

The Intel® Teach Elements series currently has two courses on Mobile Learning. The first, *Moving into Mobile Learning*, is an introductory course made up of three modules. The second more advanced course, *Creativity in the Mobile Classroom*, has three modules that build upon concepts introduced in the first course. It is recommended that participants complete the introductory course prior to taking the advanced course, unless they have already attained the prerequisite skills through mobile learning experience and training.

### Syllabus: Introductory Course

## Moving into Mobile Learning

### Course Description

*Moving into Mobile Learning* is an e-learning course for teachers that explains and demonstrates the implementation of mobile learning with interactive activities and locally relevant classroom examples. The course helps teachers transition to mobile learning with background research, planning strategies, and suggested technology apps and online tools.

Similar to other Intel® Teach Elements courses, *Moving into Mobile Learning* can be delivered in flexible formats: facilitated online, face to face, or a hybrid. This mobile learning course is shorter than other courses in the Elements series, but if taken back-to-back with the advanced course, it is similar to other Elements courses at about 20–30 hours long, if facilitated. *Moving into Mobile Learning* provides 3 hours of e-learning with 5–10 hours of application work.

### Module 1: Introduction to Mobile Learning

In Module 1, teachers are drawn into mobile learning through classroom examples and scenarios. They see how mobile learning compares with other pedagogical technology-infused approaches, such as project-based or one-to-one learning. Participants learn about the benefits and challenges of mobile learning based on research. They review history and read about current trends, such as personalized instruction. To apply what they have learned, teachers consider their own situations to set goals and think about how to adapt their classroom and school environment to support mobile learning strategies.

### Outcomes

- Learn about definitions and the history of mobile learning and personalization.
- Examine trends in technology and education that support mobile learning.
- Understand the benefits and challenges of mobile learning and the components of a successful program.
- Review different models of mobile learning and their advantages and disadvantages.

### Lessons

- Lesson 1: Mobile Learning and Personalization
- Lesson 2: Why Mobile Learning Matters
- Lesson 3: Mobile Learning Initiatives

- Lesson 4: Implementation of Mobile Learning
- Lesson 5: Module Review

## Module 2: Mobile Learning Implementation

In Module 2, teachers learn concrete strategies for the implementation of mobile learning in their classrooms. They look at components of a mobile learning environment, the teacher and student skills that are required, and explore options related to their specific situation. They analyze the features of various mobile scenarios and consider how they might incorporate what they are learning into their classrooms. Teachers are exposed to a set of basic apps and tools that can support mobile learning and are given resources for evaluating, organizing, and using these tools with students. Finally, teachers create a plan for a mobile learning unit or lesson or for modifying existing units and lessons for mobile learning.

### Outcomes

- Explore a variety of mobile-learning environments and discover strategies for success with mobile devices.
- Explore basic apps and tools that can enhance student learning and creativity with mobile devices.

### Lessons

- Lesson 1: Paths to Mobile Learning
- Lesson 2: Learning in a Personalized, Mobile Environment
- Lesson 3: Basic Apps and Tools for Personalization
- Lesson 4: Module Review

## Module 3: Management of the Mobile Learning Environment

Module 3 addresses the practical concerns of teachers who are beginning to personalize their instruction through mobile learning. They consider policies that need to be in place to make sure that students can take advantage of mobile opportunities safely and securely. They also look at day-to-day management strategies for mobile learning inside and outside of the classroom.

### Outcomes

- Review school and classroom policies that promote learning and creativity in a mobile learning environment.
- Understand the challenges of implementing a personalized, mobile learning environment and explore solutions to these challenges.

### Lessons

- Lesson 1: School and Classroom Policies
- Lesson 2: Classroom Management in the Mobile Learning Environment
- Lesson 3: Module Review

## Course Length

Total hours to complete the course depend on how the course is taken (self-paced or facilitated), the number of optional activities completed, and the delivery method (face to face or online):

- **E-learning:** 3–4 hours individual work, learning concepts of mobile learning through interactive tutorials and exercises
- **Action Planning:** 6–10 hours of individual work, applying mobile learning principles to the classroom
- **Facilitated Discussions:** 3–6 hours of sharing ideas with other teachers and giving feedback on Action Plans (varies with format, face to face or online, and optional exercises)