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## Welcome to the Intel® Teach Program Getting Started Course.

Thanks to teachers like you, over 4 million educators worldwide have made technology learning more compelling and more relevant.

Dedicated teachers nurture the innovative potential in young people, preparing them to step into a world where an understanding of technology can help shape their success. Like you, Intel is passionate about education, because we know it is the foundation for innovation and opportunity. So, on behalf of Intel, I want to thank you for participating in this course.

Since 1999, the Intel Teach Program has helped educators in more than 40 countries. Our programs are built for educators by educators, and they combine best practices with the power of technology.

We live in a global economy where each one of us is increasingly challenged to analyze information, collaborate, and communicate ideas using an ever-changing array of technology. We hope our materials help prepare you to succeed in this competitive environment.

Innovation involves taking calculated risks but yields big rewards. Your participation in the Intel Teach Program brings that same spirit to the classroom, where we know your students will be the true winners.

Best regards,



Paul Otellini  
Chief Executive Officer  
Intel Corporation

An equal opportunity employer.

# Welcome

We welcome you to the Intel® Teach Getting Started Course, and appreciate your commitment to the future of your students and to your profession as an educator. Students today, more than ever, need the ability to understand and deal with complex issues and problems. This course has been created to help you acquire technology literacy skills and develop 21st century teaching and learning approaches. Thank you for investing your time and energy into this course and for your commitment to preparing your students to be successful in tomorrow's world.

## Curriculum Introduction

The Intel® Teach Getting Started Course helps subject matter teachers who have little to no computer experience acquire technology literacy skills and develop 21st century approaches to teaching and learning. The training consists of 12 modules that can be customized to the needs of each school.

The themes of the Getting Started Course include:

- Promoting and developing a 21st century learning environment
- Fostering critical thinking and collaboration in the classroom
- Facilitating student-centered classrooms that encourage student self-direction and higher-order thinking
- Acquiring and applying basic technology skills to create teacher productivity tools
- Using technology effectively to create products relevant to subject and grade levels
- Developing an action plan detailing how teachers will apply their new skills and approaches to enhance productivity and professional practices over time

## Intel® Education Initiative

Working with educators from around the world, Intel is preparing today's young people to flourish in the knowledge-based economy of the 21st century. Our goal is to help students develop the higher-order thinking skills they need to realize their full potential. The Intel Education Initiative consists of several programs that serve teaching in primary and secondary education, higher education, and community education, including:

- Intel® Teach Program
- Intel® Learn Program
- Intel Computer Clubhouse Network
- Intel sponsored science competitions
  - Intel Science Talent Search (Intel STS)
  - Intel International Science and Engineering Fair (Intel ISEF)

### Overview

### About the Institute of Computer Technology

The Getting Started Course materials were prepared by the Institute of Computer Technology (ICT). ICT, a nonprofit organization, provides K-12 curriculum development and technology training services for corporations, nonprofit agencies, and the education community.

Founded in 1982, ICT has become a trusted partner worldwide in designing standards-based, student-centered computer science, science, engineering, and math curriculum, including technology integration professional development programs for educators. A key part of ICT's mission is to advocate for technology literacy in all curricula. The organization's goal is simple, but ambitious: to harness the power of technology to transform teaching and learning for all K-12 students worldwide.

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