illustrator CC for Graphic Design and Illustration: Adobe Certified Associate Exam Preparation. Second Edition, Chapter 5: Creating a Music Festival Poster. Peachpit Press. Available at https://learning.oreilly.com/library/vie w/learn-adobe-illustrator/9780134878546/ch05.xhtml #ch05 Access to: Adobe Creative Cloud Account Adobe Illustrator 25.X or higher Internet Access Wood, B, 2021. Adobe Illustrator Classroom in a Book (2022 release), Chapter 12: Using Brushes to Create an AD. Peachpit Press. Available at https://learning.oreilly.com/library/vie w/adobe-illustrator-classroom/9780136805755/ch12.xht ml Wood, B. 2021. Adobe Illustrator Classroom in a Book (2022 release), Chapter 14: Creating Artwork for a T-Shirt, Publisher: Peachpit Press, Available at https://learning.oreilly.com/library/vie w/adobe-illustrator-classroom/9780136805755/ch14.xht ml	LU 5 Video Activity5: 05_01_template 05_02_pen_tool 05_03_guitar_neck 05_04_guitar_details 05_05_brushes 05_06_image_trace 05_07_envelope_disto rt 05_08_effects 05_09_text 05_10_package Flipped class reading: Using Brushes to Create an AD, Creating Artwork for a T-Shirt Gamification: Pen Tool game Pen skills practice game Gamification Exercise: 5a & 5b Revision Questions LU 5: 1-11	



Semeste	Semester 2			
Week	Learning Units to be Covered	Resources required	Class Activity	
		Chelius, C., Schwartz, R. 2018. Learn Adobe Illustrator CC for Graphic Design and Illustration: Adobe Certified Associate Exam Preparation, Second Edition, Chapter 1 -5, & 7. Peachpit Press. Available at https://learning.oreilly.com/library/view/learn-adobe-illustrator/9780134878546/		
Week 7	Formative 1: Test	Access to: Adobe Creative Cloud Account Adobe Illustrator 25.X or higher Internet Access	Theory Test: LU7-8 Project 1: Submission	
Week 8	Project 2: Character Illustration	Access to: Adobe Creative Cloud Account Adobe Illustrator 25.X or higher Internet Access	Project 2: Handout	
Week 9	Learning Unit 6: Creating and Exporting Content for Web and Mobile Projects Introduction	Chelius,C., Schwartz, R. 2018. Learn Adobe Illustrator CC for Graphic Design and Illustration: Adobe Certified Associate Exam Preparation. Second Edition, Chapter 6: Creating and Exporting Content for Web and Mobile Projects. Peachpit Press. Available at https://learning.oreilly.com/library/vie w/learn-adobe- illustrator/9780134878546/ch06.xhtml #ch06 Access to: Adobe Creative Cloud Account Adobe Illustrator 25.X or higher Internet Access	LU 5 Video Activity5: 06_01_document_size 06_02_icon 06_03_text 06_04_web_graphics 06_05_using_export Exercise: 6 Revision Questions LU 6: 1-9	
Week 10	LU1-6: Recap	Learn Adobe Illustrator CC for Graphic Design and Illustration: Adobe Certified Associate Exam Preparation, Second Edition, https://learning.oreilly.com/library/view/learn-adobe-illustrator/9780134878546/ Access to: Adobe Creative Cloud Account	LU1-6: Recap	



Semester 2			
Week	Learning Units to be Covered	Resources required	Class Activity
		Adobe Illustrator 25.X or higher Internet Access	
Week 11	Formative 2: Test		Practical Test: LU1-6 Project 2: Submission
Week 12	International Examination Bootcamp and Prelim Week		
Week 13	Prelim Week		
Week 14	International Examination		
Week 15	National Examination Preparation		
Week 16	National Examination Preparation		
Week 17	Summative Assessments		



8.1. Module Content

Adobe Illustrator: Getting Started

Ensure that learners complete all activities as stated in the lesson plan as well as in the study guide. Some of the activities are marked for group interaction. Once the activities are completed, discuss each of examples with the class.

In this session the facilitator will introduce the study guide and provide an overview of the syllabus learning outcomes and assessment criteria. Facilitators can use the PowerPoint presentation GCP411 & Adobe Illustrator to introduce this session.

Students should further understand how to work with this guide in conjunction with the prescribed books and additional sources.

In addition to the learning material on *CampusOnline*, the facilitator should provide students with the Learn Adobe Illustrator CC for Graphic Design and Illustration folder containing all the supporting material that will be used during this module. These files are available in your GCP411 folder: GCP411-Learn Adobe Material.

This session further is dedicated to assist the students in setting up the Adobe Illustrator App, creating an Adobe Press / Peachpit and Certiport account.

Before students can complete the practice tasks in this guide, they need to register the Learn Adobe Illustrator for Graphic Design & Illustration on <u>Adobe Press</u> or <u>Peachpit</u> through their <u>O'Reilly</u> account and then download the book's companion files on to their computers.

This session further is dedicated to assist the students in setting up the Adobe Illustrator App, creating a Certiport and Peachpit account.

The session is to introduce students to the Adobe Illustrator Interface (see LU 1). **See facilitator resources**

Adobe Products

• Adobe Illustrator 7-day trial .exe file.

Introduction

Adobe Illustrator is a vector graphics editor developed and marketed by Adobe Inc. Originally designed for the Apple Macintosh, development of Adobe Illustrator began in 1985. Along with Creative Cloud (Adobe's shift to monthly or annual subscription service delivered over the Internet), Illustrator CC was released. The latest version, Illustrator CC 2023, was released on October 26th 2021 and is the 25th generation in the product line. Adobe Illustrator was reviewed as the best vector graphics editing program for 2023 by Creative Bloq.

<u>Adobe Illustrator</u> is a vector-based drawing and illustration application (sometimes called vector shapes or vector objects). Vector-based refers to the method that <u>Adobe Illustrator</u> uses to draw, generate, and display shapes. These vector objects are mathematically generated paths (rather than a grid of pixels) that can be scaled and adjusted without any ill effects on the artwork You can freely



move or modify vector graphics without losing detail or clarity because they are resolution independent. Raster-based (pixel-based) artwork contrasts significantly from Illustrator in that it has a specific resolution tied to it that limits the amount that you can resize it. Adobe Photoshop is generally the tool of choice used by designers to open and manipulate raster-based artwork (Chelius, 2018).

Each learning unit for this module opens with two lists of objectives. One list lays out the learning objectives: the specific tasks you'll learn in the chapter. The second list shows the ACP exam objectives that are covered in the chapter.

Before you begin using Learn Adobe Illustrator CC for Graphic Design and Illustration, make sure that your system is set up correctly and that you've installed the proper software and hardware.

The <u>Adobe Illustrator CC software</u> is available with your <u>Adobe Creative Cloud membership</u>, which you purchased through <u>CTU Training Solutions</u>. In addition to Adobe Illustrator CC, some lessons in this book have steps that can be performed with <u>Adobe Bridge CC</u> and other Adobe applications or web services such as <u>Fonts</u>. The Creative Cloud desktop application is installed automatically when you download your first Creative Cloud product. If the Creative Cloud desktop application is not installed on your computer, you can download it from the <u>Download Creative Cloud</u> page on the Adobe website https://www.adobe.com/creativecloud/desktop-app.html.

Accessing the prescribed books through your <u>O'Reilly</u> books account, provides you with further access to the corresponding Web Edition hosted on peachpit.com. The Web Edition contains the complete text of the book augmented with hours of video and interactive quizzes.

How to register your product to get access to the lesson files for (Chelius, 2018) once you have opened it from O'Reilly.

- Go to http://www.peachpit.com/store/register.aspx
- 2. Sign in or create a new account.
- 3. Enter ISBN: 9780134878546.
- 4. Answer the questions as proof of purchase.
- 5. The Web Edition will appear under the Digital Purchases tab on your Account page. Click the Launch link to access the product.

To work through the projects in this product, you will first need to download the lesson files from peachpit.com.

