



Jens Peter Hansen
Koncern Digital

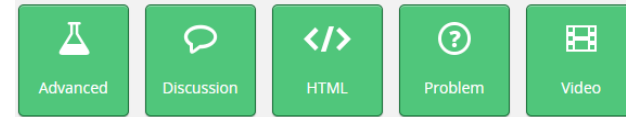
OPEN EDX OVERBLIK

OPEN EDX OVERVIEW

Open edX: Your own learning management platform

- Create multimedia course content
 - Allow learners to take advanced course content
 - Monitor learner progress
-
- Leverage a full-suite learning framework including online course material (text, video, interactive), advanced assessments, discussions, wikis, metrics and more
-
- Customize edX for your needs depending on your specific use-case

FEATURE OVERVIEW



1. Registration and Login management

- Learners, Instructors, Staff, Admins

2. Rich Courseware

- Content Creation
- Learner Experience
 - Core course material
 - Assessments
 - Discussion boards
 - Wiki pages
 - Certification

3. Learning Analytics

- Enrollment stats
- Performance breakdown
- Grading

A composite screenshot of a course management system interface. At the top, a navigation bar includes 'Course Info', 'Textbook', 'Discussion', 'Wiki', and 'Progress'. Below this is a sidebar with a 'Week 1' section containing 'Introduction to Computation' (Lecture Sequence), 'Core Elements of Programs' (Lecture Sequence), and 'Problem Set 1' (Problem Set). The main content area features a video lecture titled 'TYPES OF KNOWLEDGE' by Eric Grimson, with a transcript on the right. Below the video is a quiz question: 'CUSTOM PYTHON-EVALUATED INPUT (2/4 points)'. The question has two parts: 'Part 1: Enter two integers that sum to 10.' and 'Part 2: Enter two integers th...'. The first part shows two input boxes: one with '6' (marked incorrect) and one with '9' (marked incorrect), with the correct answer being '3'. The second part shows two input boxes: one with '15' (marked correct) and one with '5' (marked correct). Below the quiz is a bar chart showing performance breakdown for 'Ex 01', 'Ex 02', 'Ex 03', 'Ex Avg', 'Quiz', and 'Total'. The 'Total' bar is labeled '31%'. On the right side, there is a 'All Discussions' panel with a search bar and a list of discussion topics: 'Official - General Course Questions' (87), 'What is the Case Method?' (44), 'Modes of Learning: Reflect & Discuss' (144), 'Introduce Yourself - Part 2' (538), and 'Official Technical Help' (87). Each topic has 'Pinned' and 'By: Staff' buttons.

1. Signup/Registration

Different user types with different roles are supported on the edX default platform.

- Course Student (Student)
- Course Staff (Admin)
- Instructors (Admin)
- Beta Testers (Admin)
- Discussion Admins (Admin)
- Discussion Moderators (Admin)
- Discussion Community TAs (Admin)

2. Content Management

edX Content Management Studio
Central authoring tool with advanced course content creation and management features

3. Reporting and Analytics

- User Info
- Level of Education
- Overall Grade Distribution
- Instructor dashboard
- Student Gradebook
- Student Profile information
- Lesson Grade Distribution
- User progress page (access from instructor dashboard)
- Site Tracking
- Session Data
- Google analytics
- Pageviews
- Region/Location
- Video Tracking
- Region
- Total video clicks

4. Courseware

Support and annotations to existing text
Discussion Board
Content types:

- HTML
- Text
- Announcement
- Full Screen Image
- Iframe
- Raw HTML
- Zooming Image

5. Problems basic

- Blank Common Problem
- Checkboxes
- Dropdown
- Multiple Choice
- Text Input

6. Problem advanced

- Blank advanced problem
- Circuit Schematic Builder
- Custom JS Display and Grading
- Custom Python Evaluated Input
- Drag and Drop
- Image Mapped Input
- Math Expression Input
- Molecular Structure
- Peer Assessment
- Video player support

7. Open Source xBlocks

- Mentoring
- Image explore
- Simulation
- Polls & Surveys
- Google Docs

8. Misc. Features Requiring Customization

- Branding
- Theming
- Custom Homepage
- SEO
- Teaching and Learning Tools
- Course UI Customization
- Course Certification
- Custom exercises (xblocks)
- Integration
- External LMS Integration
- SSO (Single SignOn)
- LTI

