

Out-of-the-Box Experience

Creating a compelling and intuitive out-of-the-box
experience for our instructors



Working together for schools



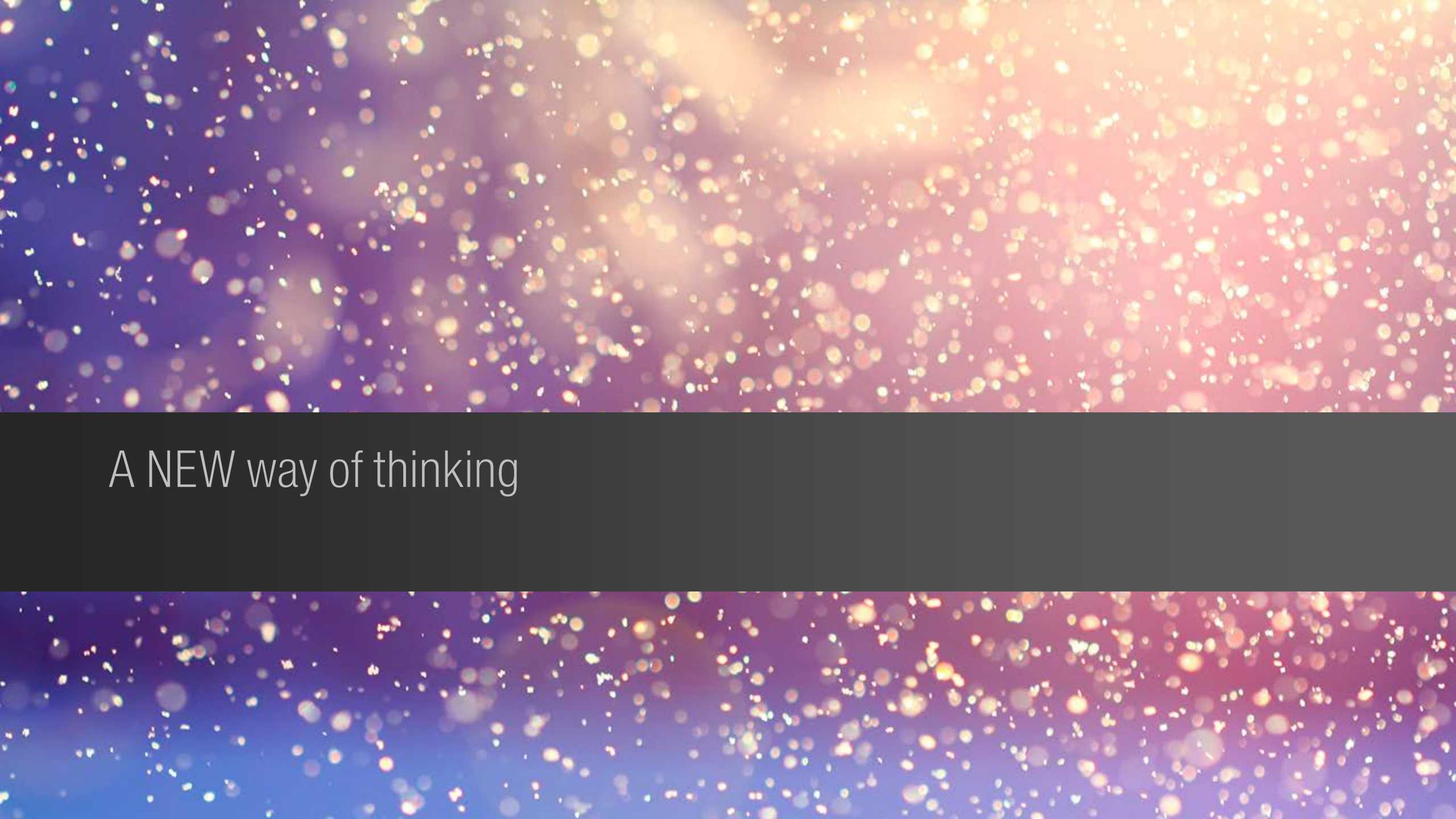
Out-of-the-box

Sales guidance for 10.2 (Chronos) Sandbox demos

High impact, low risk usability SP candidates

Unified UX vision for Learning Environment

6-8 month (Demeter) actionable improvements



A NEW way of thinking

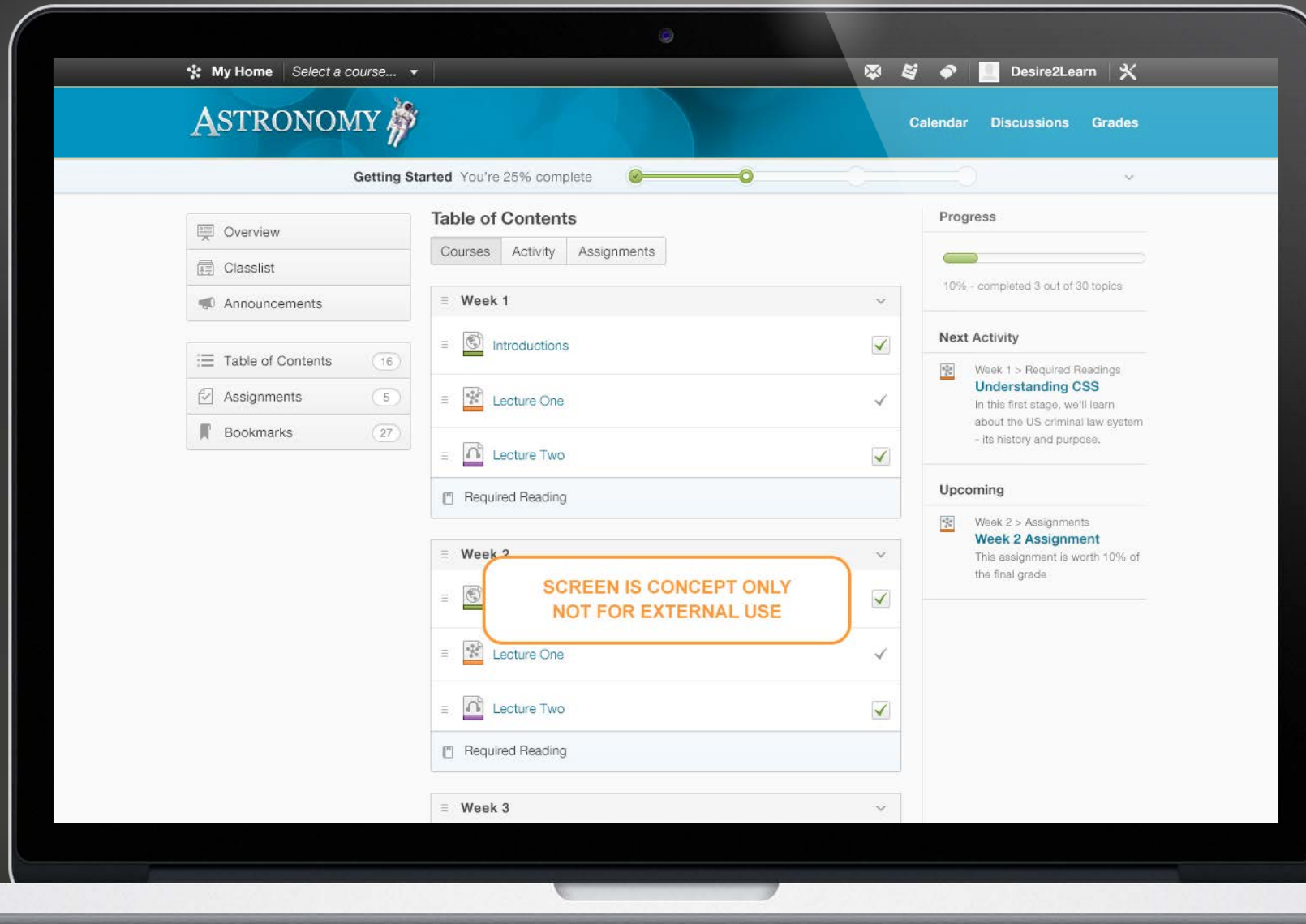
Long-term goals

- 1** Align Learning Environment with educator's practices
- 2** Create an intuitive, engaging UI experience