Learning Outcomes

- About This Product.
- Conventions Used in This Book.
- Operating System Differences.
- Installing the Software
- Accessing the Free Web Edition and Lesson Files
- Additional Resources
- Resetting the Preferences to Their Default Settings



Prescribed Reading

Schwartz, R., Chelius, C. 2018. *Learn Adobe Illustrator CC for Graphic Design and Illustration, Adobe Certified Associate Exam Preparation, Second Edition.* Adobe Press,



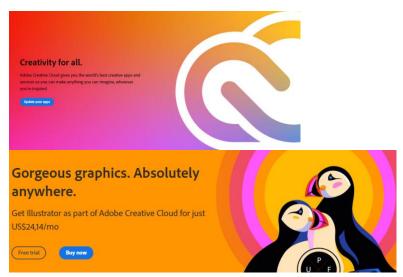
Available at https://learning.oreilly.com/library/view/learn-adobe-illustrator/9780134878546/



Group Activity 1: Download Adobe Products

During this session student will install the following products onto their PC's / Laptops

Adobe Creative Cloud



Adobe Illustrator



Group Activity 2: Online platforms – Accounts creation and activation

During this session student will create an account on each of the following online platforms

- Peachpit account
- Adobe Press
- Certiport
- Bookmark all your online accounts
- Save your login details for each account to a secure folder.



Group Activity 3: Download Practical lesson files

Before students can complete the practice tasks in this guide, they need to download the lesson files on to their computers from <u>peachpit.com</u>

Source files available at

https://ptgmedia.pearsoncmg.com/imprint_downloads/peachpit/peachpit/bookreg/9780134878386/learn_illustrator18_lesson_files.zip



LU 1



Introduction to Adobe Illustrator CC

Introduction:

What Is Adobe Illustrator CC? In the simplest terms, Adobe Illustrator is a vector-based drawing and illustration application. Vector-based refers to the method that Adobe Illustrator uses to draw, generate, and display shapes. These vector objects are mathematically generated paths that can be scaled and adjusted without any ill effects on the artwork. Don't worry—you don't need to be a math wizard to use Illustrator! Illustrator does all of the calculations for you automatically.

Learning Objectives

- Managing media files with the Media Library
- Setting up the discussion process
- Creating and managing a privacy policy
- Customizing default WordPress emails
- Configuring a Permalinks structure
- Setting up WordPress Multisite
- Creating a new site on a multisite network
- Managing multisite themes and plugins
- Cloning a site in a multisite installation



Prescribed reading

Chelius, C., Schwartz, R. 2018. *Learn Adobe Illustrator CC* for Graphic Design and

Illustration: Adobe Certified Associate Exam Preparation.
Second Edition. Chapter 1: Introduction to Adobe Illustrator
CC. Peachpit Press. Available on O'Reilly at:

https://learning.oreilly.com/library/view/learn-adobe-illustrator/9780134878546/ch01.xhtml#ch01



Flipped class reading Getting to know the Work Area

Wood, B. 2021. Adobe Illustrator Classroom in a Book (2022 release), Chapter 1: Getting to know the Work Area. Peachpit Press. Available at

https://learning.oreilly.com/library/view/adobe-illustrator-classroom/9780137622375/ch01.xhtml



ACP Objectives

For full descriptions of the objectives, see the table on pages 196–204.



- Domain 1.0: Working in the Design Industry: 1.1, 1.4, 1.4A, 1.4B
- Domain 2.0: Project setup and interface: 2.1, 2.2
- Domain 5.0: Publishing digital media: 5.2



Video Activity 1

Navigate to <u>Chapter 1: Getting to know the Work Area</u> in the Learn Adobe Illustrator CC for Graphic Design and Illustration online book and view the following videos and complete the steps:

- Video 1.1 What Is Adobe Illustrator CC?
- Video 1.2 An Overview of the Adobe Illustrator CC Interface
- Video 1.3 Customizing the Workspace
- Video 1.4 Saving and Exporting Documents (Chelius et al 2018



Exercise 1a

Open up a new document in Adobe illustrator (A4 portrait).

- Reset workspace 'essentials'
- Remove the Asset Export panel from the panel menu
- Add the links panel to the panels menu
- Create new workspace ex1a
- Delete workspace ex1a



Exercise 1b

Open up a new document in Adobe illustrator for Art & Illustrations (Postcard)

- Set the workspace to 'Essentials Classic'
- Reset workspace 'Essentials Classic'
- Add the *Align* panel to the panels menu
- Add the Libraries panel to the panels menu
- Create new workspace and name it Art & Illustrations



Revision Questions: LU 1

- 1. Which method does Adobe Illustrator use to draw, generate, and display shapes?
 - a. Vector-based
 - b. Pixel-based
 - c. Raster-based
 - d. All of these answers are correct



- 2. Which workspace will be presented by default when you first launch Adobe Illustrator CC?
 - a. Create workspace
 - b. Drawing workspace
 - c. Start workspace
 - d. General workspace
- 3. From where can you access and manage workspaces?
 - a. Arrange documents menu
 - b. Adobe Bridge
 - c. Workspace switcher menu
 - d. Application bar
- 4. Which of these categories is not found in the New Document dialog box?
 - a. Graphic Design
 - b. Web
 - c. Film & Video
 - d. Mobile
- 5. Which of these projects will the bleed setting be most applicable to?
 - a. Web page design
 - b. Business card with full-colour background
 - c. Slide show design
 - d. Simple line drawing for a logo
- 6. Panels in Illustrator can be arranged in which of these ways?
 - a. Stacked, Floating, or Grouped
 - b. Floating or grouped but not stacked
 - c. Stacked or grouped but not floating
 - d. Neither stacked nor grouped
- 7. How can you tell that you are going to create a new column of panels in a panel dock?
 - a. You'll see a horizontal blue drop zone
 - b. You'll see a yellow drop zone
 - c. You'll see a vertical blue drop zone
 - d. If it's on the right side of the interface
- 8. What does the presence of an up- and down-arrow icon to the left of a panel name indicate?
 - a. All options are displayed
 - b. More options are available
 - c. At least one displayed option is not functional
 - d. More options are required



- 9. Which of these native file formats requires that users have Illustrator installed to open it?
 - a. .ai
 - b. .eps
 - c. .pdf
 - d. .svg
- 10. The Export command provides the ability to export to which of these formats?
 - a. JPEG
 - b. AutoCAD Drawing
 - c. CSS
 - d. All of these answers are correct

LU 2

Creating a Postcard in Illustrator



Introduction

Each project will begin with you creating a new document. When creating a new document, you want to keep in mind the intended purpose of the file such as web, video, print etc. You will also learn how to add guides, create shapes and how to use Adobe Fonts.

Learning Objectives

- Create a new document and choose document settings.
- Set preferences in Adobe Illustrator CC.
- Add guides to an Illustrator document.
- Create artwork from basic shapes.
- Adjust the corners of live shapes.
- Navigate an Illustrator document efficiently
- Activate Fonts.
- Add type to a document



Prescribed reading

Chelius, C. and Schwartz, R. 2018. *Learn Adobe Illustrator CC for Graphic Design and*

Illustration: Adobe Certified Associate Exam Preparation. Second Edition, Chapter 2: Creating a Postcard in

Illustrator. Peachpit Press. Available at

https://learning.oreilly.com/library/view/learn-adobe-

illustrator/9780134878546/ch02.xhtml#ch02





Flipped class resources

Techniques for Selecting Artwork
Wood, B. 2021. Adobe Illustrator Classroom in a Book
(2022 release), Chapter 2: Techniques for Selecting
Artwork. Peachpit Press, Available at
https://learning.oreilly.com/library/view/adobe-illustrator-classroom/9780136805755/ch02.xhtml

Using Shapes to Create Artwork for a Postcard Wood, B. 2021. Adobe Illustrator Classroom in a Book (2022 release), Chapter 3: Using Shapes to Create Artwork for a Postcard. Peachpit Press, Available at https://learning.oreilly.com/library/view/adobe-illustrator-classroom/9780136805755/ch03.xhtml



ACP Objectives

For full descriptions of the objectives, see the table on pages 196–204.