9. Mobile (Needs customization)

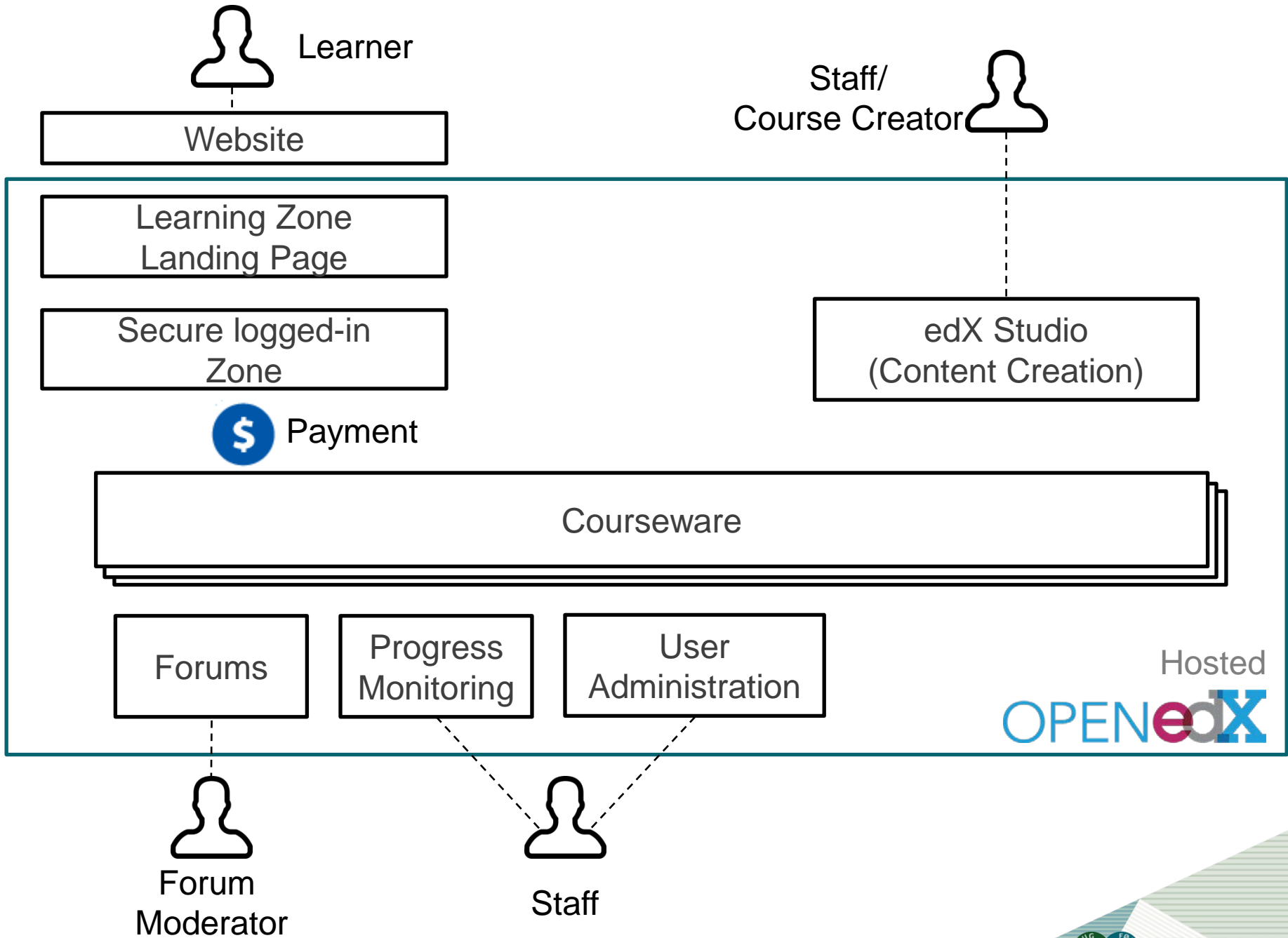
- Native Mobile App
- Responsive UI
- Mobile ata and Analytics
- Mobil Insights (edX Reporting Dashboard)
- Advanced Reporting Dashboard

