

# Technology in Learning



## Standards:

This course aligns to the INTASC Standards including Learner Development, Learning Differences, Learning Environments, Content Knowledge, Application of Content, Planning for Instruction and Instructional Strategies.

It also aligns to all of the McRel Teacher Evaluation Standards including Teacher Leadership, Diverse Learners, Teachers Know Content, Teachers Facilitate Learning and Teachers Analyze and Reflect.

Discover creative strategies to tap into classroom technology. The first section delves into research-based and classroom proven reading techniques that are fully supported by technology.

The second section presents the flipped classroom approach. Students are encouraged to take ownership by watching lesson videos on their own time and coming to class equipped to build upon their understanding of the concepts presented.

The resources, examples, and templates presented in this course help teachers plan and create efficient classrooms supported by technology.



1 CEU



100% Online



Quizzes



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## *Course Outline*

### SECTION A: Reading through Technology in the Classroom

#### LESSON 1: Introduction

- Introducing technology in the classroom
- Technology tools
- Interactive whiteboards and clickers
- Mobile devices and computers
- Bring your own device (BYOD)
- Important terms: backups and ergonomics

#### LESSON 2: Digital Reading Technologies

- Reading on an e-book
- E-book reader explained
- E-book reader technologies
- Tablet based e-book readers
- App based e-book readers
- Finding e-books
- Reading on the Internet
- Using digital libraries
- Virtual book clubs

#### LESSON 3: Technology Supported Reading

- Pre-reading strategies
- During reading strategies
- After reading strategies

#### LESSON 4: Collaborative Reading Through Technology

- Collaborative reading using technology
- Tools for collaborative reading
- Collaborative reading strategies
- Collaborative activities

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### SECTION B: Flipping Classrooms

#### LESSON 1: Understanding the Flipped Classroom

- Flipped classroom: Definition and why “flip?”
- Key elements and benefits to flipping a classroom
- Traditional classroom vs. flipped classroom
- Types of flipped classrooms
- Research and concerns regarding flipped classrooms

#### LESSON 2: Creating a Flipped Classroom

- How to flip the classroom
- Creating a flipped lesson plan
- Effective lesson planning
- Integration within a flipped classroom

#### LESSON 3: Tools for the Flipped Classroom

- Creating video content
- The latest technology for creating videos
- Digital tools for flipping
- Tips for effective videos

#### LESSON 4: Ideas, Tips and Collaboration

- Accommodating all learners and peer instruction
- Collaboration between students, parents, and school
- Flipping faculty meetings
- Flipping across grade levels

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