- Domain 2.0 Project Setup and Interface: 2.1, 2.2, 2.3, 2.3A, 2.3C, 2.5A, 2.6B
- Domain 4.0 Create and Modify Visual Elements: 4.1A, 4.2A, 4.3B, 4.5A, 4.5C



Video Activity 2

- Video 2.1 Create a New Illustrator Document
- Video 2.2 Defining Preferences in Adobe Illustrator
- Video 2.3 Adding Guides to a Document
- Video 2.4 Creating Shapes for the Background of the Postcard Project
- Video 2.5 Changing the Corner Appearance of an Object for the Postcard
- Video 2.6 Navigating an Illustrator Document Using Various Techniques
- Video 2.6 Using the Type Tool to Add Text Elements to the Postcard
- Video 2.8 Drawing a Lemon Using Basic Shape Tools in Adobe Illustrator CC



Exercise 2a

Create a new document according to the following specifications

- Name the new document ex2A
- Profile print
- Number of artboards 2
 Spacing in between artboards 10mm
- Size A3 landscape
- Units mm



- Bleed 5 mm
- Use the artboard tool, change page 2 to the following dimensions: 297 x 210mm Portrait
- Use the artboard tool create an additional artboard with the following dimensions 110 x 297mm portrait
- In the artboard panel, duplicate artboard 2. Rename artboard poster
- Use the artboard panel menu, change the orientation of poster artboard to landscape
- Delete artboard 2
- Save document as ex2a.ai CS6 version



Exercise 2b

Create a new document according to the following specifications

- Name the new document ex2b
- Profile Web
- Number of artboards 3
 - Spacing in between artboards 100px
- Size 1290px x 800px
- Units px
- Bleed 0
- In the artboard panel, duplicate artboard 3. Rename artboard Media
- Save document as ex2.eps CC version



Revision Questions: LU 2

- Which of these New Document dialog box choices uses the CMYK colour mode and points as the default measurement unit?
 - a. Web
 - b. Print
 - c. Art & Illustration
 - d. All of these answers are correct
- 2. Which of these are possible Unit of Measurement choices in the Preferences dialog box?
 - a. General: Inches, Stroke: Points, Type: Points
 - b. General: Points, Stroke: Inches, Type: Points
 - c. General: Points, Stroke: Points, Type: Points
 - d. All of these answers are correct



Module Content 3. Before you can use guides, you'll need to make sure which of these menu items is enabled? a. View > Rulers > Show Rulers b. Drawing View > Rulers Panel c. Guides > Show Rulers d. Edit > Enable Rulers 4. The inside colour of an object is called the? a. Primary colour b. Main colour c. Fill colour d. Stroke colour 5. To duplicate an object, select the object with the Selection tool and hold the ____ drag a copy and release the mouse? a. Control key b. Shift key c. Alt key d. Command key 6. Which choice would you click to apply a transparent fill or stroke? a. The None swatch b. The White swatch c. The Paper swatch d. The Transparent swatch 7. The adjustable corners in Live Shapes are called? a. Adjust Corners b. Living Corners c. Electric Corners d. Live Corners 8. The Which kind of type object is created by dragging with the Type tool to define a shape that text flows into? a. Point Type b. Fill Type c. Area Type d. Shape Type 9. How can you draw a perfect circle? a. Shift-drag with the Ellipse tool

b. Shift-drag with the Circle toolc. Shift-click with the Shape toold. Right-click and drag the Shape tool



- 10. How can you access the Pencil tool?
 - a. Right-click on the Pen tool
 - b. Click and hold on the Paintbrush tool
 - c. Double-click on the Shaper tool
 - d. Click and hold on the Shaper tool

LU 3

Creating the Front of a Business Card



Introduction

Throughout this chapter, you'll be learning techniques that go beyond the basics, and you'll learn how to create artistic elements and achieve visual results in Adobe Illustrator CC using those techniques.

Learning Objectives

- Edit and modify artboards.
- Use the Shape Builder tool.
- Add and format text.
- Create and modify swatches.
- Convert text to outlines.
- Use the Colour Guide panel to create swatches
- Use the Pathfinder panel to modify objects.



Prescribed reading

Chelius, C., Schwartz, R. 2018. Learn Adobe Illustrator CC for Graphic Design and Illustration: Adobe Certified Associate Exam Preparation. Second Edition, Chapter 3: Creating the Front of a Business Card. Peachpit Press. Available at:

https://learning.oreilly.com/library/view/learn-adobe-illustrator/9780134878546/ch03.xhtml#ch03



Additional reading

Drawing with the Pen Tool Wood, B. 2021. Adobe Illustrator Classroom in a Book (2022 release), Chapter 7: Drawing with the Pen Tool.

Peachpit Press. Available at

https://learning.oreilly.com/library/view/adobe-

Ilustrator-

classroom/9780136805755/ch07.xhtml#ch07lev1sec1





ACP Objectives

For full descriptions of the objectives, see the table on pages 196–204.

- Domain 2.0 Project Setup and Interface: 2.2A, 2.3A, 2.3C, 2.3D, 2.5A, 2.5C, 2.5D
- Domain 4.0 Create and Modify Visual Elements: 4.2A,
 4.2B, 4.2C, 4.2D, 4.3C, 4.4A, 4.4B, 4.5B



Video Activity 3

- Video 3.1: Modifying Artboards
- Video 3.2: Creating a Half-Pipe for the Business Card
- Video 3.3: Adding Text for the Logotype of the Business Card
- Video 3.4: Creating Swatches for the Front of the Business Card
- Video 3.5: Converting the Logotype Text to Paths
- Video 3.6: Using Live Paint to Enhance the Logotype
- Video 3.7: Adding Paragraph Text to the Front of the Business Card
- Video 3.8: Finishing up the front of the card.



Class exercise 3a

Open Class exercises → Class exercise ex3a.ai

- Convert the text to outline and apply a gradient to the text.
- Using the shape tools and live shape option, recreate the shapes on the artboard.
- Save as ex3a.ai



Class exercise 3b: Gamification

Go to the KernType a kerning game https://type.method.ac. The goal is to try and be as accurate as possible in order to get the highest score.



Class exercise 3c: Gamification

Go to the Colour a colour matching game https://color.method.ac. The goal is to try and be as accurate as possible in order to get the highest score.



Class exercise 3d: Gamification

Create a new document according to the following specifications

- Name ex3D
- Profile print
- Number of artboards 2
 Spacing in between artboards 10mm
- Size A3 landscape



- Units mm
- Bleed 5 mm
- Use the artboard tool, change page 2 to the following dimensions: 297 x 210mm Portrait
- Use the artboard tool create an additional artboard with the following dimensions 110 x 297mm portrait
- In the artboard panel, duplicate artboard 2. Rename artboard poster
- Use the artboard panel menu, change the orientation of poster artboard to landscape
- Delete artboard 2
- Save document as ex3d.ai CS6 version



Class exercise 3e

Create a new document according to the following specifications

- Name ex3E
- Profile Web
- Number of artboards 3
 - Spacing in between artboards 100px
- Size 1290px x 800px
- Units px
- Bleed 0
- In the artboard panel, duplicate artboard 3.
- Rename the artboards as follow
 - o Artboard 1: Landing Page
 - Artboard 2: About Page
 - Artboard 3: Media
- Save document as ex3e.eps CC version



Class exercise 3f

Complete Chapter 7: Drawing with the Pen Tool Wood, B. 2021. Adobe Illustrator Classroom in a Book (2022 release), Chapter 7: Drawing with the Pen Tool. Peachpit Press. Available at

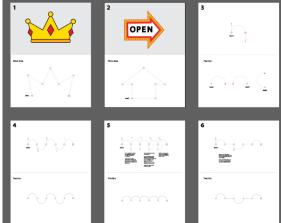
https://learning.oreilly.com/library/view/adobe-illustrator-

classroom/9780136805755/ch07.xhtml#ch07lev1sec1



Revision Questions: LU 3

- 1. At which point can you adjust the dimensions an artboard?
 - a. Only when initially creating the artboard
 - b. Only before saving the artboard the first time
 - c. At any stage
 - d. Only before it has been exported





