

Online Teaching

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Introductions

- Your name
- Where do you teach?
- What classes do you teach?
- What is the class size?
- How long have you been teaching online?
- What has been the most exciting activity you have added to your class recently?

Ice Breakers

- ▶ Establishing a welcoming classroom in the online environment allows students to settle in and adjust to this form of instructional delivery.
- ▶ Social ice breaker activities set the stage for many later course activities.
- ▶ Put in rubric here, be clear and concise as that will also set the stage for grading discussion forums and other assignments.

Ice Breaker Activity



- ▶ Done in the first week of class.
- ▶ Student takes a selfie of them with something that they think is geology related.
- ▶ Introduce themselves, tell why they are taking the class. Talk about a good movie or book they have read recently.
- ▶ Last but not least they give their shoe size and height.
- ▶ Students use the shoe size and height to plot for the first lab so they have to read at least 20 of their fellow students posts. (most read more)

Ice Breaker Activity

- ▶ "Secret Lives of Scientists & Engineers" PBS
 - Students are assigned to watch two different short videos of scientists of their choosing.
 - From there, they first report out to me
 - Who the scientist is
 - What they do as a career
 - What their "secret" is.
 - Then they write a paragraph or two on how their major relates to what this scientist does professionally, followed by what their own personal "secret" is.
 - This allows students (particularly non-science majors) to put an importance on how science relates to them personally.
- <http://www.pbs.org/wgbh/nova/blogs/secretlife/>

EPIC – e-Learning Preparedness Initiative across the College

Reduce online learning barriers and support student learning, persistence, and success in online courses.



Image Source: <http://www.profitguide.com/wp-content/uploads/2013/02/figure-park>

Two-Pronged Approach

1. Student Preparedness
 - Develop a mandatory course for new online students
 - 3 modules covering Expectations, LMS Skills, and Computer Skills
 - Students cannot register for an online course until they have successfully completed all three modules
2. Faculty Preparedness
 - Develop online standards for course design and delivery
 - Create a mandatory certification program for online instructors

EPIC Quality e-Learning Standards

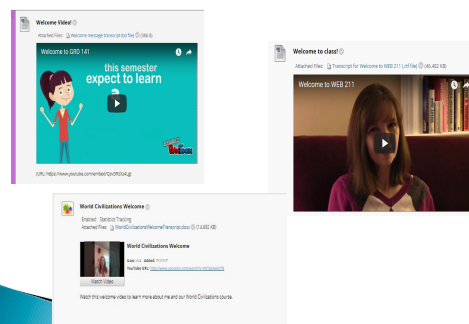
- Best practices in online design and delivery
 - Navigation
 - Communication
 - Collaboration
 - Assessment
- Participatory, team-based development by faculty and eLearning staff
- Based on research into best practices

Professional Development – EPIC-30

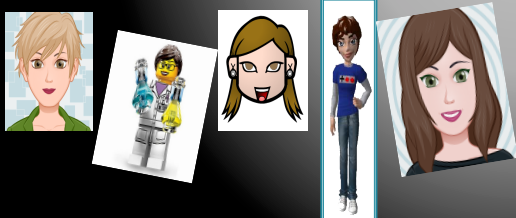
- ▶ EPIC 30-hours of PD training based on standards
 - LMS Training
 - Accessibility
 - Universal Design for Learning
 - Navigation
 - Communication and Collaboration
 - Assessment including rubrics
 - Capstone

Image source: Disney Lucas Films

Welcome Videos



Instructor Avatars



[Avatar Maker \(open in a new window\)](#)

Engaging Assignments



Each student will research a volcanic eruption that occurred prior to newspaper articles. You will write a newspaper article that would be written if that same eruption happened today. You must include the following:

- location, description
- type of eruption, describe different parts of eruption such as flow, ash eruptions, nuee ardents, mudflows etc.
- type of volcano
- lava types
- Description of why volcano is there (example plate boundary, hot spot other)
- Loss of life and/or property
- Have fun with the article be as creative as you want. At the end of the article you must ask one question about the eruption that students can answer if they read your write up. And include it at the end of your write up.
- Article should be 300 or more words. Once you have completed your article post it. Then read two others and respond/and or at least answer the question that they posted.

Tricks of the trade

- ▶ How to keep an online course engaging.
- ▶ How to keep organized, consistent structure in the classroom.
- ▶ How can you make/keep your course accessible?
- ▶ What information needs to be easily located by your online students?
- ▶ How can you be sure that online students get the same level of instruction as seated students?