Growing opportunities





The Big Picture

8-12 month objectives

- 1 Define a primary persona to measure successes against
- 2 Define “epics” or high-level stories to focus projects around
- 3 Propose cross-team projects for improving the overall user experience



Introducing: Pam

Educator


Coach

Mentor



Pam's Epics

1. Pam feels guided
2. Pam finds it easy to import and update her existing course materials
3. Pam is satisfied with the system after completing her key tasks
4. Pam is confident the course materials she creates will engage students
5. Pam is confident that the course will look and behave as she expects when viewed by her students
6. Pam is excited to use the system

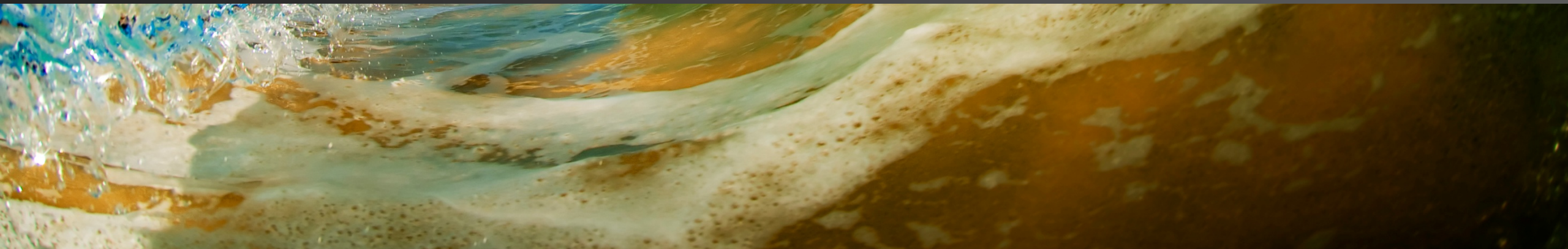


“Epics are large user stories, typically ones which are too big to implement in a single sprint, project, or release. They encapsulate our long-term goals for improving the User Experience in Learning Environment. Each epic will be disaggregated into smaller user stories.”



Epic 1

Feeling guided





Epic 1

Pam feels guided

She gets help whenever she needs it

She Creates and manages her courses without assistance



Epic 1

Pam feels guided

Org-level defaults – UXP

Minibar and navbar org-unit name display – UXP

Course dashboard – CORE

Getting started checklist – CORE/LP

CMC improvements – Foundations

Improved help – UXP

Org-level defaults

Aesthetic improvements

Navbar & widget defaults

My Courses & Activity Feed updates

My Home Select a course... Desire2Learn

Calendar Discussions Grades

Getting Started You're 25% complete

Courses Activity Assignments

Astronomy
Last Accessed: February 8, 2013
SUN MON TUE WED THU FRI SAT 2:30 - 4:30

Biotechnology
Last Accessed: February 8, 2013
SUN MON TUE WED THU FRI SAT 2:30 - 4:30

Aerospace Engineering
Last Accessed: February 8, 2013
SUN MON TUE WED THU FRI SAT 2:30 - 4:30

Applied Science
Last Accessed: February 8, 2013
SUN MON TUE WED THU FRI SAT 2:30 - 4:30

Updates

- ☐ **Contact John to plan the next seminar**
Planning
- ☐ **Submit: Assignment 1**
Astronomy
- ☐ **Read: Lecutre 5**
Biotechnology
- ☐ **Read: Lecutre 5**
Biotechnology

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Minibar and navbar org-unit name display

Increase minibar character limit

Add course name to default navbar

The screenshot shows a Desire2Learn course page for 'ASTRONOMY'. The page features a blue header with the course title and a small astronaut icon. Below the header, there's a 'Getting Started' section indicating the user is 25% complete. The main content area is divided into two columns. The left column contains a 'Minibar' with links to Overview, Classlist, Announcements, Table of Contents (16 items), Assignments (5 items), and Bookmarks (27 items). The right column contains an 'Overview' section with a calendar view (SUN, MON, TUE, WED) and a description of the course. A magnifying glass is positioned over the Minibar and the top part of the Overview section, highlighting the area where the course name is displayed in the navbar.

ASTRONOMY

Getting Started You're 25% complete

Overview

SUN MON TUE WED

This course is ideal for students interested in legal studies or for those who want to assess their aptitude for law enforcement or paralegal studies. It also provides an excellent foundation for those who want to learn the basics of the U.S. legal system, including the elements of most crimes and criminal defenses.

Course content includes criminal defenses, including self-defense, common law defenses such as attempt, conspiracy, criminal offenses such as criminal homicide, sex offenses, and solicitation. **THIS IS CONCEPT ONLY NOT FOR EXTERNAL USE**