- 2. Which of these can you use to edit or delete artboards?
 - a. The Artboard tool
 - b. The Artboard Options button
 - c. The Artboards panel
 - d. All of these answers are correct
- 3. What happens if you drag across several areas with the Shape Builder tool?
 - a. Tracking
 - b. Kerning
 - c. Spacing
 - d. Pairing
- 4. What is the ideal amount of space between characters?
 - a. Double the font size
 - b. Exactly 5 pts
 - c. Characters shouldn't touch each other
 - d. It varies, adjust until visually appealing
- 5. If you want objects to update when you change the colour of a swatch applied to them, use:
 - a. Global Swatches
 - b. International Swatches
 - c. Unique Swatches
 - d. None of these answers are correct
- 6. Which of these choices define relationships between colours that look good together?
 - a. Swatches panel
 - b. Tints
 - c. Harmony rules
 - d. Shade rules
- 7. How can you convert selected text to paths?
 - a. Choose Type > Create Outlines
 - b. Choose Font > Create Outlines
 - c. Click Shift + P
 - d. Choose Type > Convert to Paths
- 8. Each enclosed area in a Live Paint group is called?
 - a. An Edge
 - b. A Face
 - c. A Head
 - d. A Group

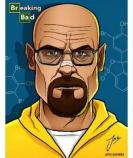


- 9. When you click an object with the Rotate tool selected, what are you establishing?
 - a. The Anchor Point
 - b. The Rotation Nexus
 - c. The Point of Transformation
 - d. The Point of Transfer

Tracing / Redrawing of Logos









Learning Objectives

After completing this project the student should:

- Demonstrate a working knowledge of industry standard software.
- Use industry standard software to execute design ideas.
- Create and manipulate digital images.
- Create final art for publication.

Project description

Students are required to trace the three logos supplied using appropriate tools and menus in Adobe Illustrator to accurately redraw the supplied logos.

Once students have completed the tracing of the three logos, they will have to apply the CMYK colours according to the brand specifications or style guides (see Assets folder for Logo/Brand CMYK specs).

You will also be required to recreate each logo's text. Please note that the auto trace options available in Adobe Illustrator may not be used to complete this task.

Project details, processes and evidence requirements are stated in the brief.

Material requirements:

Students require access to the following resources to successfully complete this project:

- Online sources for research purposes
- Access to Adobe Illustrator, Adobe Fonts and Adobe Acrobat DC

Learning Assumed to be in place:

- Basic understanding of tools and menus in Adobe Illustrator.
- Creating new documents at specific sizes.
- Working knowledge of the pen tool.
- Adding and formatting text.



LU 4

Creating the Back of a Business Card



Introduction

In this chapter you'll learn techniques for drawing and manipulating paths and changing their appearance. The Appearance panel in Adobe Illustrator CC is incredibly powerful and allows you to create complex appearances from simple, basic paths.

Learning outcomes

- Draw, split, and join paths.
- Group and ungroup objects.
- Work in isolation mode.
- Use the Appearance panel.
- Create and work with graphic styles.
- Work with layers.
- Set type on a path.
- Create a pattern swatch.



Prescribed reading

Chelius, C. and Schwartz, R. 2018. Learn Adobe Illustrator CC for Graphic Design and Illustration: Adobe Certified Associate Exam Preparation. Second Edition, Chapter 4: Creating the Back of a Business Card. Peachpit Press. Available at

https://learning.oreilly.com/library/view/learn-adobeillustrator/9780134878546/ch04.xhtml#ch04



Webinar



Adobe Creative Cloud Live YouTube Channel: Make it now with Adobe Illustrator

https://www.youtube.com/playlist?list=PLD8AMy73ZVxWtUAf-Zzw6baso-4YgR4wz



ACP Objectives

For full descriptions of the objectives, see the table on pages 196–204.



- Domain 2.0 Project Setup and Interface: 2.3D, 2.5, 2.5A, 2.5B, 2.5C, 2.6, 2.6A, 2.6B
- Domain 3.0 Organization of Documents: 3.1, 3.1A, 3.1B, 3.2B
- Domain 4.0 Create and Modify Visual Elements:
 4.1A, 4.1B, 4.2, 4.3A, 4.3B, 4.3C, 4.4B, 4.5A, 4.5B,
 4.5C, 4.6B, 4.6C



Video Activity 4

- Video 4.1: Creating the Streets (of the map on the back of the business card)
- Video 4.2: Selecting Based on Appearance and Working with Groups
- Video 4.3: Using the Appearance Panel to Add an Appearance to the Streets
- Video 4.4 Organizing the Content on the Back of the Card Using Layers
- Video 4.5 Adding Names to Each Street on the Map
- Video 4.6 Creating a Pattern Swatch for the Landmarks
- Video 4.7 Adding a Gradient Effect to the Landmarks
- Video 4.8 Adding the Finishing Touches to the Map on the Back of the Business Card



Class exercise 4a

Open Class exercises → Class exercise ex4A.ai

- Add a second artboard and recreate the text and shapes on artboard 1 on to artboard 2. Do not use the image trace option to recreate these objects.
- Save as ex4a.ai



Class exercise 4b

Open Class exercises → Class exercise ex4b.ai

- Set the text to the spiral path. Resize the text to 16 points
- Save as ex4b.ai.



Class exercise 4c

- Open Class exercises → Class exercise ex4c.ai
- Create a pattern swatch with the object from artboard
 1
- Apply and adjust the patters to the Bustier Vectors on artboard 2 to match artboard 3.
- Change the shadow and adjust the opacity to match artboard
- Save as ex4c.ai.





Revision Questions: LU 4

- 1. What happens when you select one object within a group?
 - a. Only that object will be selected
 - b. All the objects will be selected
 - c. Only the object and the one next to it will be selected
 - d. None of these answers are correct
- 2. How do you select a nested group within another group using the Group Selection tool?
 - a. Click once on an object in the group
 - b. Click twice on an object in the group
 - c. Click three times on an object in the group
 - d. None of these answers are correct
- 3. How can you exit isolation mode when you are finished editing?
 - a. Press the Escape key
 - b. Click the left arrow in the Isolation Mode bar
 - c. Double-click the canvas
 - d. All of these answers are correct
- 4. Where would you go to save a set of appearance attributes for repeated use?
 - a. The Appearance panel
 - b. The Graphic Style panel
 - c. The Effect menu
 - d. The Pathfinder panel
- 5. How do you move or reorient type on a path?
 - a. Drag the asterisks
 - b. Drag the parentheses
 - c. Drag the brackets
 - d. You can't move type on a path
- 6. Which of these can you apply a pattern swatch to?
 - a. Object fill but not stroke
 - b. Object stroke but not fill
 - c. Neither stroke nor fill
 - d. Object fill and stroke
- 7. Which of these indicate what colours make up a gradient?
 - a. Transition Stops
 - b. Colour Stops
 - c. Colour Spots
 - d. Transition Points



	Module Content	
	8. What does a clipping mask do? a. Uses the Scissors tool to hide part of the image b. Reduces the size of your artboard c. Permanently crops out part of an image d. Controls whether artwork in a layer is hidden or revealed	
LU 5	Creating a Music Festival Poster	
	Introduction You will learn new techniques in Adobe Illustrator CC using a photograph as a reference for the artwork you'll be drawing, and then you'll add graphic elements. You're encouraged to have fun here and experiment with the techniques that you'll be introduced to. You don't have to match what was shown in the video exactly; add your own creative flair.	
	Learning Objectives	
	 Place images in Illustrator. Use the Pen tool. Duplicate and transform objects. Create a clipping mask. Create, apply, and edit a brush. Use Image Trace. Use envelope distort. Add effects. Package a project. 	
	Prescribed reading Chelius, C., Schwartz, R. 2018. Learn Adobe Illustrator Coffor Graphic Design and Illustration: Adobe Certified Associate Exam Preparation. Second Edition, Chapter 5: Creating a Music Festival Poster. Peachpit Press. Available at https://learning.oreilly.com/library/view/learn-adobe-illustrator/9780134878546/ch05.xhtml#ch05	
	Flipped class reading Using Brushes to Create an AD, Wood, B. 2021. Adobe Illustrator Classroom in a Book (2022 release), Chapter 12: Using Brushes to Create an A Peachpit Press. Available at https://learning.oreilly.com/library/view/adobe-illustrat-classroom/9780136805755/ch12.xhtml	



Creating Artwork for a T-Shirt

Wood, B. 2021. Adobe Illustrator Classroom in a Book (2022 release), Chapter 14: Creating Artwork for a T-Shirt. Peachpit Press, Available at

https://learning.oreilly.com/library/view/adobe-illustrator-classroom/9780136805755/ch14.xhtml



ACP Objectives

For full descriptions of the objectives, see the table on pages 196–204.