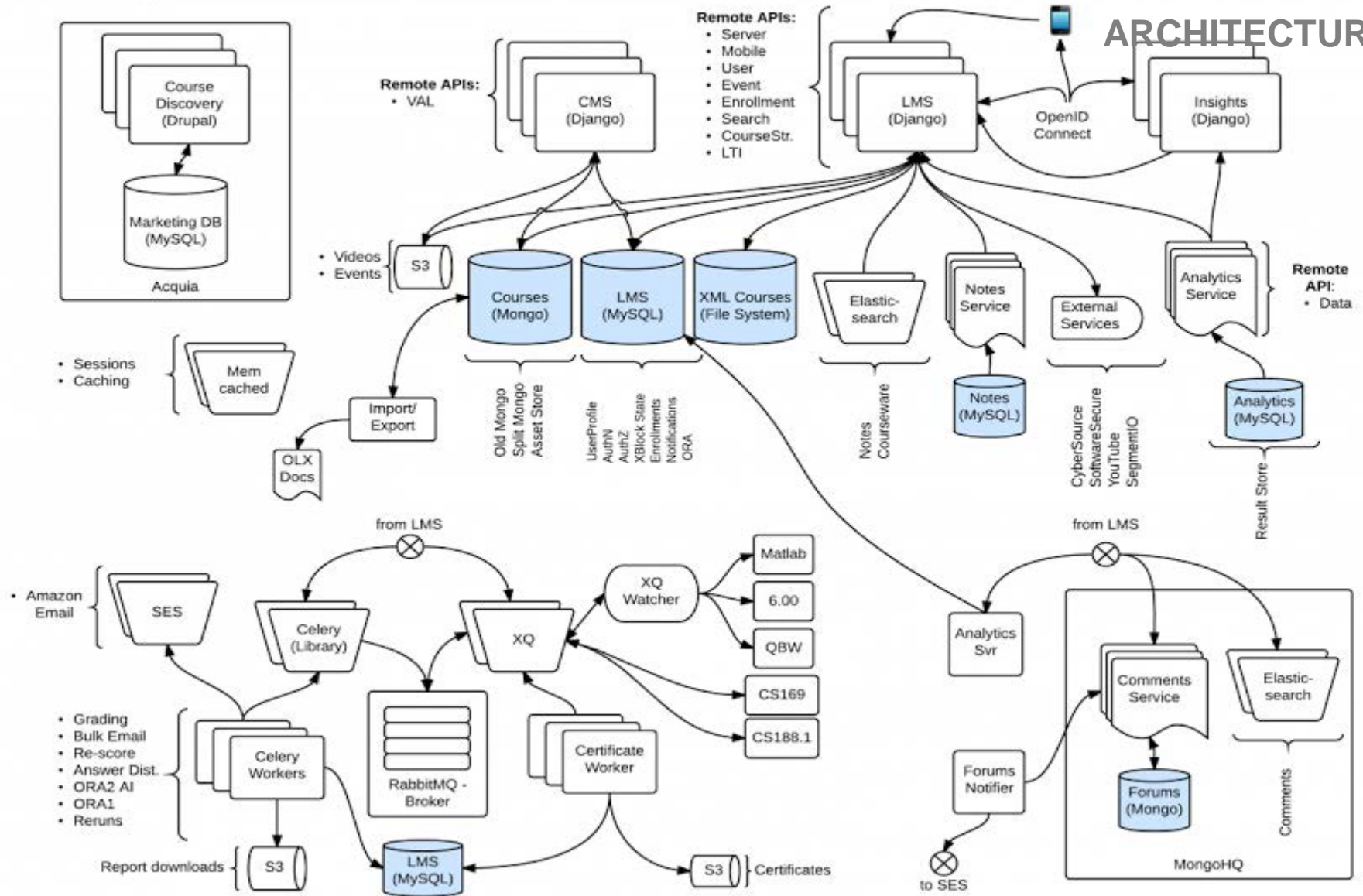
10. Social

- User Profiles
- Social Integration (Linkedin/fb/twitter)
- Badging
- Course User Map
- Extending Platform - CMS System
- Custom metadata Integration with LMS
- Custom User Registration

11. E-commerce

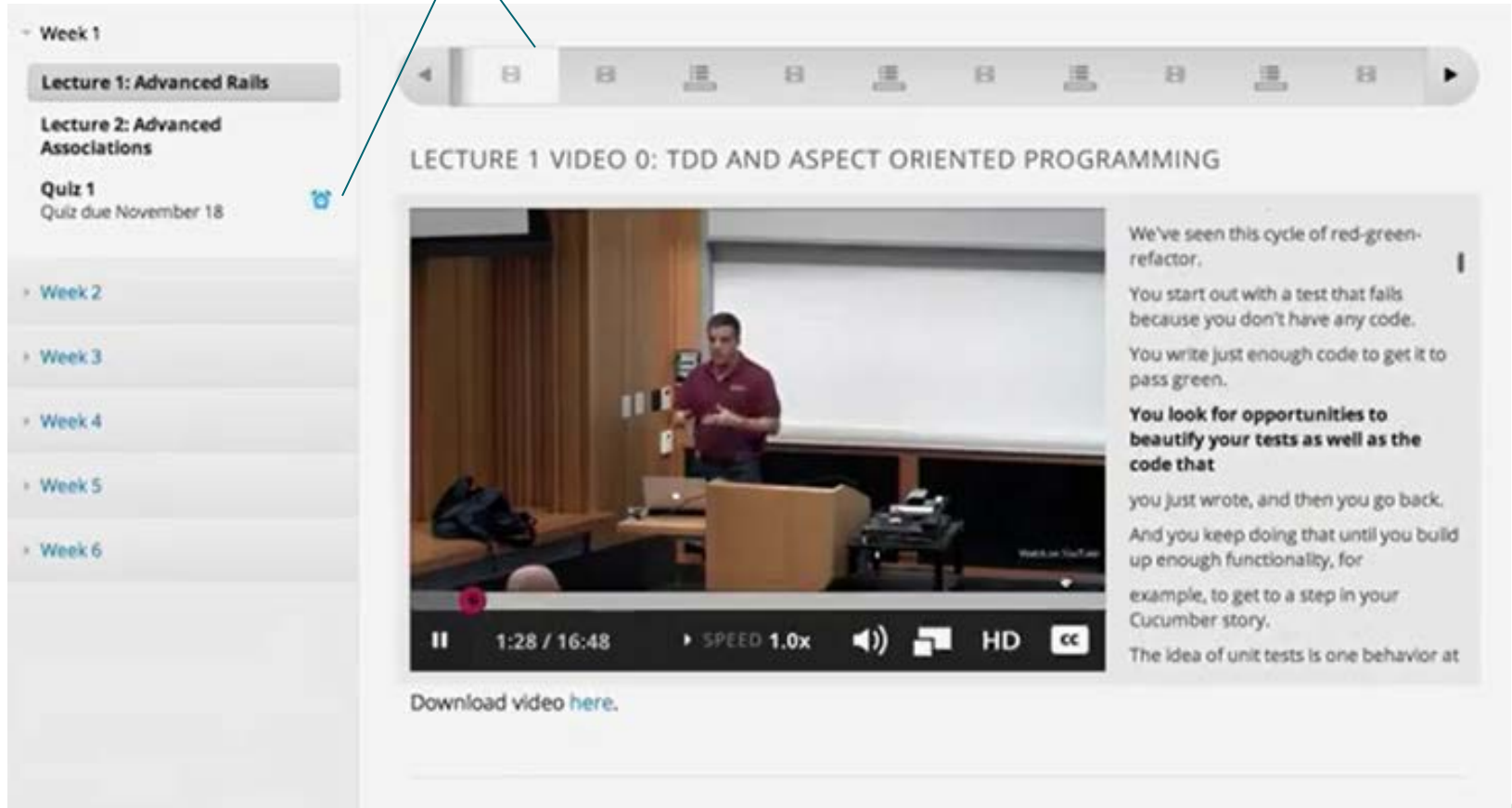
- Paid Course
- Paid Certificate Course
- Video
- Third Party Video Integration





