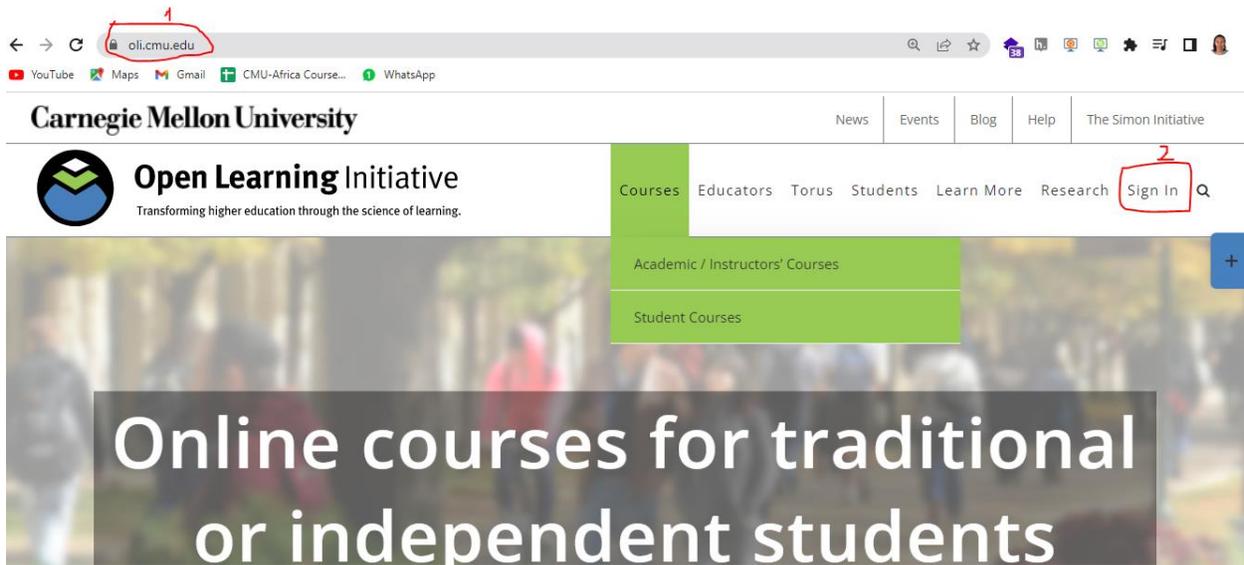
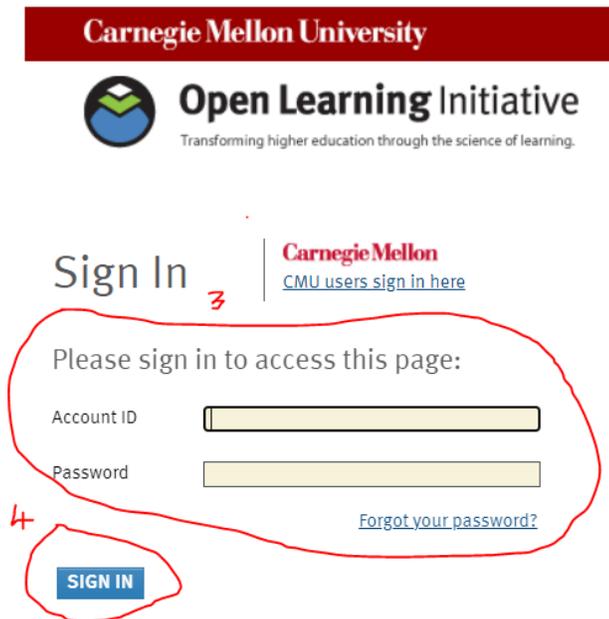


Steps to get access to online courses through Open Learning Initiative (OLI)