- Domain 2.0 Project Setup and Interface: 2.3C, 2.4A, 2.4B,
 2.6
- Domain 3.0 Organization of Documents: 3.1, 3.1A, 3.1B, 3.2, 3.2A, 3.2B
- Domain 4.0 Create and Modify Visual Elements: 4.1A,
 4.1B, 4.2, 4.2E, 4.3C, 4.4B, 4.5, 4.5B, 4.5D, 4.6A
- Domain 5.0 Publishing Digital Media: 5.2D



Video Activity 5

- Video 5.1 Creating the Poster and Placing an Image
- Video 5.2 Using the Pen Tool to Draw the Shape of the Guitar
- Video 5.3 Drawing the Frets and Fret Markers on the Guitar
- Video 5.4 Adding the Bridge Details and Strings
- Video 5.5 Loading, Creating, and Applying Brushes
- Video 5.6 Running Image Trace on an Image
- Video 5.7 Distorting Objects Using the Envelope Distort Feature
- Video 5.8 Adding Effects to the Music Poster
- Video 5.9 Placing Text from an External File
- Video 5.10 Packaging the Elements of the Project for Distribution



Class exercise 5a

Practice the following techniques to improve your Adobe Illustrator skills:

- Placing an image in Illustrator.
- Using the Pen tool to create shapes and trace objects.
- Duplicating and transforming objects.
- Creating clipping masks.
- Creating, applying, and edit a brush.
- Using freeform gradient to shade artwork
- · Adding effects.





Class exercise 5b

Open Class exercises → Class exercise 5b

- Place one of the following images into Illustrator as a trace image EX5_image1 EX5_image2.
- Adjust the artboard
- Trace the lips as realistic as possible.
- App all the objectives you've learned in Learning Unite 5
- Save as 5b.ai



Class exercise 5c - Gamification

Open The Bézier Game and see how accurate you can use the pen tool

https://helpx.adobe.com/illustrator/games/pen-toolgame/.



Class exercise 5d - Gamification

Open the The Bézier Game and practice your pen skills. https://bezier.method.ac



Revision Questions LU5

- 1. Choose the most correct statement about file placement options in Illustrator.
 - a. An embedded image is stored in the Illustrator file and increases the file size
 - b. A linked image is stored in the Illustrator file and increases the file size
 - c. A linked image is a separate external file which increases the file size
 - d. An embedded image is a separate external file which decreases the file size
- 2. What controls the shape of the curve on a curved path segment?
 - a. Direction Handles
 - b. Corner Anchor Points
 - c. Curve Anchor Points
 - d. Smooth Anchor Points
- 3. If you add multiple instances of a symbol to your artwork and then update the original symbol, what happens?
 - a. None of the instances of the symbol in your art are updated
 - b. Only the most recent 10 instances of the symbol are updated
 - c. The links to the symbol instances in your artwork are automatically broken
 - d. All linked instances of that symbol are updated in your artwork



- 4. Which brush type would you use to disperse copies of an object along a path?
 - a. Bristle Brush
 - b. Scatter Brush
 - c. Calligraphic Brush
 - d. Dispersal Brush
- 5. What happens to a brush if you delete the artwork you used to create it?
 - a. You can't delete artwork used to create a brush
 - b. The brush is greyed out and can no longer be used
 - c. The brush remains unchanged
 - d. The brush is also deleted
- 6. When you edit a brush, what happens to existing strokes that have that brush applied to them?
 - a. A dialog offers the option to apply the new brush to existing strokes
 - b. Existing strokes are automatically updated with the new brush
 - c. You can't apply the new brush to previous strokes
- 7. How can you instruct Illustrator to make the white areas of an image transparent when using Image Trace?
 - a. You can't make the white areas of an image transparent
 - b. Toggle on the Transparency switch in the Image Trace panel
 - c. Change the white swatch to None
 - d. Select Ignore White in the Image Trace panel
- 8. When using the Envelope Distort feature, what is used to distort the text?
 - a. Shapes
 - b. Colours
 - c. Font Size
 - d. Font Family
- 9. How can you tell when a layer is targeted and has appearance attributes applied to it?
 - a. The target square is filled in
 - b. The target circle is filled in
 - c. The target circle is empty
 - d. The target circle turns green



- 10. How do you know when there is overset text in an area type object?
 - a. The object is highlighted in red
 - b. There is a red plus sign in the lower-right corner
 - c. The text that is overset appears in red on the artboard
 - d. All of these answers are correct
 - 11. Which package option would you choose to generate a summary of the packaged elements as a text file?
 - a. Generate Summary
 - b. Create Summary
 - c. Create Report
 - d. Collect Links in a Separate Folder

LU 6

Creating and Exporting Content for Web and Mobile Projects



Introduction

Adobe Illustrator CC offers several advantages when creating artwork for mock-ups and mobile applications, namely the fact that by using vector content you can easily adjust elements without loss of quality. In addition, Illustrator gives us several tools that we can use for exporting that vector-based content to web graphics for use during web development.

Learning Objectives

- Place photos into an Adobe Illustrator file.
- Use the Shape Builder tool to create artwork.
- Work with text in Illustrator.
- Understand colour mode settings for web documents.
- Save files for web use.
- Use Export for Web and Export for Screens.



Prescribed reading:

Chelius, C., Schwartz, R. 2018. Learn Adobe Illustrator CC for Graphic Design and

Illustration: Adobe Certified Associate Exam Preparation.
Second Edition, Chapter 6: Creating and Exporting Content for Web and Mobile Projects. Peachpit Press. Available at https://learning.oreilly.com/library/view/learn-adobe-illustrator/9780134878546/ch06.xhtml#ch06





ACP Objectives

For full descriptions of the objectives, see the table on pages 196–204.

- Domain 2.0 Project Setup and Interface: 2.1A, 2.4
- Domain 3.0 Organization of Documents: 3.1
- Domain 4.0 Create and Modify Visual Elements: 4.1,
 4.1A, 4.2, 4.4, 4.5B, 4.6C4
- Domain 5.0 Publishing Digital Media: 5.1A, 5.2, 5.2B



Video Activity 6

- Video 6.1 Creating an Illustrator File at the Size of a Mobile Screen
- Video 6.2 Creating the Icons for the Mobile Mockup
- Video 6.3 Adding Text and Images to the Mobile Mockup
- Video 6.4 Saving to Web-Based Formats Using the Save For Web Command
- Video 6.5 Using Export for Screens to Create Assets for Web and Mobile Use



Class exercise 6

Open Class exercises → Class exercise 6. You will find all the asset in the resource folder in the ex6 folder

- Recreate the Phase Shift Template.
- You may use Lorem Ipsum as placeholder text
- Save file as ex6.ai