LEARNING EXPERIENCE

Progress oriented, keep track of where you are navigation and workflow



The screenshot displays a learning management system interface. On the left is a sidebar with a navigation menu for 'Week 1' through 'Week 6'. Under 'Week 1', the following items are listed: 'Lecture 1: Advanced Rails' (highlighted), 'Lecture 2: Advanced Associations', and 'Quiz 1' (due November 18). A blue arrow points from the 'Lecture 1: Advanced Rails' item to the video player. The main content area features a video player titled 'LECTURE 1 VIDEO 0: TDD AND ASPECT ORIENTED PROGRAMMING'. The video player shows a man in a red shirt presenting in a lecture hall. The video progress bar indicates 1:28 / 16:48, with playback controls for speed (1.0x), volume, HD, and closed captions. To the right of the video player is a text overlay with the following content:

We've seen this cycle of red-green-refactor.

You start out with a test that fails because you don't have any code.

You write just enough code to get it to pass green.

You look for opportunities to beautify your tests as well as the code that

you just wrote, and then you go back.

And you keep doing that until you build up enough functionality, for example, to get to a step in your Cucumber story.

The idea of unit tests is one behavior at

Download video [here](#).

Video with clickable transcripts



Families_First: FF0001 Families First - Initial Build

amishg2

Courseware Course Info Discussion Progress Resources

Introduction to the course

Welcome, and meet your instructor

The healing is in your hands!

What to expect from this course

Lesson 1: Emotional reactions to divorce

Reflection: Choices in the face of challenges

Assessment



In this video you'll meet **Ann Schelle**, the principal instructor for the course. As Ann explains, the course will help you look at divorce through the eyes of your child or children. Our experience at Families First tells us that when we look at a separation through the eyes of our children we can make better choices that benefit all parties—especially children.

Divorce is not a competition. It is a **call to co-operation**—to build a new partnership with one clear goal, the well-being of your child or children.

In the video, Ann will also provide an overview of the five-lesson structure of the course.

After you've watched the video, click the next section on the left hand side of the page to continue.

There's many opportunities for growth, but those are well hidden. One of the things our class will help you do today is look at the experiences through the eyes of your children. **What we've learned over time is that as parents,** when we take that opportunity to understand how our children are experiencing the changes, we can start to make better choices in our parenting. We want to welcome you to this course today, and ask you to take this as an

Interactive Animations

Families First FF0001 Families First - Initial Build amishg2

Courseware Course Info Discussion Progress Resources

Introduction to the course
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Reflection: Choices in the face of challenges
Assessment

As you click through the sequence below, you'll meet John and Jane: they are facing issues very common to newly separated parents.

As you click through the sequence below, you'll meet John and Jane a recently separated couple. They have two children and are finding it tough as they adapt to their new way of life. They are facing issues very common to newly separated parents. As you click through you may find some issues that you can relate to.

Make sure you go through **both John and Jane's stories**. When you've finished going through the sequences, click the forward arrow to continue.

As you click through the sequence below, you'll meet John and Jane.
They are facing issues very common to recently separated parents.

Read Jane's story →

Read John's story →

Families First FF0001 Families First - Initial Build amishg2

Courseware Course Info Discussion Progress Resources

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Hi, my name is John.
Let me tell you about what I'm going through.