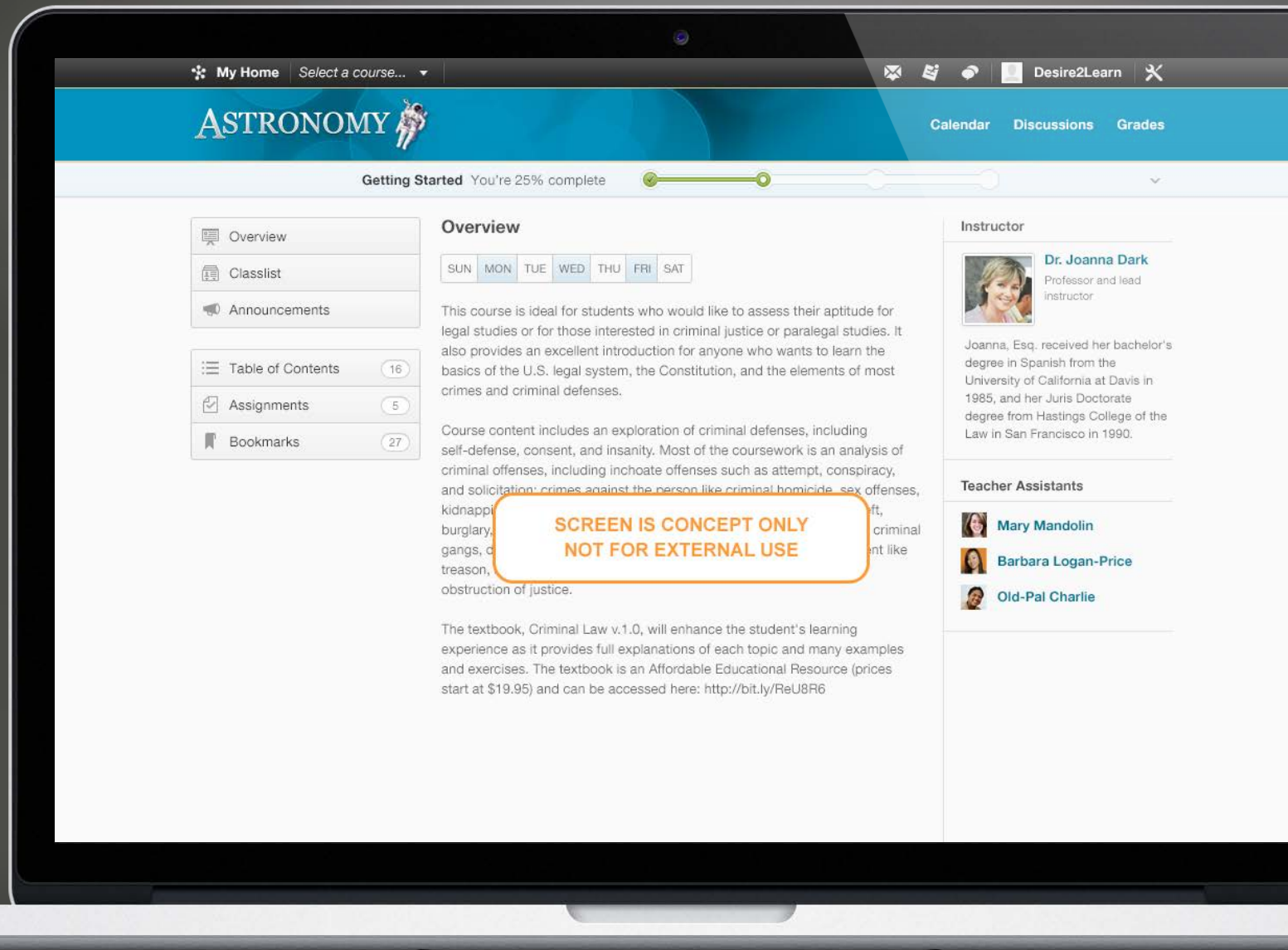
The textbook, Criminal Law v.1.0, will enhance the student's learning experience as it provides full explanations of each topic and many examples and exercises. The textbook is an Affordable Educational Resource (prices start at \$19.95) and can be accessed here: <http://bit.ly/ReU8R6>

Course dashboard

A guided, consistent, and intuitive experience

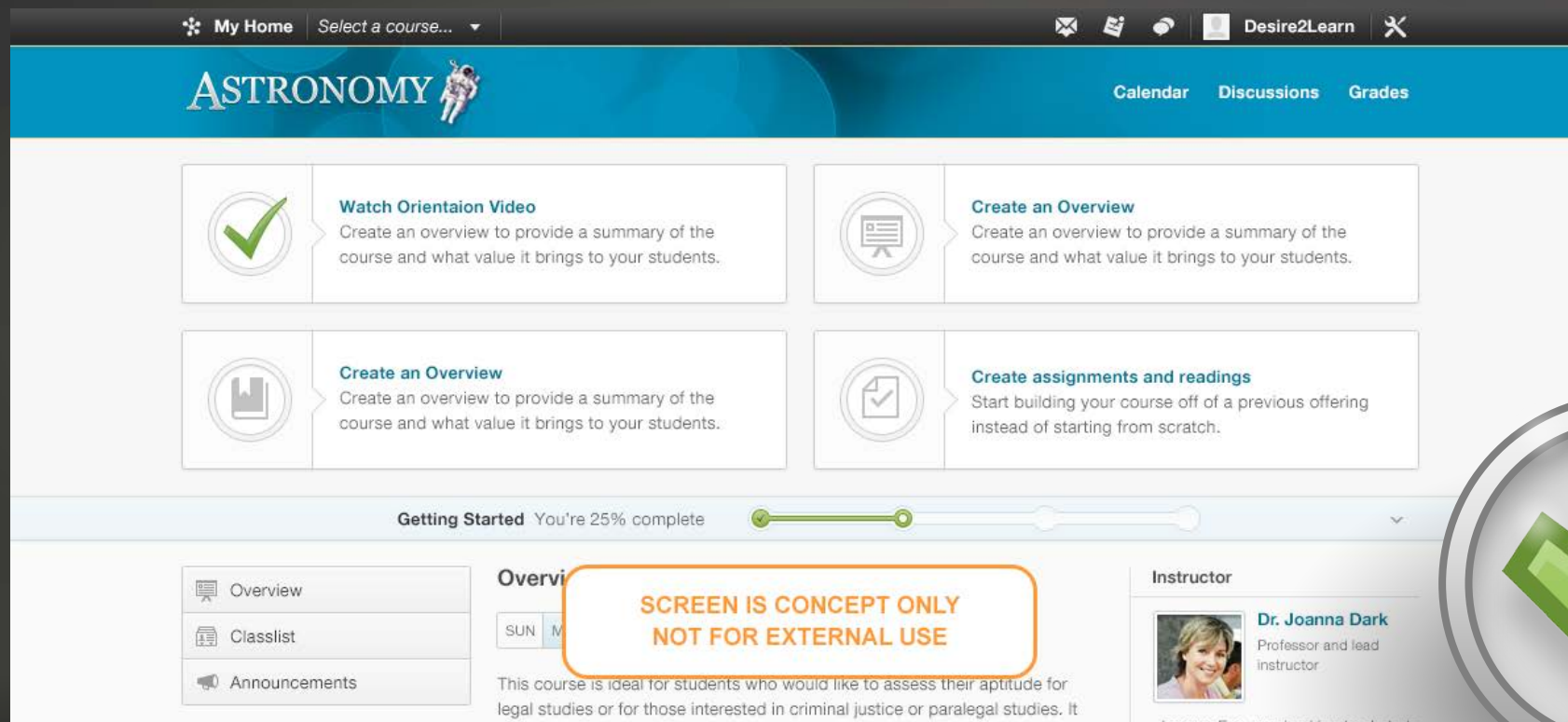
Redesign Content as a course dashboard or hub


Retain traditional homepage navigation for past courses and clients who do not wish to change







Getting started checklist

A minimal guide or checklist that walks instructors through setting up a course



ASTRONOMY 

Calendar Discussions Grades

-  **Watch Orientation Video**
Create an overview to provide a summary of the course and what value it brings to your students.
-  **Create an Overview**
Create an overview to provide a summary of the course and what value it brings to your students.
-  **Create an Overview**
Create an overview to provide a summary of the course and what value it brings to your students.
-  **Create assignments and readings**
Start building your course off of a previous offering instead of starting from scratch.

