Programme Details

Programme : Intel® Teach Elements (Part I of the Intel Teach Essentials Course)
Course Length : Two days
Pre-requisite : None

Course Description

This course is short, just-in-time professional development for busy educators and teachers. It has flexible delivery formats from individual self-paced to facilitated group work conducted face-to-face or online.

Intel® Teach Elements is of high interest, visually compelling short courses that provide deeper exploration of 21st century learning concepts such as Project-Based Learning. The instructional design includes:

- animated e-learning tutorials
- interactive learning exercises
- offline activities to apply concepts
- options to take the course self-paced or facilitated

Course Objectives

The objective of the Project-Based Approaches course is to help educators improve their understanding and application of project-based approaches in the 21st century classroom.

Course Learning Outcomes

By the end of the course, participants who complete the Action Plan will have designed materials and activities to implement or improve project-based approaches in their classrooms.

1. Demonstrate ability to plan teaching for a diverse student audience
2. Show deep understanding of the principles of good teaching at the tertiary level
3. Write a lesson plan for lectures
4. Write a lesson plan for tutorials/laboratory/studio work
5. Evaluate a lesson

Course Content

The course has five modules plus an Orientation and Wrap-up. Each module includes three to six lessons of interactive activities with exercises that introduce and explore concepts. Many of the activities are followed by an Action Plan task.

Module 1: Project Basics

Review a variety of projects and explore the characteristics and benefits of projects. Explore what makes a project approach different from a more conventional approach.
Module 2: Project Planning
Using project design steps and planning tools, identify what students should learn, choose a project to accomplish goals, and think about what a project will look like in one’s own classroom.

Module 3: Project Assessment
Integrate assessment throughout the project to provide feedback and monitor progress on content knowledge and 21st century skills.

Module 4: Project Management
Learn strategies and develop tools to support student self-direction and manage the day-to-day details of project work.

Module 5: Project Instruction
Plan instruction to improve student learning processes and thinking skills, such as collaboration and critical thinking.