edX Platform Default Feature Set

edX Birch Release

This document outlines standard features available in the latest Open edX Release

1. Signup/Registration

Different user types with different roles are supported on the edX default platform. These are outlined as follows.

ID	Feature	Description
1.1	Role: Course Student (Student)	Course student can enroll into courses that appear in their dashboard once registered. They have access to Courseware, Course Info, Discussions
1.2	Role: Course Staff (Admin)	Course staff can help you manage limited aspects of your course. Staff can enroll and unenroll students, as well as modify their grades and see all course data. Course staff are not automatically given access to Studio and will not be able to edit your course.
1.3	Role: Instructors (Admin)	Instructors are the core administration of your course. Instructors can add and remove course staff, as well as administer discussion access.
1.4	Role: Beta Testers (Admin)	Beta testers can see course content before the rest of the students. They can make sure that the content works, but have no additional privileges.
1.5	Role: Discussion Admins (Admin)	Discussion admins can edit or delete any post, clear misuse flags, close and re-open threads, endorse responses, and see posts from all cohorts. They CAN

ID	Feature	Description
		add/delete other moderators and their posts are marked as 'staff'.
1.6	Role: Discussion Moderators (Admin)	Discussion moderators can edit or delete any post, clear misuse flags, close and re-open threads, endorse responses, and see posts from all cohorts. They CANNOT add/delete other moderators and their posts are marked as 'staff'.
1.7	Role: Discussion Community TAs (Admin)	Community TA's are members of the community whom you deem particularly helpful on the discussion boards. They can edit or delete any post, clear misuse flags, close and re-open threads, endorse responses, and see posts from all cohorts. Their posts are marked 'Community TA'.

2. Content Management

ID	Feature	Description
2.1	edX Content Management Studio	Central authoring tool with advanced course content creation and management features

3. Courseware

Courseware is accessed via the learning experience as well as via the studio creation experience.

ID	Section	Component type
3.1	Advanced	Support and annotations to existing text
3.2	Discussion	Global Discussion board
3.3	HTML	Text
		Announcement

		Anonymous User ID
		Full Screen Image
		Iframe
		Raw HTML
		Zooming Image
3.4	**Problem basic**	Blank Common Problem
		Checkboxes
		Dropdown
		Multiple Choice
		Text Input
3.5	**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
		Problem with Adaptive Unit
3.6	**Video**	Video player support: native support for youtube
3.7	**Open Source xBlocks**	XBlocks are extensions/plugins enabling features beyond the out-of-the-box experience. These require additional customization.
		Mentoring
		Image explore

		Simulation
		Polls & Surveys
		Office Mix
		Google drive xBlock: Ability to use google spreadsheets as an xblock so users can collaborate.
3.8	**Textbook**	Ability for instructor to create a Textbook for a course where they create Chapters and upload PDF's as a chapter.
3.9	**Custom Content Cohorting**	Ability to cohort groups of users and associate custom content within a course.Could be applied to units in courses and discussion boards.
3.10	**Basic Theming**	Header and Footer: Change Logo Change site font style. Change site font color Homepage (logged out state): Change background asset

4. Reporting and Analytics

ID	Feature	Description
4.1	**User Info**	
4.1.a	Age	Available on instructor dashboard
4.1.b	Gender Distribution	Available on instructor dashboard
4.1.c	Level of Education	Available on instructor dashboard
4.2	**Courseware Data**	
4.2.a	Overall Grade Distribution	Available on instructor dashboard
4.2.b	Student Gradebook	Available on instructor dashboard
4.2.c	Student Profile information	Available on instructor dashboard
4.2.d	Lesson Grade Distribution	Available on user progress page
4.3	**Site Tracking**	
4.3.a	Session Data	Google analytics

4.3.b	Pageviews	Google analytics
4.3.c	Region/Location	Google analytics
4.4	**Video Tracking**	
4.4.a	Region	YouTube
4.4.b	Total video clicks	YouTube

5. Available Features Requiring Customization

ID	
5.1	**Branding**
5.1.a	Advanced theming
5.2.b	Custom Homepage
5.3.c	Advanced SEO
5.2	**Teaching and Learning Tools**
5.2.a	Course UI Customization
5.2.b	Course Certification
5.2.c	Custom exercises (xblocks)
5.3	**Integration**
5.3.a	External LMS Integration
5.3.b	SSO (Single SignOn)
5.3.c	LTI
5.4	**Mobile**
5.4.a	Native Mobile App
5.4.b	Responsive UI
5.5	**Data and Analytics**
5.4.a	Insights (edX Reporting Dashboard)
5.4.b	Advanced Reporting
5.4.c	Advanced Reporting Dashboard

5.6	**Social**	
5.6.a	User Profiles	
5.6.b	Social Integration (Linkedin/fb/twitter)	
5.6.c	Badging	
5.6.d	Course User Map	
5.7	**Extending Platform - CMS System**	
5.7.a	Custom metadata Integration with LMS	
5.7.b	Custom User Registration	
5.8	**E-commerce**	
5.8.a	Paid Course	
5.8.b	Paid Certificate Course	
5.9	**Video**	
5.9.a	Third Party Video Integration	

6. Certification

Open edX Supports certificates upon course completion. Certificates are based on the overall Grade in the class. There are verified certificates, and honor certificates.

Certificate setup and generation requires some platform customizations.

7. edX Roadmap

Open edX is in a constant state of development, and new features are being released every few weeks. This is one of the benefits of an open source platform, where users can incorporate new features developed on the platform and this way remain current in terms of features and technology.

The edX Roadmap is available here:
https://openedx.atlassian.net/wiki/display/PROD/Product+Roadmap