Getting Started You're 25% complete


Overview

SUN M

**SCREEN IS CONCEPT ONLY
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This course is ideal for students who would like to assess their aptitude for legal studies or for those interested in criminal justice or paralegal studies. It

Instructor

 **Dr. Joanna Dark**
Professor and lead instructor

Control panel

(Edit course improvements)

Organize Edit Course around key tasks or workflows related to managing course utilities

Rename Edit Course so it is clear that it is an area for properties/settings/advanced features and not for lesson planning or activity creation (considering Control Panel)





Improved help

Introduce dismissible help bubbles for communicating new or updated features and functionality

Provide entry-points to external documentation site that can be overwritten by the organization

Improve tool and page level help

Review language/jargon with instructional design community



Epic 2

Easy to import and update





Epic 2

Pam finds it easy to import and update her existing course materials

She can easily import any course package, from any system

Can easily update dates for course materials



Epic 2

Pam finds it easy to import and update her existing course materials

Integrate new copy/import tool in key course dashboard workflows – **CORE**

Improve dates management workflows – **CORE**

Improve discoverability of drag and drop features – **UXP**

Integrate new copy/import tool

Include import/copy course components as a primary task in the Getting Started checklist

Embed new import/copy tool in dashboard workflows, most likely Table of Contents area

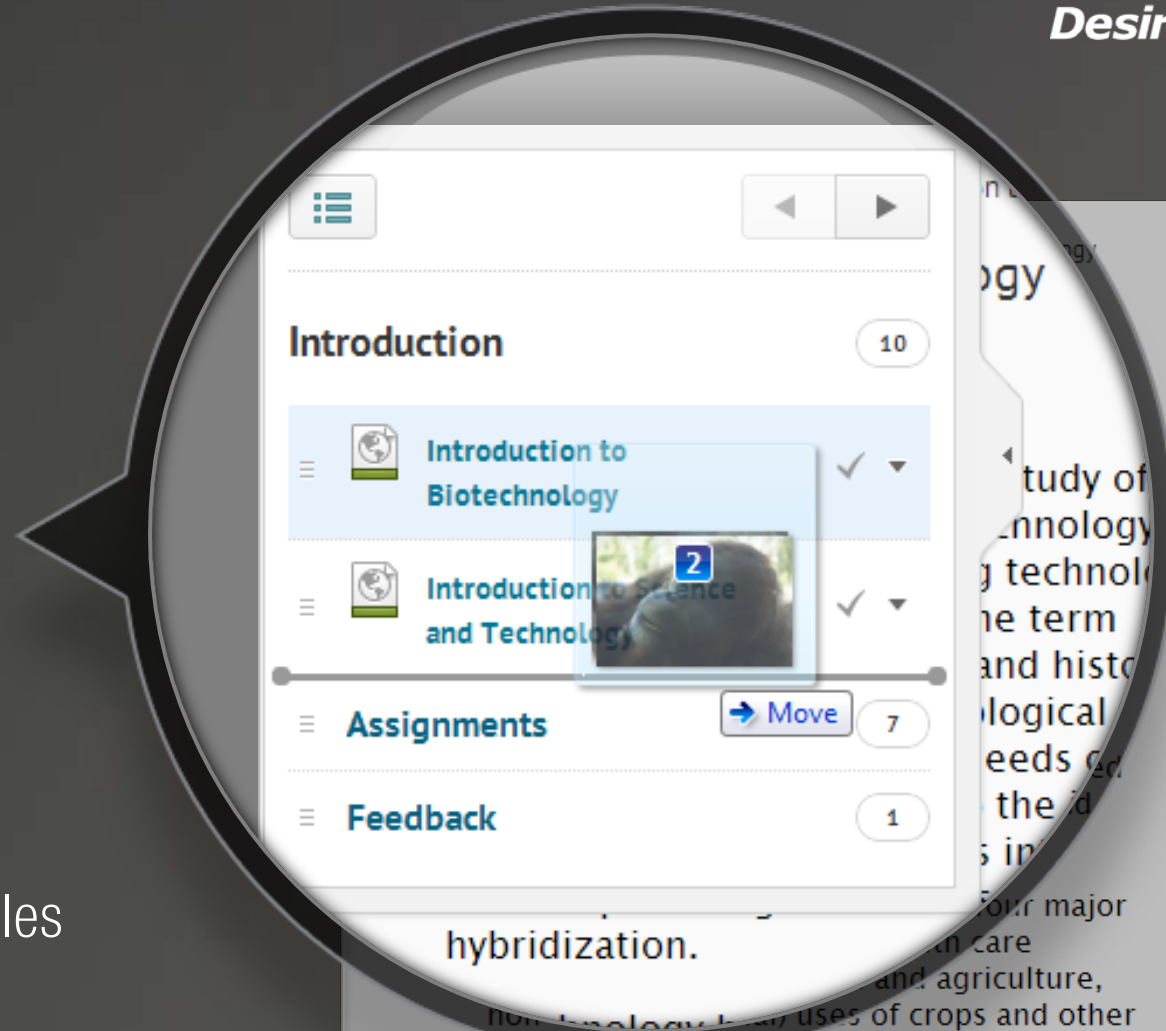


Drag and Drop Improvements

Clear indication of drop target areas

Improved interactions when reordering modules

Smoother experience when dragging and dropping a lot of topics and modules



hybridization.

Four major uses of crops and other products (e.g., biodegradable plastics, vegetable oil, biofuels), and environmental uses.

One application of biotechnology is the use of organisms for the manufacture of products. Another example is using naturally present bacteria by the method of bioleaching. Genetic engineers have studied DNA and made headway in its manipulation, for example, Scotland's success with Dolly, the first cloned



Epic 3

Complete key tasks





Epic 3

Pam is satisfied with the system after completing her key tasks

She can discover and create any activity that she wants

She can define activities as assignments

She has granular access control for all learning activities



Epic 3

Pam is satisfied with the system after completing her key tasks

Support the creation of any learning material or activity within Content – **CORE**