Revision Questions LU6

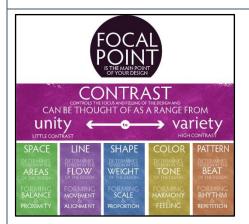
- 1. Which of these settings would not typically be associated with a mobile pre-set?
 - a. Units of Measurement are pixels
 - b. Colour Mode RGB
 - c. Raster Effects Resolution set to 300 ppi
 - d. Use File > New to create document
- 2. What happens when you Option-click (MacOS) or Alt-click (Windows) on a smooth anchor point?
 - a. It converts it to a corner point
 - b. Nothing happens
 - c. It changes it to a straight point
 - d. It changes it to a closed path
- 3. Which Shape Mode removes the overlapping objects from the bottom of two selected shapes?
 - a. Intersect
 - b. Minus Front
 - c. Exclude
 - d. Unite



- 4. How can you adjust the width and height of a selected object independently?
 - a. Deselect the Constrain Width and Height Proportions icon
 - b. Select the Constrain Width and Height Proportions icon
 - c. Select the Unconstrained size checkbox
 - d. None of these answers are correct
- 5. What happens to a selected image when you change the blend mode to Colour and the Opacity value to 100%?
 - a. The image remains unchanged
 - b. The image becomes extra vibrant
 - c. The image becomes completely white
 - d. The image appears as black & white
- 6. Which of these is a benefit of the JPEG file format?
 - a. It includes transparency in the image
 - b. It can be compressed to very small sizes
 - c. Vector graphics can be upscaled without quality loss
 - d. It uses lossless compression
- 7. Which of these is a vector file format?
 - a. SVG
 - b. PNG-8
 - c. GIF
 - d. All of these answers are correct
- 8. How can you export each artboard in your document as an individual file when generating web and mobile assets?
 - a. You can't export individual artboards for web
 - b. Select the Artboard tab in the Export for Screens dialog
 - c. Use the Save For Web command
 - d. Choose View > Hide Slices
- 9. Which of these attributes can be defined using the Asset Export panel?
 - a. Scale factor
 - b. Suffix
 - c. Format
 - d. All of these answers are correct



LU 7



Levelling Up with Design

Introduction

Now that you have a good grasp of the tools in Adobe Illustrator CC, you'll start learning how best to use them. Much like any other skill, understanding how a tool works and becoming a master craftsperson are two completely different levels of achievement. In many ways, they're distinct ways of thinking about the tools you've learned to use.

Learning Objectives

- Hone your creativity.
- Prepare your mind for design.
- Apply the design hierarchy.
- Discover the elements of art.
- Understand the element of shape.
- Learn how colour works.
- Explore typography.
- Understand the principles of design.



Prescribed reading

Chelius, C., Schwartz, R. 2018. *Learn Adobe Illustrator CC* for Graphic Design and

Illustration: Adobe Certified Associate Exam Preparation. Second Edition, Chapter 7: Levelling Up with Design.

Peachpit Press. Available at

https://learning.oreilly.com/library/view/learn-adobeillustrator/9780134878546/ch07.xhtml#ch07



ACP Objectives

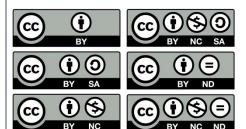
For full descriptions of the objectives, see the table on pages 196–204.

 Domain 1.0 Working in the Design Industry: 1.5, 1.5A, 1.5B, 1.5C





LU 8



Working with Outsiders

Introduction

As a visual designer, you're going to work with others. Being a designer and being an artist are two different careers, but most people who do creative work for a living find a need to do both. It's similar to the way a lot of photographers shoot weddings to pay the bills. It may not be their favourite type of photography, but it pays well and makes people happy.

Learning outcomes

- Reshape Understand your client's needs.
- Familiarize yourself with copyright and licensing basics.
- Explore project management.
- Avoid project creep.



Prescribed reading

Chelius, C., Schwartz, R. 2018. Learn Adobe Illustrator CC for Graphic Design and

Illustration: Adobe Certified Associate Exam Preparation. Second Edition, Chapter 8: Working with Outsiders. Peachpit Press. Available at

https://learning.oreilly.com/library/view/learn-adobe-illustrator/9780134878546/ch08.xhtml#ch08



Additional reading

Creative Commons. (2018, November 11). Retrieved from http://creativecommons.org/licenses/by-nc-sa/3.0/



ACP Objectives

For full descriptions of the objectives, see the table on pages 196–204.

• Domain 1.0 Working in the Design Industry: 1.1, 1.2, 1.3



Video Activity 8

- Video 8.1 8.4 Introduction to Project Planning
- Video 8.5 8.8 About Copyright
- Video 8.9 8.15 Project Management
- Video 8.16 Wrapping Up Project Planning





Revision Questions: LU8

- 1. When does something original you've created become copyrighted?
 - a. After you turn in the copyright paperwork
 - b. After the copyright is officially approved by a government office
 - c. As soon as it's recorded in a fixed form
 - d. Copyright law promotes freedom and creativity
- 2. How can you add copyright information to digital content without having a visually distracting copyright notice on the artwork?
 - a. By adding metadata into your digital files
 - b. A copyright isn't valid unless it's visible
 - c. By adding microdata into your digital files
 - d. Place the copyright information subliminally into your design
- 3. Issues a court would likely consider when making a decision about fair use include Purpose, Nature, Amount, and:
 - a. Strength
 - b. Success
 - c. Effectiveness
 - d. Effect
- 4. Which of these is an example of licensing:
 - a. Shooting digital images, yourself for your design
 - b. Using Adobe Stock to procure images for your design
 - c. Using an image for free for educational purposes
 - d. Using an image that is in the public domain
- 5. Which type of Creative Commons license requires that you not change the material when you incorporate it into your own work?
 - a. ShareAlike
 - b. NonCommercial
 - c. NoDerivs
 - d. NoChange
- 6. The first step of the problem-solving process is to:
 - a. Learn
 - b. Think
 - c. Do
 - d. All of these answers are correct
- 7. When brainstorming, it's important to:
 - a. Analytically judge your ideas for soundness
 - b. Let your ideas flow
 - c. Sort your ideas
 - d. Keep in mind how much time you have



- 8. Two critical points that must be a part of every project plan are:
 - a. The Storyboards and Specifications
 - b. The Design Idea, and the Project Deadline
 - c. The Project Scope and the Project Deadline
 - d. The Project Cost and the Project Deliverables
- 9. What is Project Creep?
 - a. When a project becomes unfocused and out of control
 - b. When a client asks you for a favour
 - c. When a project moves along at a steady, but slow pace
 - d. A person you dislike who is in charge of a project
- 10. What's the best way to avoid project creep without jeopardizing the professional relationship?
 - a. Revise the project scope periodically throughout the course of the project
 - b. Charge more at the outset to cover the costs of project creep
 - c. Say no if the client requests a change
 - d. Make sure the project's scope is clearly stated
- 11. Which of these is an important part of a feedback loop?
 - a. Not bothering the client with details
 - b. Iterative work
 - c. Copyright requirements
 - d. Respecting the client's privacy





Master Classes: ACP

International Preparation: Learn Adobe Illustrator CC for Graphic Design and Illustration: Adobe Certified Associate Exam Preparation.

International Exam Brief

In preparation for the Adobe Certified Associate in Graphic Design & Illustrations using Adobe Illustrator CC 2023 exam, the students will work through the following exam objective which consist of theory and practical questions, in order to successfully execute elements that are covered in the preliminary exam.

These questions and answers are meant to help you familiarize yourself with the topics you will find in the international exam, however these Q's & A's are not comprehensive across all the exam objectives.

ACP International Exam Structure

The following lists the topic areas for the exam;

- Domain 1: Working in the Design Industry
- Domain 2: Project Setup and Interface
- Domain 3: Organising Documents
- Domain 4: Creating and Modifying Visual Elements
- Domain 5: Publishing Digital Media

ACP International Exam number of questions and time

- 10 Theory Questions
- 22 Practical Questions
- 50 Minutes

ACP exam details are stated in the GCP411 Master Class brief.