1. Browse OLI <https://oli.cmu.edu/> and click login



2. Insert credentials and click sign in



3. Click [Enter Course](#) for the course of your choice



## My Courses

My Academic Courses	What's this?	My Open & Free Courses	What's this?
Register for a course:	<input type="text" value="Enter course key"/> <input type="button" value="GO"/>	<a href="#">Add open &amp; free courses...</a>	
<b>Data-driven Knowledge Tracing for Adaptive Learning</b> Aug 2021 - Apr 2028 Course Key: DKT-001 Instructor: <a href="#">Yadav</a> <a href="#">Manage Course</a> <a href="#">Gradebook</a> <a href="#">Learning Dashboard</a> <a href="#">Enter Course</a> <a href="#">System Check</a>			
<b>Evidence-Based Backward Design</b> Jun 2022 - Jun 2024 Course Key: EBD-001 Instructor: <a href="#">Yadav</a> <a href="#">Manage Course</a> <a href="#">Gradebook</a> <a href="#">Learning Dashboard</a> <a href="#">Enter Course</a> <a href="#">System Check</a>			
<b>Introduction to Learning Engineering</b> Jan 2022 - Jan 2030 Course Key: ITLE-001 Instructor: <a href="#">Yadav</a> <a href="#">Manage Course</a> <a href="#">Gradebook</a> <a href="#">Learning Dashboard</a> <a href="#">Enter Course</a>			

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4. Navigation into the course through module by module, you may even choice a module of your choice

## Syllabus: Evidence-Based Backward Design: Jun 2022 - Jun 2024

Instructor: Gautam Yadav ([gyadav@andrew.cmu.edu](mailto:gyadav@andrew.cmu.edu))

→ Alert: [There are unscored activities.](#)

<b>Syllabus</b>	Roster	Gradebook	Unscored Activities	PDF Download
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Before you begin, [Test and Configure](#) your system for use with this course.

6

Evidence-Based Backward Design	
Assignment	Status
<a href="#">UNIT 1: Welcome to Evidence-Based Backward Design</a>	
<a href="#">Module 1: Determining instructional goals; KLI KCs; Blooms taxonomy</a> <a href="#">(Gradebook)</a> <a href="#">(Learning Dashboard)</a>	
<a href="#">Module 2: Refining Goals and Introduction to Designing Assessments</a> <a href="#">(Gradebook)</a> <a href="#">(Learning Dashboard)</a>	
<a href="#">Module 3: Why data toward goal setting improves design &amp; Contextual Inquiry principles</a> <a href="#">(Gradebook)</a> <a href="#">(Learning Dashboard)</a>	
<a href="#">Module 4: Online assessment design and implementation</a> <a href="#">(Gradebook)</a> <a href="#">(Learning Dashboard)</a>	
<a href="#">Module 5: Course Project or Final Exam</a>	

### 5. Navigation within a module

#### Module 1 | [Determining instructional goals; KLI KCs; Blooms taxonomy](#)

##### Learning Objectives

- Explain backward design and the interrelationships between goals, assessment, and instruction
- Map elements of Bloom's taxonomy to examples
- Categorize knowledge components along four dimensions
- Explain differences between KLI's Knowledge Components, Learning Events, Instructional Events, Assessment Events
- Identify key hypotheses of the KLI framework

Welcome to Evidence-Based Backward Design	2
Piazza (Evidence-Based Backward Design)	3
Pre-quiz (Ungraded)	4
Instructional Design Process: The BIG PICTURE	5
Backward Design with LOGO	6
Bloom with LOGO	7
KC Categories	8
KLI's Knowledge Components, Learning Events, Instructional Events, and Assessment Events	9
Identify Key Hypotheses of the KLI Framework	10
Quiz [Graded]	11



Page Number



Navigation arrow

Module 1 | **Piazza (Evidence-Based Backward Design)**

In this course we will be using Piazza as a place where you can communicate with instructors, have discussions with other students, share questions and insights, and answer discussion prompts associated with each module.

We encourage that you communicate through piazza, but if needed you may additionally contact us through: **learnlab-help@lists.andrew.cmu.edu**

**Signing up for Piazza**

To sign up go to the following link: [piazza.com/cmu/other/eldp012](https://piazza.com/cmu/other/eldp012)

Join the listed course as a Student and enter the Class Access Code: **ELDP012**

Then log in with either a new or existing email address.

**Using Piazza**

When you go to Piazza you will see the following list of available discussion boards:

**Readings [REQUIRED]** - Here you will make discussion posts based on the readings. These posts satisfy requirements and will be explained more within the modules. These posts will be explained more within the modules. Look around and initiate discussions here as well as the open discussion forum!



6. Follow instructions as indicated through pages