Allow instructors to easily define course assignments/tasks – **CORE**

Allow instructors to copy frequently used Dropbox and Quiz properties - **ASMT**

Provide meaningful entry points into assessment interfaces – **CORE/ASMT**

Simplify management of group discussions – **C&C**

Improve workflow for creating and managing group spaces – **C&C**

Improve workflow for group learning activities – **FOUNDATIONS, C&C, CORE**

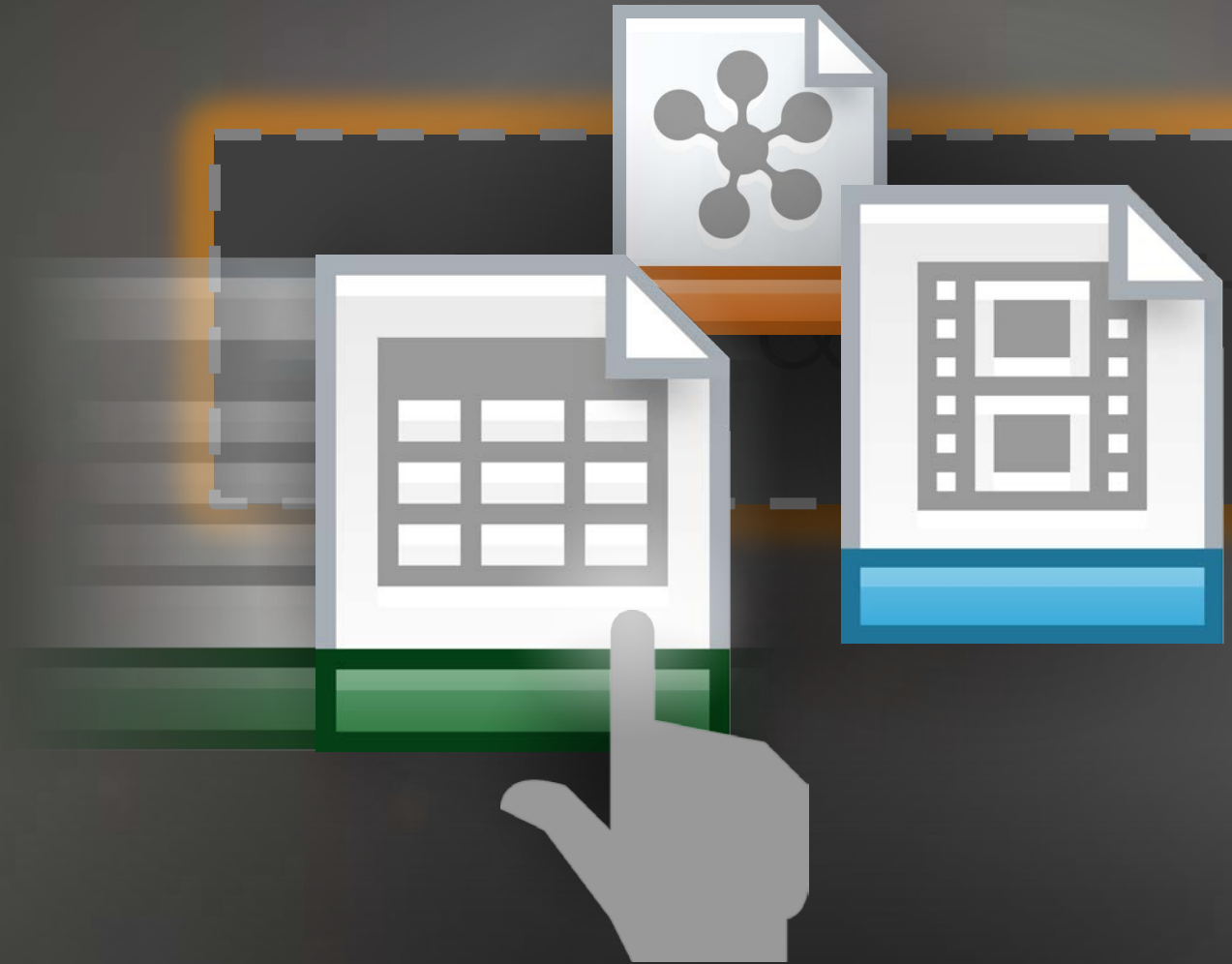
Improve workflow for managing restrictions and release conditions – **CORE**

Create any learning activity within Content

Incorporate activity types

Course builder activity management

Attractive templates for HTML documents

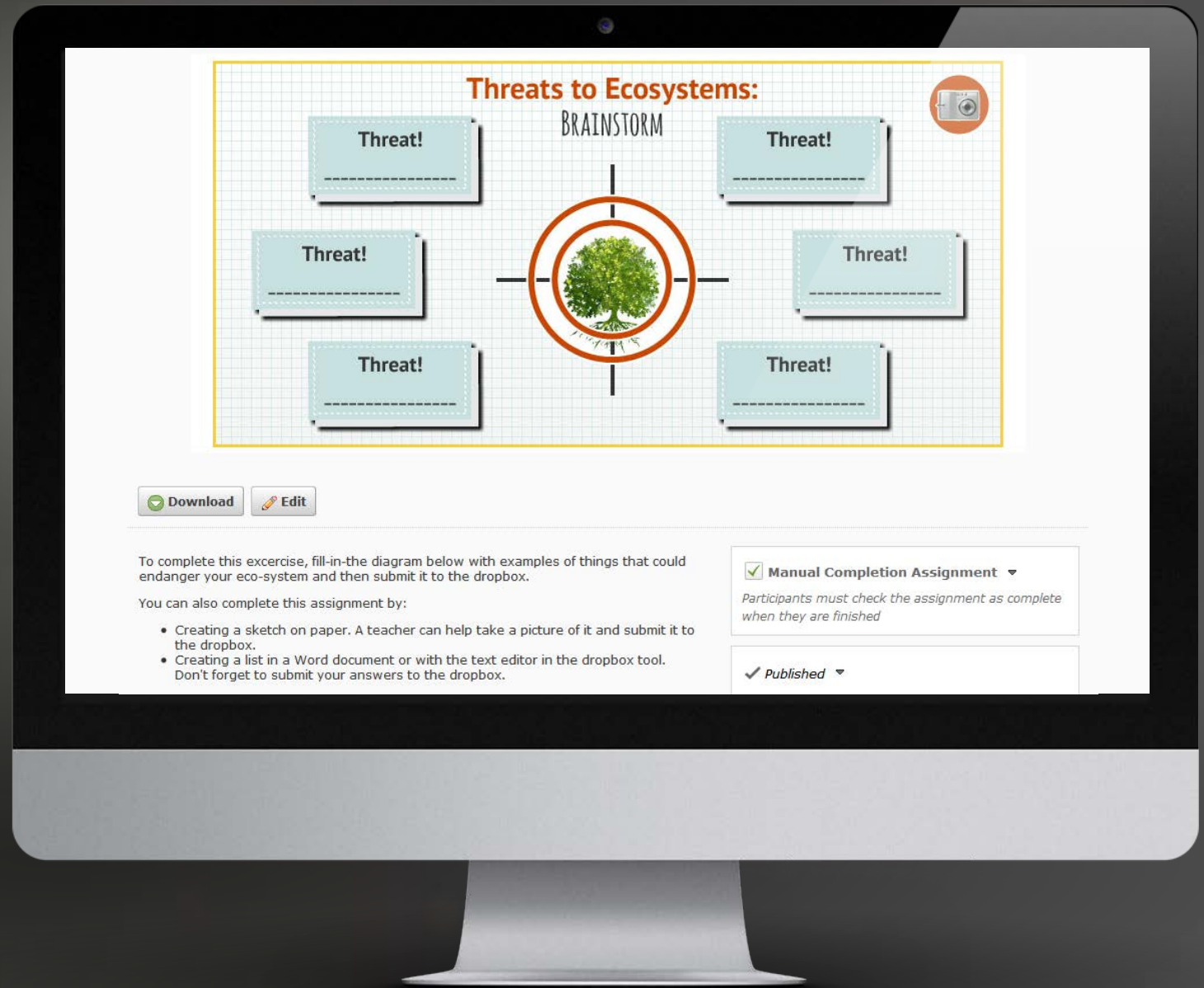


Easily define assignments

Define activities as assignments

Sequencing and release conditions

Separate content from completion tracking



Threats to Ecosystems: BRAINSTORM

Threat!

Threat!

Threat!

Threat!

Threat!

Threat!

[Download](#) [Edit](#)

To complete this exercise, fill-in-the diagram below with examples of things that could endanger your eco-system and then submit it to the dropbox.

You can also complete this assignment by:

- Creating a sketch on paper. A teacher can help take a picture of it and submit it to the dropbox.
- Creating a list in a Word document or with the text editor in the dropbox tool. Don't forget to submit your answers to the dropbox.

