



6 C's of Technology Integration

Course Overview:

People have been using the term "21st Century Skills" for more than two decades. The problem is, many people are vague in their definition of what this term actually means and what impact it has on our education systems. To help students be successful in the 21st Century, schools need to equip students with a new set of skills for "the knowledge economy". Experts, Michael Fullan and Alan November, will provide insight into the skills needed for Character, Citizenship, Communication, Critical Thinking and Problem Solving, Collaboration, and Creativity and Imagination.

Objectives

- Learn what the 6 Cs of 21st Century Skills are and understand their definitions.
- Understand the overall need for incorporating these skills into schools.
- Develop ideas and strategies for teaching these skills.
- Understand how technology is a tool to enhance the learning of these skills.

Outline

1. Getting Started *(15 min)*
2. Michael Fullan: The 6 C's of Technology Integration *(30 min)*
3. Alan November: Beyond the Boxes and Wires *(15 min)*
4. Unit 1: Character Education
 - Cyber-bullying and Character Education *(10 min)*
 - Breakthrough in Social and Emotional Learning *(20 min)*
5. Unit 2: Citizenship
 - Super Digital Citizens *(15 min)*
 - Five Ways to Create a Culturally Responsive Classroom *(5 min)*
6. Unit 3: Communication
 - Real World Science: A Classroom Example *(10 min)*
 - Building a Culture of Respect *(10 min)*
7. Unit 4: Critical Thinking and Problem Solving
 - Creating Digital Detectives *(15 min)*
 - Designing an iPad Case-Classroom Example *(15 min)*
 - Ten Takeaway Tips for Teaching Critical Thinking *(10 min)*
 - Higher Order Questions: A Classroom Example *(15 min)*
8. Unit 5: Collaboration



- 6 Suggestions for Collaborative Group Work (5 min)
 - Building Bridges (20 min)
 - Collaborative Learning in Practice (15 min)
9. Unit 6: Creativity and Imagination
- Creative Question Cues (15 min)
 - Back to School with iPads (10 min)
 - Power of Game-Based Learning (10 min)
10. Wrap Up: Teaching 21st Century Skills and Integrating Technology (15 min)

Resources This self-paced course includes a combination of

- Streaming video and assignments from Educational Impact's (EI) [online academy](#)*
- Non-EI video from other educational websites and video sources
- Reading materials and articles
- Personal reflections and independent writing activities
- Other performance tasks designed to extend professional learning into professional practice.
- Group discussion boards (If this course is taken with colleagues in a professional learning community or other group environment)

Note* [EI Online Academy](#): This course requires you to view specific video segments from the EI Online Academy. However the **FULL** EI Online Academy is also available to you to extend your professional growth. The EI Online Academy offers access to over 400 hours of streaming video and features leading educational experts and hundreds of real classroom examples. It also includes a personal learning plan tool (PLP) and video search engine to help you target areas of specific need or interest. Even though the EI video assignments in this course are limited to content specifically related to technology and 21st century skills, please feel free to expand your learning through the unlimited use of ALL of the resources in the EI Online Academy.

Assignments: Throughout this course you will work through a series of assignments designed to enhance your understanding of new knowledge and skills. In some cases you will be encouraged to post to your private online notebook for personal reflection. In other cases you will be asked to post to the EI instructor journal or discussion board.

- **Instructor Journal:** Instructor Journal assignment is a 1:1 discussion between you and your instructor/group leader. These postings will be cumulative and serve as an ongoing portfolio of work related to this course. Your instructor/group leader can view your responses and can comment on any of your postings. Your instructor's postings will appear inside of the Instructor Journal. If there are other



learners in your group, they are NOT able to view these entries.

- **Discussion Board:** Lastly, there will be times when you are asked to post to a threaded group discussion board. The group discussion board will provide all of the learners in your group or class with opportunities for discussion, collaboration, reflection, and in certain cases peer review within their group or PLC. There will be different discussion boards created for different topics. Be sure to post to the correct discussion board... as assigned by your instructor. Leave an insightful comment and add to the thread to maintain interaction and build collaboration.
- **Reading/Writing/General Assignments:** These assignments can include an attached URL or file. Writing and General assignments also include a text box for you to provide a written response.

Need help? Should you require technical assistance or have difficulty accessing any of the learning resources, please contact Educational Impact directly at 215-370-7666 or email EI Support at lmack@educationalimpact.com