Essays

PERPETUAL edX: DemoX edX Demonstration Course student

Courseware Course Info Discussion Wiki Progress Empty

- Introduction
- Example Week 1: Getting Started
- Example Week 2: Get Interactive
 - Lesson 2 - Let's Get Interactive!
 - Homework - Labs and Demos Homework
 - Homework - Essays**
- Example Week 3: Be Social
- About Exams and Certificates

This assignment has several steps. In the first step, you'll provide a response to the question. The other steps appear below the Your Response field.

Describe your favorite meal, and write a persuasive argument to convince someone to try that meal. Support your position with facts and examples from your experience.

1 | **Your Response** IN PROGRESS

Enter your response to the question. You can save your progress and return to complete your response at any time. **After you submit your response, you cannot edit it.**

YOU MAY CONTINUE TO WORK ON YOUR RESPONSE UNTIL YOU SUBMIT IT.

Save Your Progress THIS RESPONSE HAS NOT BEEN SAVED.

Submit your response and move to the next step

Assessments



Families_First: FF0001 Families First - Initial Build

amishg2

Courseware Course Info Discussion Progress Resources

Introduction to the course

Lesson 1: Emotional reactions to divorce

Introduction to Lesson 1

The five stages of grief

Key things to watch out for

Emerging from grief

Lesson quiz #1: "Native" format Lesson quiz #1

Lesson quiz #2: "X-block" format Lesson quiz #2

Lesson quiz #3: "Review grade" format (no feedback) Lesson quiz #3

Reflection: Choices in the face of challenges

Assessment



On this page, you'll find a series of questions to test your understanding of the content in Lesson 1..

Be sure to scroll down and answer all the questions. They are not graded, but you must attempt every question in order to qualify for your certificate.

LESSON QUIZ: Q1 (1/1 point)

"The stages of grief are experienced in a specific order."

Is the question above True or False?

- True
- False ✓

Check Show Answer

LESSON QUIZ: Q2 (1/1 point)

"The available parent must reassure the child that they did not cause t

Is the statement above True or False?

- True ✓
- False

Check Show Answer



Families_First: FF0001 Families First - Initial Build

amishg2

Courseware Course Info Discussion Progress Resources

Introduction to the course

Lesson 1: Emotional reactions to divorce

Reflection: Choices in the face of challenges

Assessment

Assessment Assessment



QUESTION 06 (1/1 point)

What is one key message children need to hear from parents?

- Divorce is not an issue for children.
- You did not cause the divorce. ✓
- Sometimes people break promises...That's just part of life.
- Lots of things will change.

Check Show Answer



Multimedia with Q&A

TEACHFORINDIA Firki staff

Courseware Course Info Discussion Wiki Progress Instructor

Overview: Design thinking and persistence

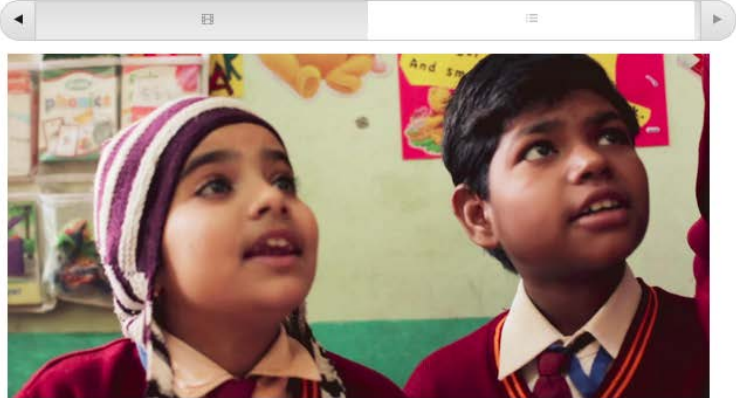
What is Design for Change?

Applying Design for Change

Design for Change in action

Reflection: How will you apply this skill?

Assessment



So what is better this time around?

Enter your answers in the box below. As before, frame your response around the Design for change framework. From what you can see in the video:

- What is Nirali **feeling** and why is this an improvement?
- What is Nirali **imagining** and why is this an improvement?
- How is Nirali implementing her ideas by **doing**?
- How is Nirali **sharing** her practice with her colleagues and peers?

Infographics

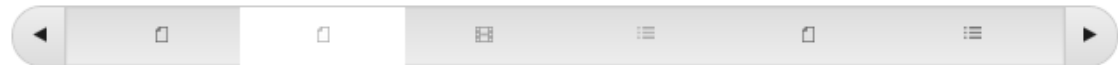
Teachers as Change-Makers

Welcome!

Mindsets for powerful teaching

Feel-Do-Imagine-Share

Subsection



As a teacher, the mindsets you have will have a strong influence on your students. In a classroom where the teacher sees herself/himself as a **leader**, we see a sense of **collective purpose**, a sense of **focus** and **urgency** from both students and teachers. We see students taking ownership of their learning and development. We see teachers driven towards helping every child in the classroom identify and fulfill his or her own potential. This can be illustrated as:



On the next page, we're going to see what this looks like in practice, as we witness the effect a powerful teacher mindset has on students. We're going to visit a classroom in Sangam Vihar, Delhi. In the video we'll meet the teacher, **Nirali Vasisht**, and we'll also hear from a number of her students.