☒ **Manual Completion Assignment** ▼

Participants must check the assignment as complete when they are finished

✓ **Published** ▼

Copy frequent Quiz and Dropbox properties



- Duplicate quizzes and dropbox folders
- Support copying of associated objectives
- Copy special access configuration
- Update Content plugins

Assessment workflow from activities

Emphasize hub organization

Show important assessment info

Create natural workflows

Support assessment of any content topic





Group discussions

Simplify the creation of group discussions

Tie group discussions to a single assessment

View a consolidated discussion topic



Creating group collaboration spaces

Improve group collaboration spaces

Allow ad-hoc student managed spaces



Restrictions

✓ Published

>

Availability

☐ Everyone

Due Date

03/05/2013

Start Date

03/05/2013

End Date

03/05/2013

[Advanced dates management](#)

Release conditions

+ Add Release Conditions

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Add group availability

Add individual availability

Restrictions and release conditions

Create consistent availability/restriction options across content types

Quickly scan and adjust restrictions

Simplify creation of key release conditions



INTRODUCTION

? How do I use this template?

This template suite contains a number of basic page templates to allow you to design and develop your online course. This template is intended for use within the Desire2Learn Learning Environment, and is optimized for use with version 10.1. You can edit the content of these template pages in your course using the online HTML editor.

This page can be used as an introduction to your course, an introduction to an instructor, or an introduction to new material. You can add an image as a visual aid to the right of the page, or use the classes "floatleft" or "center" to add other visuals.



This page might be used to outline upcoming material or deadlines; for this you can use the ordered or unordered lists.

Unordered lists generally include:

- Steps to be taken in order
- Items that need to be enumerated

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Ordered lists generally include:

1. Points that are not order-specific
2. Items that do not need to be enumerated

You might also like to use tables to present tabular data, as in the table below.

Name	Link to File	Suggested Users
Introduction	introduction.html	Use this page as an introduction to a course or material.
Syllabus	syllabus.html	Use this page to offer your syllabus online.
Instructions	instructions.html	Use this page for activity, project or assignment instructions.
Multimedia	multimedia.html	Use this page to display multimedia content such as video, audio, or interactive activities.

Authoring Documents and Activities

Streamline new document/activity creation

Provide attractive document defaults

Improve Quicklink workflows



Epic 4 Engaging students



Epic 4

Pam is confident the course materials she creates will engage students

She is confident that important dates and calls-to-action are communicated to students

She is confident that students will understand and engage with her materials

She is confident that students have sufficient opportunity to collaborate and communicate



Epic 4

Pam is confident the course materials she creates will engage students

Inline commenting on any content topic – C&C

Assignments List – CORE

Integrated eP activities – EP

Third-party content activities (Media wiki, online rooms) – I&E, CORE

Improved visibility into group enrollments – C&C, FOUNDATIONS

Profile card and user profile improvements – UXP

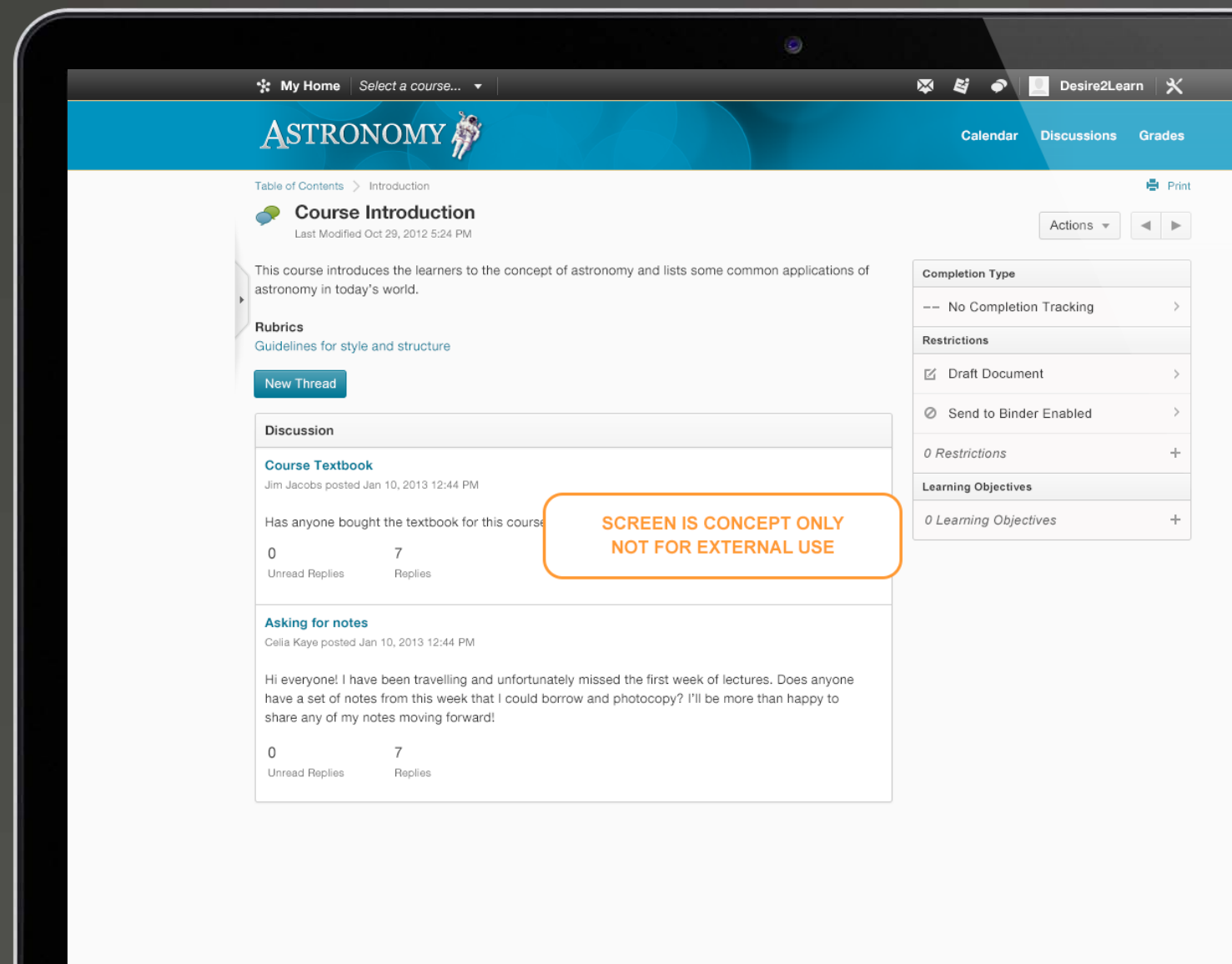
Notifications, alerts, activity improvements – C&C, UXP

Inline commenting on content topics

Inline discussions on every topic

Encourages student collaboration

Subscribe to topic discussions



The screenshot shows the Desire2Learn interface for an 'ASTRONOMY' course. The top navigation bar includes 'My Home', 'Select a course...', and 'Desire2Learn'. The course title 'ASTRONOMY' is prominently displayed. Below the title, there are links for 'Calendar', 'Discussions', and 'Grades'. The main content area is titled 'Course Introduction' and includes a 'New Thread' button. A 'Discussion' section is visible, featuring two posts: 'Course Textbook' and 'Asking for notes'. Each post shows the number of unread replies and total replies. A red box highlights the text 'SCREEN IS CONCEPT ONLY NOT FOR EXTERNAL USE'.

Course Introduction
Last Modified Oct 29, 2012 5:24 PM

This course introduces the learners to the concept of astronomy and lists some common applications of astronomy in today's world.