Adobe Illustrator ACP Prelim Test



Project description

The prelim will test your theory and practical knowledge in each if the following domains

- DOMAIN 1.0 Working in the Design Industry
- DOMAIN 2.0 Project Setup and Interface
- DOMAIN 3.0 Organization of Documents
- DOMAIN 4.0 Create and Modify Visual Elements
- DOMAIN 5.0 Publishing Digital Media

Learning Assumed to be in place:

- An understanding of the menus in Adobe Illustrator.
- Placing and translation of bitmap images into vector.
- Utilising layers for object placement.





ACP Objectives Covered

Makes sure you work through all the ACP objectives prior to writing the Test 2 and the International exam.

DOMAIN OBJECTIVES	CHAPTER	VIDEO
DOMAIN 1.0 Working in the Design Industry		
1.1 Identify the purpose, audience, and audience needs for preparing images.	Ch 1 Creating a New Document, 10 Ch 8 Who You're Talking for and Who You're Talking to, 176	8.2 Discovering ClientGoals8.3 Finding the TargetAudience
1.2 Communicate with colleagues and clients about design plans.	Ch 8 Project Management, 186 Ch 8 Setting Project Requirements, 191 Ch 8 Project Scope, 191 Ch 8 Avoiding Project Creep, 192 Ch 8 Feedback Loop, 194	8.4 The Golden Rule for Client Work 8.9 Project Management Intro 8.10 Project Management—Understand the Problem 8.13 Project Management—Avoiding Creep 8.14 Project Management—Make It So
1.3 Determine the type of copyright, permissions, and licensing required to use specific content.	Ch 8 Copyrights and Wrongs, 180 Ch 8 Playing Fair with Copyrighted Material, 182 Ch 8 Licensing, 184 Ch 8 People Permissions, 185	8.5 About Copyright8.6 Digital Tools for Tracking Copyright8.7 Fair Use and Copyright8.8 Licensing: Strict and Free
1.4 Demonstrate an understanding of key terminology related to digital images.	Ch 1 What Is Adobe Illustrator CC?, 5	1.1 What Is Adobe Illustrator CC? 2.1 Create a New Illustrator Document
1.4a Demonstrate knowledge of digital image terminology.	Ch 1 What Is Adobe Illustrator CC?, 5	1.1 What Is Adobe Illustrator CC?
1.4b Demonstrate knowledge of how colour is created in digital images.	Ch 1 Customizing Document Settings, 11	
1.5 Demonstrate knowledge of basic design principles and best practices employed in the design industry.	Ch 7 Leveling Up with Design, 131	7.1 Design School: Introduction



1.5a Communicate visually using the elements and principles of design and common design techniques	Ch 7 The Design Hierarchy, 133 Ch 7 The Elements of Art, 138 Ch 7 The Principles of Design, 165	7.3 Design School: The Design Hierarchy7.4 Design School: The Elements of Art7.13 Design School: The Principles of Design
1.5b Identify and use common typographic adjustments to create contrast, hierarchy, and enhanced readability.	Ch 7 The Element of Type, 157	7.12 Design School: The Element of Type
1.5c Define common photographic/cinematic composition terms and principles.	Ch 7 Applying the Design Hierarchy, 134 Ch 7 The Element of Space, 139	7.5 The Element of Space
DOMAIN 2.0 Project Setup and Interface		
2.1 Create a new document with the appropriate settings for web, print, and video.	Ch 1 Creating a New Document, 10	1.2 An Overview of the Adobe Illustrator CC Interface
2.1a Set appropriate document settings for printed and onscreen images.	Ch 2 Creating a New Document, 27 Ch 6 Creating a Document for a Mobile Device, 115	2.1 Create a NewIllustrator Document6.1 Creating an IllustratorFile at the Size of aMobile Screen



2.2 Navigate, organize, and customize the application workspace.	Ch 1 Customizing the Workspace, 14 Ch 2 Defining Preferences in Adobe Illustrator CC, 30	
2.2a Identify and manipulate elements of the Illustrator interface.	Ch 3 Modifying an Artboard, 47	1.2 An Overview of the Adobe Illustrator CC Interface3.1 Modifying Artboards
2.2b Organize and customize the workspace.		1.3 Customizing the Workspace
2.2c Configure application preferences.		1.2 An Overview of the Adobe Illustrator CC Interface2.2 Defining Preferences in Adobe Illustrator CC
2.3 Use non-printing design tools in the interface to aid in project workflow.	Ch 2 Adding Guides to the Postcard for Easy Alignment of Objects, 32	
2.3a Navigate a document	Ch 2 Navigating a Document Effectively in Illustrator, 37 Ch 3 Modifying an Artboard, 47	2.6 Navigating an Illustrator Document Using Various Techniques3.1 Modifying Artboards
2.3b Use rulers.		2.3 Adding Guides to a Document
2.3c Use guides and grids.	Ch 2 Adding and Formatting Text, 40 Ch 3 Creating a Half-Pipe for the Background of the Card, 50 Ch 5 Adding the Frets and Fret Markers to the Neck of the Guitar, 94	 2.3 Adding Guides to a Document 2.7 Using the Type Tool to Add Text Elements to the Postcard 3.2 Creating a Half-Pipe for the Business Card 5.3 Drawing the Frets and Fret Markers on the Guitar
2.3d Use views and modes to work efficiently with vector graphics.	Ch 3 Creating a Half-Pipe for the Background of the Card, 50 Ch 4 Selecting Objects and Working with Groups, 67	3.2 Creating a Half-Pipe for the Business Card4.2 Selecting Based on Appearance and Working with Groups5.6 Running Image Trace on an Image
2.4 Import assets into a project.	Ch 6 Adding Text and Photos, 122	5.1 Creating the Poster and Placing an Image



		6.3 Adding Text and Images to the Mobile Mockup
2.4a Open or import images into Illustrator.	Ch 5 Placing an Image in Adobe Illustrator, 89	5.1 Creating the Poster and Placing an Image
2.4b Place assets in an Illustrator document.	Ch 5 Placing an Image in Adobe Illustrator, 89 Ch 5 Using Image Trace to Create Distressed Text, 103	5.1 Creating the Poster and Placing an Image5.6 Running Image Trace on an Image5.9 Placing Text from an External File
2.5 Manage colours, swatches, and gradients.	Ch 4 Adding a Gradient Effect and Details to the Landmarks, 81	4.7 Adding a Gradient Effect to the Landmarks
2.5a Set the active fill and stroke colour.	Ch 2 Creating Shapes for the Postcard Background, 34 Ch 3 Creating a Half-Pipe for the Background of the Card, 50 Ch 3 Creating Swatches, 54 Ch 4 Adding a Gradient Effect and Details to the Landmarks, 81	 2.4 Creating Shapes for the Background of the Postcard Project 3.2 Creating a Half-Pipe for the Business Card 3.4 Creating Swatches for the Front of the Business Card 4.7 Adding a Gradient Effect to the Landmarks
2.5b Create and/or customize a gradient.	Ch 4 Adding a Gradient Effect and Details to the Landmarks, 81	4.7 Adding a Gradient Effect to the Landmarks
2.5c Create, manage, and edit swatches and swatch libraries.	Ch 3 Creating a Half-Pipe for the Background of the Card, 50 Ch 3 Creating Swatches, 54 Ch 4 Creating and Applying a Pattern Swatch, 79 Ch 4 Adding a Gradient Effect and Details to the Landmarks, 81	3.2 Creating a Half-Pipe for the Business Card 3.4 Creating Swatches for the Front of the Business Card 4.6 Creating a pattern swatch for the landmarks 4.7 Adding a Gradient Effect to the Landmarks
2.5d Use the Colour Guide panel to select coordinated colours.	Ch 3 Creating Swatches, 54	3.4 Creating Swatches for the Front of the Business Card
2.6 Manage brushes, symbols, styles, and patterns.	Ch 4 Finishing Up: Adding Symbols and Trimming the Artwork, 83 Ch 5 Drawing the Bridge and Strings of the Guitar, 96	4.8 Adding the Finishing Touches to the Map on the Back of the Business Card



