



Free Professional Development for 21st Century Skills

The Intel Teach® Program is a proven, worldwide professional development program that helps educators enhance 21st century learning through the effective use of technology. The program delivers a range of offerings which includes both in-person and online instruction and incorporates relevant and useful online tools and resources. The program promotes 21st century learning skills critical for student success in today's knowledge economy: skills such as digital literacy, problem solving, critical thinking, and collaboration.

In these hands-on, face-to-face offerings, participants learn to:

- Develop inquiry-based, technology-enriched projects and units to enhance student learning
- Use computers and the Internet as tools for research, creativity, and communication
- Align curriculum to standards and utilize tools to assess student work

How It Works

Intel Teach uses a train-the-trainer model. Teachers learn from other teachers' best practices for how, when, and where technology can enhance student learning. A Local Education Agency (LEA), such as a school, district, or state agency, applies to have their teachers participate in one or both offerings. Upon approval, the LEA identifies candidates for Intel Teach Master Teacher training. Once successfully trained, these Master Teachers recruit and provide professional development for local Participant Teachers. All training, materials and support are provided without charge.

Teachers: Get your district involved today.

Are you a teacher interested in Intel Teach? Our Web site includes free resources to help you motivate your district to apply for the program.

School districts and schools: Apply online to participate as an LEA

At our Web site you'll find:

- The Local Education Agency application for Essentials Course and Thinking with Technology Course
- Additional program information and research
- Valuable, free resources for teachers and leaders

Get Involved

To learn more, visit: www.intel.com/education/teach

Intel® Teach Program Essentials Course¹

This 40-hour, hands-on, face-to-face course gives teachers a solid foundation in both technology integration and inquiry-based learning. Teachers learn to use backwards curriculum design, ask Essential Questions that promote higher-order thinking and use technology to create standards-aligned Unit Plans for authentic, engaged learning of 21st century skills.

Teachers Leave the Course with:

- A fully developed Unit Plan aligned to state standards and includes:
 - Essential Questions, Unit, and Content Questions
 - Detailed instructional procedures
 - Sample student projects
 - Assessment plan and tools
 - Support materials and classroom management documents
- New strategies for using technology to enhance learning
- Free curriculum materials, including a CD loaded with sample unit plans, useful Web sites, and other resources

Statement of Alignment

The International Society for Technology in Education (ISTE) reviewed the Intel® Teach Program Essentials Course on May 25, 2003, renewed on February 2, 2005, and has determined that it clearly supports implementation of the ISTE National Educational Technology Standards (NETS) for Teachers in specific, carefully reviewed and documented ways and substantially prepares participants in the following manner:

NETS*^T Alignment

- Meets: IA, IIA, IIB, IIC, IID, IIE, VC, VIA
- Supports significant growth for: IIC, IIID, VIE



Intel® Teach Program Thinking with Technology Course²

Building on intermediate technology integration skills (Essentials Course or equivalent), this 24- to 40-hour course prepares teachers to engage students in higher-order thinking and 21st century skills using a set of free online thinking tools³ available at the Intel® Education Web site.

The tools currently available are:

- *Visual Ranking*: For prioritizing and comparing lists
- *Seeing Reason*: For investigating cause-and-effect relationships
- *Showing Evidence*: For building well-structured arguments

Teachers Leave the Course with:

- Strategies and project ideas for using the tools to target and assess higher-order thinking skills
- A fully developed Unit Plan, aligned to their state standards, that incorporates one or more thinking tools

The Unit Plan includes:

 - Essential Questions, Unit and Content Questions
 - Detailed instructional procedures and strategies for integrating the thinking tools
 - An online classroom project ready for implementation
 - Assessment plan and tools
- Free curriculum materials and resources

Statement of Alignment

The International Society for Technology in Education (ISTE) completed its initial review of the Intel® Teach Program Thinking with Technology Course on October 20, 2005, and has determined that it clearly supports implementation of the ISTE National Educational Technology Standards (NETS) for Teachers in specific, carefully reviewed and documented ways and substantially prepares participants in the following manner:

NETS*^T Alignment

- Meets: IA, IIA, IIB, IID, IIE, IIIA, IIIC
- Supports significant growth for: IIC, IIIB, IIID, IVA, IVC, VB, VC, VD



1 The Intel® Teach Essentials Course uses Microsoft Office* software for Microsoft Windows*-platform computers. Each PC must have Microsoft Office 2000, XP, or 2003* with Microsoft Publisher 2000, 2002, or 2003* installed. The term PC refers to a personal computer, desktop or laptop, capable of running this software.
 2 The Intel® Teach Thinking with Technology Course was previously titled the Intel® Teach to the Future Workshop on Teaching Thinking with Technology.
 3 The Intel® Teach Thinking with Technology Course requires each computer to have an Internet browser, the free plug-in Macromedia Flash Player 7.0* or higher, and Microsoft Office 2000* or above (for Microsoft Windows* systems) or Microsoft Office 2001 for Mac* or above (for Macintosh* systems).