

Intel® Teach Elements

Educational Leadership in the 21st Century

Syllabus

Course Description

Educational Leadership in the 21st Century provides an interactive e-learning experience to support exploration and discussion of school leadership in our students' technological 21st century world. School leaders review best practices, examine leadership behaviors, and develop strategies to better support their teachers. They follow two administrators who work together to better use technology to support teachers and improve student achievement. Participants discuss ideas and strategies with other leaders in the course and apply them to their own practice. Extension activities provide opportunities to explore more in depth topics of interest.

Module 1: Technology Leadership

Module 1 provides an opportunity for participants to consider their own strengths and challenges as a leader. They explore strategies for fostering a learning environment that leverages technology to help develop students' 21st century skills.

Outcomes:

- Understand how leaders can impact 21st century education by using standards to guide administrative actions and decisions.
- Explore effective professional development ideas for technology integration.
- Examine tools and resources for 21st century schools.

Lesson 1: Visionary Leadership

Lesson 2: Professional Practice

Lesson 3: Digital Age Teaching and Learning

Lesson 4: Module Review

Module 2: Collaboration with Technology

Module 2 explores how web-based tools enable administrators, teachers, and students to collaborate and communicate with each other and the world. Participants consider how online communities can create positive environment, discuss and learn best practices to protect against online threats and misuse, and explore how technology and policy can work together.

Outcomes:

- Investigate online tools to support collaboration and communication.
- Consider policies and practices to ensure safe and ethical online experiences.
- Learn how online communities can create a professional environment for sharing expertise, resources, and ideas.

Lesson 1: New Tools for Collaboration

Lesson 2: Online Safety and Ethics

Lesson 3: Online Communities

Lesson 4: Module Review

Module 3: Technology Trends

Module 3 provides optional extension activities to explore topics that are expected to transform teaching and learning in the near future. Leaders can complete full or partial lessons on the topics of evolving and more mobile online technologies, online learning, and electronic textbooks.

Outcomes:

- Consider the possibilities of new, more mobile technologies and online access.
- Explore the benefits and challenges of online learning.
- Investigate the features and advantages of electronic textbooks.

Lesson 1: Evolving Technology Access

Lesson 2: Online Learning

Lesson 3: E-books and E-readers

Lesson 4: Summary

Course Length

Total hours to complete the course depend on the facilitation, the number of optional activities completed, and the delivery method (all face-to-face or partially online):

- Minimum Requirements: Approximately 4 1/2 hours are required to complete the first two modules in a facilitated course.
- Extension Activities: Some activities within Modules 1 and 2, and all of Module 3 can be completed independently or as part of an extended, facilitated course.
- Action Notebook: Completing Action Notebook extension activities will add additional time to the course.
- Facilitated Discussions: Participants share ideas with other leaders and give feedback to peers. Completing optional extension discussions or adding time to the minimum discussion requirements will add additional time to the course.
- Delivery method: If some of the online content is completed outside of the face-to-face facilitated course, actual completion time may vary.