Rubrics
Guidelines for style and structure

[New Thread](#)

Discussion

Course Textbook
Jim Jacobs posted Jan 10, 2013 12:44 PM

Has anyone bought the textbook for this course?

0 Unread Replies 7 Replies

Asking for notes
Celia Kaye posted Jan 10, 2013 12:44 PM

Hi everyone! I have been travelling and unfortunately missed the first week of lectures. Does anyone have a set of notes from this week that I could borrow and photocopy? I'll be more than happy to share any of my notes moving forward!

0 Unread Replies 7 Replies

Completion Type
-- No Completion Tracking >

Restrictions
☒ Draft Document >
☒ Send to Binder Enabled >
 0 Restrictions +

Learning Objectives
 0 Learning Objectives +

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Getting Started You're 25% complete

- Overview
- Classlist
- Announcements

- Table of Contents 16
- Assignments 5
- Bookmarks 27

Assignments

Courses Activity Assignments

Today

- Week 1 > Required Readings
Introductions ✓
- Week 1 > Required Readings
Lecture One ✓
- Week 1 > Required Readings
Lecture One ✓

Tomorrow

- Week 1 > Required Readings
Graphic Design Overview ✓
- Week 1 > Required Readings
Colour Palettes ✓
- Week 1 > Required Readings
For ✓

Thursda

- Week 1 > Required Readings
Graphic Design Overview ✓
- Week 1 > Required Readings
Colour Palettes ✓
- Week 1 > Required Readings
Fonts and Colours ✓

Progress

10% - completed 3 out of 30 topics

Recent Feedback

- Week 1 > Required Readings
Understanding CSS
- Week 1 > Required Readings
Understanding CSS
- Week 1 > Required Readings
Understanding CSS

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Assignments List

Centralized assignment display

Prioritized by date

Managed within Content



ePortfolio Integrations

ePortfolio activities integrated with Content

Browse ePortfolio items and bring them into a course

Focus on forms, presentations, and reflective learning



Third-party activities

Integrate lesson-focused third party tools within Content workflows

Examples: Wiki, Adobe Connect

Adobe® Connect®






Visibility of group enrollments

Improve visibility of group enrollments to help strengthen student connections

Encourage ad-hoc collaboration between group members






Profile card and user profile improvement



Hank Moody ●

Instructor

This course is inspirational, rewarding and takes a vision of the future and makes it real. Let's get started...

[Go to Profile](#)
[Send Email](#)

Engage and collaborate with profile cards

Encourage social network connections

Promote PLE with user profiles



- Overview
- Classlist
- Announcements
- Assignments List

- Table of Contents 16
- Chat
- Checklist
- Discussions
- Dropbox
- External Learning Tools
- Quizzes
- Surveys

Announcements

Create an Announcement

	Title	Start	End
<input type="checkbox"/>	News One	Jan 30, 2013	Jan 30, 2013
<input type="checkbox"/>	Global Test News Item One	Jan 30, 2013	Jan 30, 2013
<input type="checkbox"/>	Lpd tablet test	Jan 29, 2013	Jan 29, 2013
<input type="checkbox"/>	ledTest2	Jan 28, 2013	Jan 28, 2013
<input type="checkbox"/>	...	Jan 27, 2013	Jan 27, 2013
<input type="checkbox"/>	Caffe latte vs. latte macchiato	Jan 26, 2013	Jan 26, 2013
<input type="checkbox"/>	Google eyeglasses can surf internet	Jan 24, 2013	Jan 24, 2013
<input type="checkbox"/>	Royal Canadian Mint unveils digital currency te...	Jan 22, 2013	Jan 22, 2013
<input type="checkbox"/>	Alleged cougar spotted in southern Ontario	Jan 21, 2013	Jan 21, 2013
<input type="checkbox"/>	Toronto motorists line up for 50-cent gas	Jan 21, 2013	Jan 21, 2013
<input type="checkbox"/>	RIM shares rise after Jim Balsillie quits	Jan 20, 2013	Jan 20, 2013

Page 1 of 12

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Notifications, alerts, activity updates

Support alert roll-ups and history

Notification history filtered by type

Entry points into notifications
management

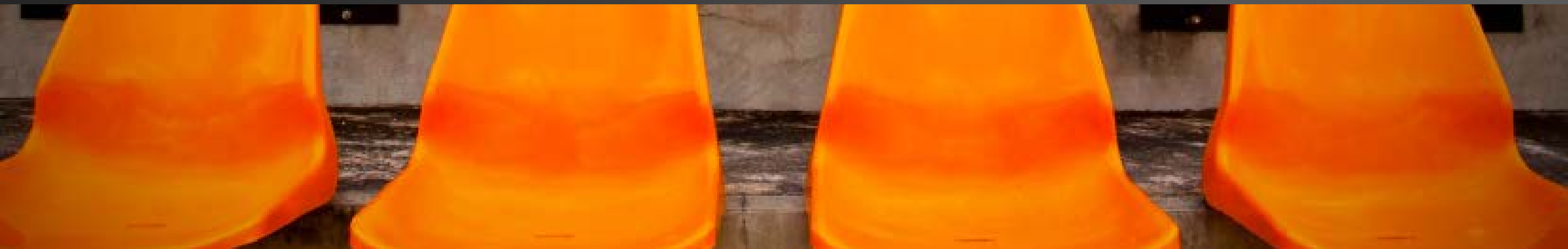
Build out available notifications
(content, calendar)

Incorporate activity information
into workflows



Epic 5

Student-view expectations





Epic 5

Pam is confident that the course will look and behave as she expects when viewed by her students

She can easily explore the system as a student sees it

She does actively think about the permissions or functionality students have access to because the defaults make sense



Epic 5

Pam is confident that the course will look and behave as she expects when viewed by her students

