

**FLORIDA**

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**POLYTECHNIC**  
**UNIVERSITY**

**Online Learning in STEM**  
**“Project Based Curriculum”**

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**May 12, 2016**

# STEM & E-learning

environment  
project based learning  
investigations driving questions  
portfolios evolution technology digital learning labs  
passion-driven flipped classroom biology  
real-world learner centered  
inquiry



- Introduction
- Online course delivery
- Infrastructure
- Implementation
- Summary

# Online Course Delivery

- Hybrid / blended courses
- Live broadcasts

- Introduction
- Online course delivery
- **Infrastructure**
- Implementation
- Summary

# Infrastructure

- Current resources
- Resources being considered
- Impact on future facilities

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# Implementation

- Other institutions
- MOOCS
- University courses
- Impact on future facilities needs



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# Summary



E-learning in a  
project based curriculum

