

AUSTIN COMMUNITY COLLEGE

Advanced InDesign – ePublishing (21 hours)

ITSX 3034

COURSE SYLLABUS

Course Description: Use Adobe InDesign to create interactive and accessible PDFs, ePubs, and mobile apps. Exercises include creating forms, interactive objects, and animation. Create and validate Section 508c compliant PDFs. Build reflowable and fixed-layout ePubs, and a dual orientation iPad app.

PREREQUISITE: Adobe InDesign (ITSX-3010) or equivalent experience. An Adobe Creative Cloud account is required.

Course Objectives: At the end of the course students will be able to:

- identify limitations/capabilities of standard digital document formats
- add animated elements to PDFs
- create interactive PDF forms
- add and validate PDF accessibility
- export print layouts to reflowable and fixed layout ePub format
- touch up code in an ePub
- build and deploy a folio mobile app
- add interactive overlays to folio articles

Rationale: Adobe InDesign is the industry standard print layout program with powerful electronic document features. Offering content in a variety of digital formats is increasingly necessary in the connected workplace. Section 508c compliance in electronic documents is mandatory for government agencies, and essential for any organization distributing them to a wide audience.

Required Materials: Adobe Creative Cloud account.

Type of Course: Short course

Evaluation: Students will be evaluated on their competency in performing a variety of hands-on exercises throughout the course. In order to grant CEU credit for a course the students must be able to complete assessment exercises for each part of the course given by the instructor. The instructor will validate each participant's achievement of the course objectives by signing and awarding individual certificates of completion.

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Course Outline:

- I. Overview
 - a. Introduction to digital document formats

- II. PDFs
 - a. Using PDFs as a presentation tool
 - b. Adding animation in PDFs
 - c. Creating PDF forms
 - d. Validating PDF accessibility

- III. ePubs
 - a. Preparing print documents for ePub export
 - b. Building a reflowable ePub
 - c. Building a fixed-layout ePub
 - d. Decompiling ePubs for code editing
 - e. Spread control in fixed layout ePubs

- IV. Mobile Apps
 - a. Overview of articles and folios
 - b. Adding interactive overlays
 - c. Utilizing alternate layouts for mobile devices
 - d. Previewing and deploying a folio app