Click forward to visit Nirali's classroom, and hear from her students.



Interactive Graphics - Tutorials

PERPETUAL | Firki: TFI00012 Teachers as Change-Makers student

Courseware | Course Info | Discussion | Wiki | Progress

Teachers as Change-Makers

Welcome!

Mindsets for powerful teaching

Feel-Do-Imagine-Share Subsection

Effective teachers build three key mindsets:

1. **Being human centered**
2. **Being optimistic**
3. **Being collaborative**

The diagram below illustrates the overlap between these three mindsets. Click the crosses next to each circle for more detail.

When you've finished reading click the forward arrow to hear more from Nirali on how she puts these mindsets into practice.

Human centered

Optimistic

Being collaborative

As a teacher, you believe that every person can contribute meaningfully towards any situation and we must work together to tackle challenges and find solutions.

Discussions

All Discussions ▾ Search all posts 🔍

Show all ▾ by recent activity ▾

- ? Why is this a question? 1
- This is a test discussion** 1

This post is visible to everyone.

This is a test discussion

0 Votes +



discussion posted 3 months ago by [staff](#)

this is a test

(this post is about [Basic Question Types / Selection from Options](#))

0 responses

Post a response:

B *I* | 🌐 “ 001 010 | 📄 📄 📄 📄 | ↶ ↷

Any ideas on why this course is so engaging?

PREVIEW

Any ideas on why this course is so engaging?

Submit

Wiki

New article 'My new wiki article' created. ×

My new wiki article

- [View](#)
- [Edit](#)
- [Changes](#)

LAST MODIFIED:
May 28, 2015, 11:09 p.m.

[See all children](#)

GOOGLE HANGOUTS

Introduction

Example Week 1: Getting Started

Example Week 2: Get Interactive

Example Week 3: Be Social

Lesson 3 - Be Social

Homework - Find Your Study Buddy

More Ways to Connect

About Exams and Certificates

It is also possible to hang out with your classmates using Google Hangouts. See who's in there now, or arrange to meet people at specific times.

Instant Hangout

Start the Hangout

Be the first to join this discussion!

Google+

https://accounts.google.com/ServiceLogin?serv

Google

One account. All of Google.

Mark Hoerber
hoeber@edx.org

Password

Sign In

Need help?

Courseware Course Info Discussion Wiki Progress **Instant Hangout**

Join the Instant Hangout by clicking the icon below. You can use the hangout to have live video discussions with other students.

Instant Hangout

Join the Hangout

1 person discussing live

Google

Group chat

To list all available commands enter "/?".

remote.st 9:13 AM

CUSTOM CONTENT COHORTING

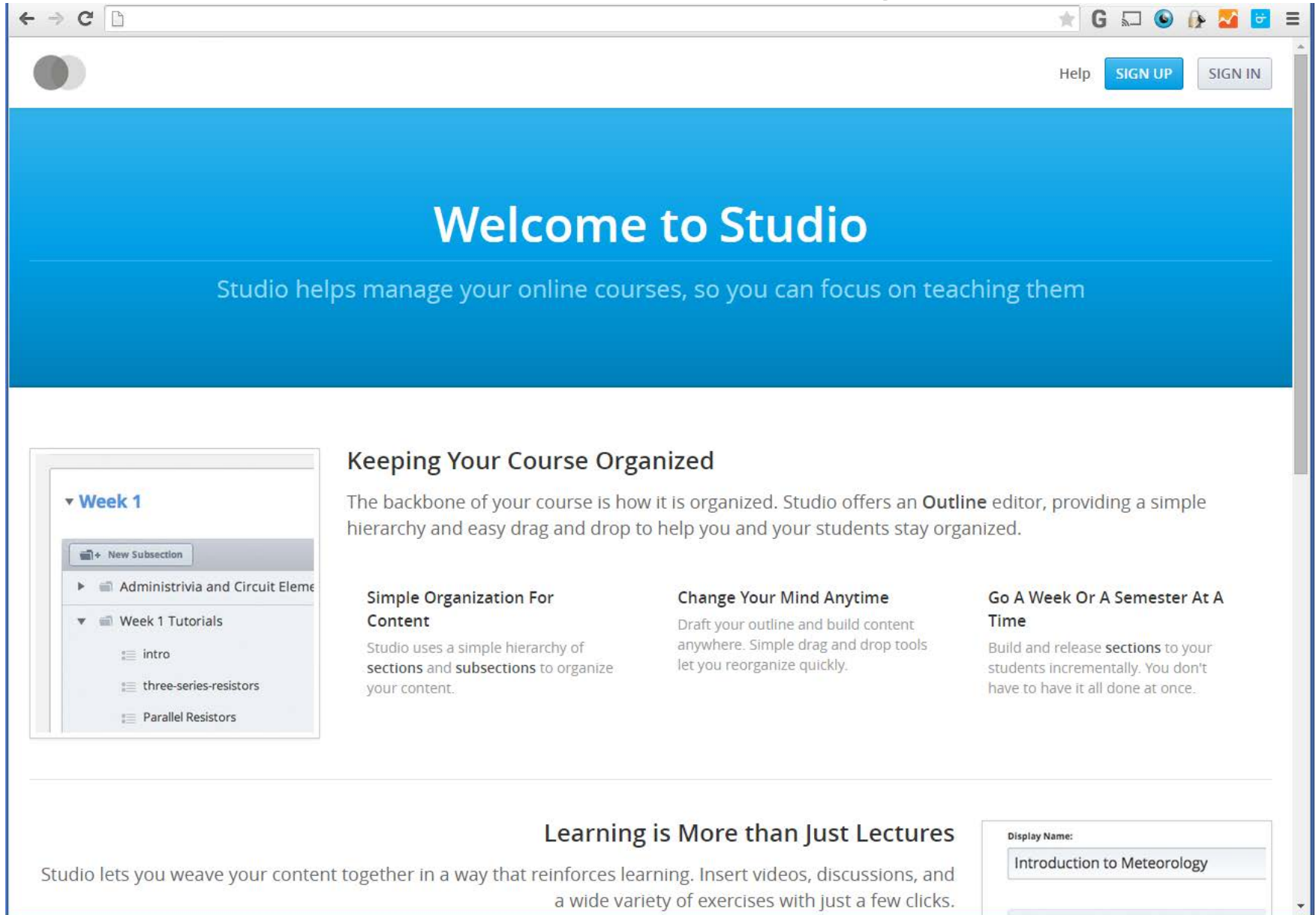
- Ability to organize content based on cohorts

