Teaching with Internet Technology

Standards:

This course aligns to all of the INTASC Standards including Learner Development, Learning Differences, Learning Environments, Content Knowledge, Application of Content, Assessment, 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.

Technology has become an integral part of our life and learning. Using technology in the classroom requires a high level of comfort with the tech tools, as well as an understanding of the role of technology in the learning process. This course equips teachers to help students use technology intelligently and responsibly.

In the first section, teachers will learn new ways of using tools they are familiar with and be exposed to the latest tools for both professional development and classroom application.

The second section teaches concepts and ideas behind using technology successfully in the classroom. It helps teachers understand the various skills that students need to develop in order to effectively use technology.

1 CEU

100% Online

Quizzes

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Course Outline

SECTION A: Introduction to Technology

LESSON 1: Technology Basics

- Computer basics
- Email
- Benefits and harmful effects of technology
- Devices and gadgets for the classroom

LESSON 2: Platforms and Providers

- Spreadsheets and Word processing
- Presentation software
- Organization using cloud-based storage applications

LESSON 3: Interactive Technology

- Digital scavenger hunts
- Interactive quizzes and activities
- Design tools

LESSON 4: Types and Models of Learning

- Flipped and hybrid classrooms
- Learning Management Systems (LMS)
- Webinars and video conferencing tools

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Course Outline

SECTION B: Technology in the 21st Century

LESSON 1: Introduction

- The mindset behind using technology
- How learning environments and education have changed with technology
- Technology standards and essential conditions required for learning

LESSON 2: Tool Set

- Classroom tools
- A code of conduct
- The need for parent education and learning to create a permission slip
- Integrating technology into the curriculum

LESSON 3: Skill Set

- The skill set required to succeed in the 21st century, and how these skills relate to technology
- Technology that teaches students how to create, connect, communicate, collaborate, and think critically
- Digital learning farms
- Roles students can take on while using technology in the classroom, including tutorial designers, official scribes, researchers, collaboration coordinators, contributors to society, and curriculum reviewers

LESSON 4: Mindset

- Digital literacies
- Basic literacy, information literacy, media literacy, visual literacy, global literacy and network literacy
- Ethical use of digital media
- Digital footprints

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Resources & Tools for Professional Learning Plans