	Ch 5 Creating and Applying a Brush, 99	5.4 Adding the BridgeDetails and Strings5.5 Loading, Creating, andApplying Brushes
2.6a Open and browse libraries for included brushes, symbols, graphic styles, and patterns.	Ch 4 Using the Appearance Panel, 70 Ch 4 Creating and Applying a Pattern Swatch, 79 Ch 4 Finishing Up: Adding Symbols and Trimming the Artwork, 83	 4.3 Using the Appearance Panel to Add an Appearance to the Streets 4.6 Creating a Pattern Swatch for the Landmarks 4.8 Adding the Finishing Touches to the Map on the Back of the Business Card
2.6b Create and edit brushes, symbols, styles, and patterns.	Ch 2 Drawing the Basic Lemon Artwork, 42 Ch 4 Using the Appearance Panel, 70 Ch 4 Creating and Applying a Pattern Swatch, 79 Ch 4 Finishing Up: Adding Symbols and Trimming the Artwork, 83	2.8 Drawing a Lemon Using Basic Shape Tools in Adobe Illustrator CC 4.3 Using the Appearance Panel to Add an Appearance to the Streets 4.6 Creating a Pattern Swatch for the Landmarks 4.8 Adding the Finishing Touches to the Map on the Back of the Business Card 5.5 Loading, Creating, and Applying Brushes
DOMAIN 3.0 Organization of Documents		
3.1 Use layers to manage design elements.	Ch 4 Working with Layers, 73 Ch 5 Drawing the Body of the Guitar, 91 Ch 6 Adding Text and Photos, 122	4.4 Organizing the Content on the Back of the Card Using Layers6.3 Adding Text and Images to the Mobile Mockup
3.1a Use the Layers panel to modify layers.	Ch 4 Working with Layers, 73 Ch 5 Adding the Frets and Fret Markers to the Neck of the Guitar, 94 Ch 5 Drawing the Bridge and Strings of the Guitar, 96	 4.4 Organizing the Content on the Back of the Card Using Layers 5.3 Drawing the Frets and Fret Markers on the Guitar 5.4 Adding the Bridge Details and Strings



		6.3 Adding Text and Images to the Mobile Mockup
3.1b Manage multiple layers in a complex project.	Ch 4 Working with Layers, 73 Ch 5 Adding the Frets and Fret Markers to the Neck of the Guitar, 94 Ch 5 Drawing the Bridge and Strings of the Guitar, 96 Ch 5 Adding Effects to the Music Poster, 109	 4.4 Organizing the Content on the Back of the Card Using Layers 5.3 Drawing the Frets and Fret Markers on the Guitar 5.4 Adding the Bridge Details and Strings 5.8 Adding Effects to the Music Poster
3.2 Modify layer visibility using opacity and masks.	Ch 4 Adding a Gradient Effect and Details to the Landmarks, 81	
3.2a Adjust a layer's opacity.	Ch 5 Adding Effects to the Music Poster, 109	5.8 Adding Effects to the Music Poster
3.2b Create, apply, and manipulate clipping masks	Ch 4 Finishing Up: Adding Symbols and Trimming the Artwork, 83 Ch 5 Using Image Trace to Create Distressed Text, 103	4.8 Adding the Finishing Touches to the Map on the Back of the Business Card
DOMAIN 4.0 Create and Modify Visual Ele	ments	
4.1 Use core tools and features to create visual elements.	Ch 6 Creating Web Graphics Using Save For Web, 124	2.5 Changing the Corner Appearance of an Object for the Postcard
4.1a Create images using a variety of tools.	Ch 2 Drawing the Basic Lemon Artwork, 42 Ch 4 Adding a Gradient Effect and Details to the Landmarks, 81 Ch 5 Drawing the Bridge and Strings of the Guitar, 96 Ch 5 Creating and Applying a Brush, 99 Ch 6 Creating the Icons for the Mobile Mockup, 117	 2.8 Drawing a Lemon Using Basic Shape Tools in Adobe Illustrator CC 4.7 Adding a Gradient Effect to the Landmarks 5.4 Adding the Bridge Details and Strings 5.5 Loading, Creating, and Applying Brushes 6.2 Creating the Icons for the Mobile Mockup
4.1b Modify and edit vector images using a variety of vector tools.	Ch 4 Drawing the Streets of the Map, 63 Ch 5 Drawing the Body of the Guitar, 91 Ch 5 Drawing the Bridge and Strings of the Guitar, 96	4.1 Creating the Streets5.2 Using the Pen Tool to Draw the Shape of the Guitar5.4 Adding the Bridge Details and Strings



		6.4 Saving to Web-Based Formats Using the Save For Web Command
4.2 Add and manipulate text using appropriate typographic settings.	Ch 5 Placing Text and Linking Text Areas, 111 Ch 6 Adding Text and Photos, 122	3.3 Adding Text for the Logotype of the Business Card 5.7 Distorting Objects Using the Envelope Distort Feature 6.3 Adding Text and Images to the Mobile Mockup
4.2a Use a variety of tools to add typography to a design.	Ch 2 Adding Text to the Postcard, 39 Ch 3 Adding Text for the Logotype, 52	2.7 Using the Type Tool to Add Text Elements to the Postcard 3.3 Adding Text for the Logotype of the Business Card 4.5 Adding names to each street on the map
4.2b Use appropriate character settings in a design	Ch 3 Adding Text for the Logotype, 52	3.3 Adding Text for the Logotype of the Business Card 5.9 Placing Text from an External File
4.2c Use appropriate paragraph settings in a design.	Ch 3 Adding Text for the Logotype, 52 Ch 3 Adding Paragraph Text to the Front of the Business Card, 58	3.3 Adding Text for the Logotype of the Business Card 3.7 Adding Paragraph Text to the Front of the Business Card
4.2d Convert text to graphics.	Ch 3 Customizing the Logotype, 56	3.5 Converting the Logotype Text to Paths 5.6 Running Image Trace on an Image
4.2e Manage text flow across multiple text areas.	Ch 5 Placing Text and Linking Text Areas, 111	5.9 Placing Text from an External File
4.3 Make, manage, and manipulate selections.	Ch 2 Drawing the Basic Lemon Artwork, 42	
4.3a Make selections using a variety of tools.	Ch 4 Selecting Objects and Working with Groups, 67 Ch 4 Working with Layers, 73	4.2 Selecting Based on Appearance and Working with Groups4.4 Organizing the Content on the Back of the Card Using Layers



4.3b Modify and refine selections using various methods.	Ch 2 Drawing the Basic Lemon Artwork, 42 Ch 4 Selecting Objects and Working with Groups, 67	2.8 Drawing a Lemon Using Basic Shape Tools in Adobe Illustrator CC 4.2 Selecting Based on Appearance and Working with Groups
4.3c Group or ungroup selections.	Ch 3 Customizing the Logotype, 56 Ch 4 Selecting Objects and Working with Groups, 67 Ch 5 Using Image Trace to Create Distressed Text, 103	3.5 Converting the Logotype Text to Paths 4.2 Selecting Based on Appearance and Working with Groups
4.4 Transform digital graphics and media.	Ch 6 Creating the Icons for the Mobile Mockup, 117	6.2 Creating the Icons for the Mobile Mockup
4.4a Modify artboards.	Ch 3 Modifying an Artboard, 47	3.1 Modifying Artboards
4.4b Rotate, flip, and transform individual layers, objects, selections, groups, or graphical elements.	Ch 3 Finishing Up the Business Card Front, 59 Ch 4 Creating and Applying a Pattern Swatch, 79 Ch 5 Adding the Frets and Fret Markers to the Neck of the Guitar, 94 Ch 5 Using Envelope Distort to Distort Text to a Specific Shape, 107	 3.8 Finishing Up the Front of the Card 4.6 Creating a Pattern Swatch for the Landmarks 5.3 Drawing the Frets and Fret Markers on the Guitar 5.7 Distorting Objects Using the Envelope Distort Feature
4.5 Use basic reconstructing and editing techniques to manipulate digital graphics and media.	Ch 5 Drawing the Body of the Guitar, 91	5.2 Using the Pen Tool to Draw the Shape of the Guitar
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