Cohort specific:

- Discussions
- Interactive Exercises/Quizzes
- All courseware

CONTENT CREATION

edX Studio Authoring Tool



← → ↻ 📄

★ G 🌐 📧 📅 📁 ☰

Help SIGN UP SIGN IN

Welcome to Studio

Studio helps manage your online courses, so you can focus on teaching them

Keeping Your Course Organized

The backbone of your course is how it is organized. Studio offers an **Outline** editor, providing a simple hierarchy and easy drag and drop to help you and your students stay organized.

▼ Week 1

📁 New Subsection

▶ 📁 Administrivia and Circuit Elements

▼ 📁 Week 1 Tutorials

- ☰ intro
- ☰ three-series-resistors
- ☰ Parallel Resistors

Simple Organization For Content

Studio uses a simple hierarchy of **sections** and **subsections** to organize your content.

Change Your Mind Anytime

Draft your outline and build content anywhere. Simple drag and drop tools let you reorganize quickly.

Go A Week Or A Semester At A Time

Build and release **sections** to your students incrementally. You don't have to have it all done at once.

Learning is More than Just Lectures

Studio lets you weave your content together in a way that reinforces learning. Insert videos, discussions, and a wide variety of exercises with just a few clicks.

Display Name:

+ New Section

▼ Overview

Will Release: 09/05/2012 at 12:00

Edit

+ New Subsection

- ▶ edX Tutorial Lectu
- ▶ Using the Tools
- ▶ Welcome to 6.002x Lectu
- ▶ Circuit Sandbox
- ▶ Lab Intro

▼ Week 1

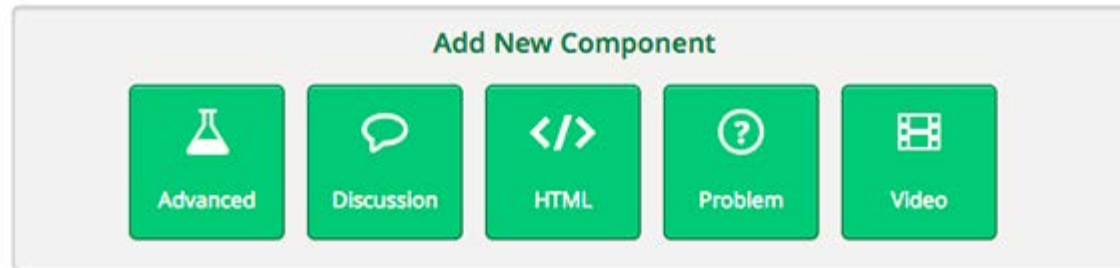
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Edit

+ New Subsection

- ▶ Administrivia and Circuit Elements Lectu
- ▶ Week 1 Tutorials

ABILITY TO EASILY CREATE DIFFERENT CONTENT/ASSESSMENT TYPES



And several other edX Modules
(xBlocks)

GRADING

edX DemoX
edX Demonstration Cou...

Content ▾ Settings ▾ Tools ▾

Help staff ▾

Settings

Grading

Overall Grade Range

Your overall grading scale for student final grades

A horizontal slider bar representing the overall grade range. The bar is divided into two segments: a yellow segment from 0 to 60 labeled 'Fail' and a green segment from 60 to 100 labeled 'Pass'. A plus sign button is on the left, and a scale from 0 to 100 is below the bar.