More discoverable role switch feature – UXP

Default role improvements – FOUNDATIONS

Role Switch and Impersonation

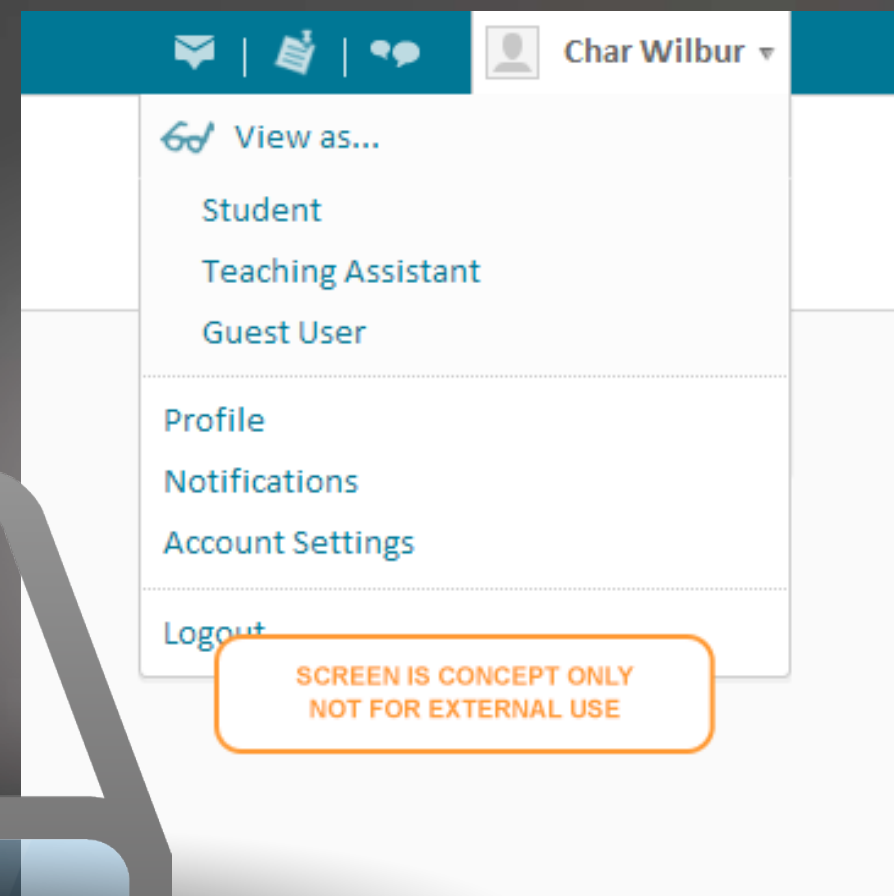
Role switch from any page

Visual reminder of role switch state

Fix bugs to foster trust

Long-term

Support view-only role switch and impersonation (should not affect statistics)



Default roles

Review and update default roles

Encourage documentation/help to be written against defaults

Investigate additional features

Edit Role Permissions - EE Student ▾

Based on default role [Participant](#)

Filter by Role

EE Student ▾

Filter by Tool

Content ▾

Content	Organization	Course Template	Course Offering	Group
View Course Content	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Search Content	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Add/View Bookmarks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Compile and Print Content	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Compile and Download Content	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Submit Feedback on Content Topics	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
View Content that is Not Released	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
See Content Feedback	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delete Feedback	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Create and Edit Content	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Attach/Remove Release Conditions on Content	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delete Modules and Topics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edit the Content Display Settings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
See Content Statistics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Save and Close

Save

Cancel



Epic 6

System excitement





Epic 6

Pam is excited to use the system

Full graphic design review and overhaul

Icon packs and theming

Ongoing usability reviews



Epic 6

Is excited to use the system

Incremental graphic design improvements – UXP

UXP theming work – UXP

Validate and document measurable
improvements in ease of use/usability – UXP



Graphic Design

Immediate, visceral connection

Continuous, aesthetic improvements

Update icons

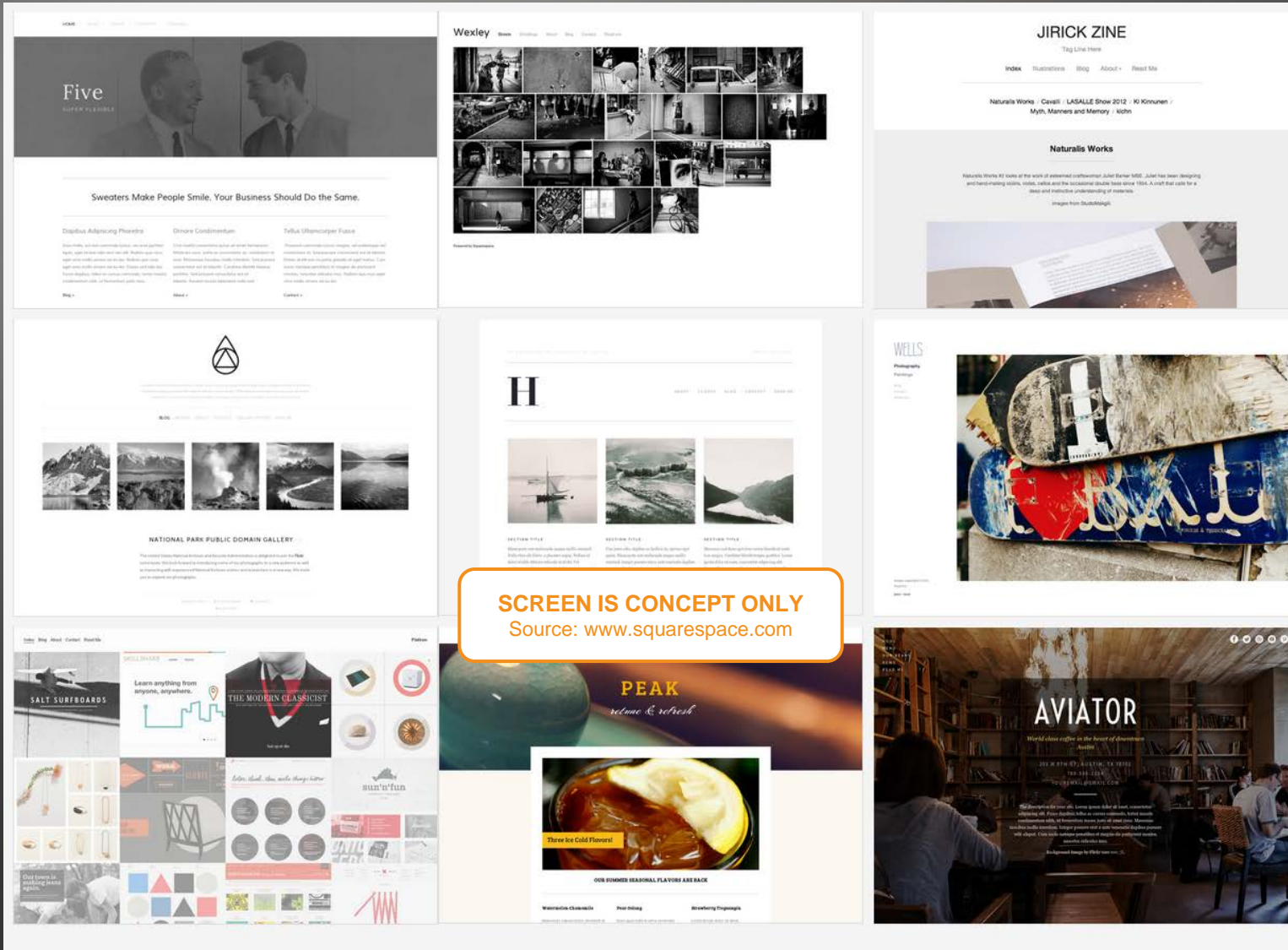


Theming options

Common management area

Simple theme picker

Improved “preview”



Client Engagement

Usability test planning

10.2 baseline usability study

Key client contact through development

Validate improvements



Prioritized project work

CORE	EP	C&C	ASMT	UXP	Foundations
Course dashboard	Integrate ePortfolio activities into Content	Inline commenting on any content topic	Copy dropbox and quiz properties	User research	Role switch
Getting Started		Social activity feed	Assessment workflows from dashboard	Role switch	CMC improvements
Copy/import tool		Group discussions	Rubrics integration	Graphic design	Default roles
Authoring workflows		Group spaces		Navigation defaults	
Content and calendar notifications		Group learning activities		Notifications/alerts	
Defining assignments				Getting Started	
Assignments list				Drag-and-drop	
My courses widget				Edit-in-place	
Dates management				Org-unit name display	
Availability/release conditions management				Dismissible help	
Third-party activity support				Theming	
				Profile card updates	

Thank you

Appendix