Grade	Score Range
Fail	0-60
Pass	60-100

Grading Rules & Policies

Deadlines, requirements, and logistics around grading student work

Grace Period on Deadline:

Leeway on due dates

Assignment Types

Categories and labels for any exercises that are gradable

What can I do on this page?

You can use the slider under Overall Grade Range to specify whether your course is pass/fail or graded by letter, and to establish the thresholds for each grade.

You can specify whether your course offers students a grace period for late assignments.

You can also create assignment types, such as homework, labs, quizzes, and exams, and specify how much of a student's grade each assignment type is worth.

Other Course Settings

- [Details & Schedule](#)
- [Course Team](#)
- [Group Configurations](#)

CERTIFICATION

User Profile Page



edX

Course Completed - Mar 12, 2015 at 11:00 UTC

DemoX edX Demonstration Course

Your final grade: **0%**.
Your Certificate is Generating



[Unenroll](#)



edX

Course Completed - Apr 17, 2014

DemoX edX Demonstration Course

Your final grade: **0%**.

[Download Your Certificate \(PDF\)](#)

[Unregister](#)

Certification



LEARNING ANALYTICS

INSTRUCTOR DASHBOARD

Instructor Dashboard

[COURSE INFO](#)

[MEMBERSHIP](#)

[STUDENT ADMIN](#)

[DATA DOWNLOAD](#)

[ANALYTICS](#)

ENROLLMENT INFORMATION

Number of enrollees (instructors, staff members, and students) by track

Verified	1
Audit	1
Honor	5
<hr/>	
Total	7

BASIC COURSE INFORMATION

- Organization: **edX**
- Course Number: **DemoX**
- Course Name: **Demo_Course**
- Course Display Name: **edX Demonstration Course**
- Has the course started? **Yes**
- Has the course ended? **No**
- Grade Cutoffs: **Pass: 0.6**

COURSE PROGRESS



MITx: 6.00x Introduction to Computer Science and Programming

Courseware

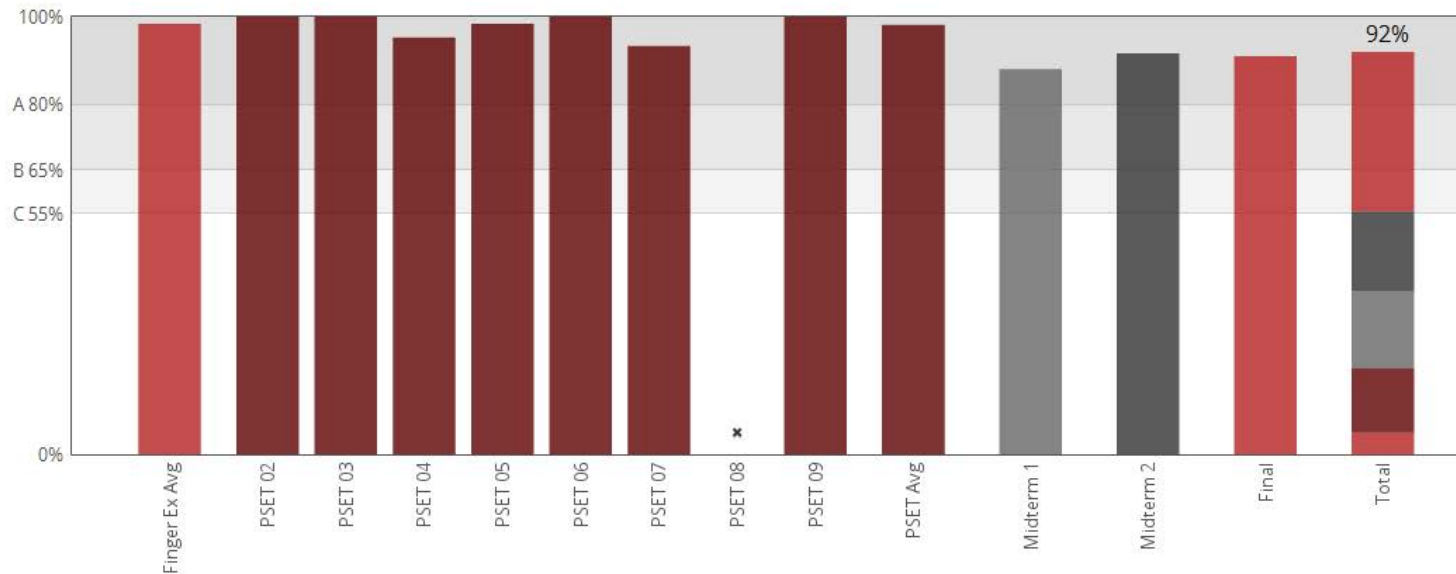
Course Info

Discussion

Wiki

Progress

Course progress for student John Moreno



EDX INSIGHTS

- EdX Insights provides data about student activity, background, and performance throughout the course.
- Using edX Insights can help you monitor how students are doing, and validate the choices you made in designing your course.
 - Course enrollment analytics
 - Student engagement analytics
 - Student performance
 - Several other customizable features from captured data