



Introducing Technology into Instruction

Instructional Technology Module One

Course Description

Case: Freedom Area High School

Today's teachers face a variety of challenges when it comes to technology integration. Often, the pressure of using computers and digital media in the classroom is more intimidating than motivating. This professional development module is designed to motivate experienced teachers new to technology integration.

Encouraging Technology Integration

Instructional Technology Module Two

Course Description

Case: General McLane High School

System-wide efforts to integrate technology cannot work without teacher support. This course will highlight ways to boost teachers' appreciation for and appropriate use of instructional technology. Strategies for boosting technology integration, including peer coaching, will be explored.

Communicating with Technology

Instructional Technology Module Three

Course Description

Case: Manheim Central High School

Involving families, businesses, and other community stakeholders in the school community offers unique opportunities for interaction and dialogue. This module uses case study to help teachers identify uses of communication technologies across curricular areas and in the school community. Course participants will consider strategies for communicating with stakeholders using available technology.

Preparing for School-wide Technology Integration

Instructional Technology Module Four

Course Description

Case: Hatboro-Horsham High School

Before implementing a technology plan, schools must evaluate the needs of their teachers and students. This course presents strategies for initiating technology planning, and helps teachers see their role in the process.

Transforming Teaching and Learning with Technology

Instructional Technology Module Five

Course Description

Case: Plymouth-Whitemarsh High School

Using technology effectively means setting goals beyond student engagement. Teachers can increase student understanding by incorporating technology into their instruction. This professional development module highlights innovative web-based instructional resources and as well as ways technology can promote effective dialogue among teachers, students, and families.

Using Technology to Enhance Content-Area Instruction

Instructional Technology Module Six

Course Description

Case: Enhancing Learning: Hatboro-Horsham High School

Technology can enhance subject-area learning by motivating students to solve real-world problems, increasing communication between students and teachers, and enabling teachers to provide immediate feedback. This module highlights issues surrounding technology integration in content-area classrooms and the importance of providing teachers effective support as they incorporate technology into their classrooms resources and as well as ways technology can promote effective dialogue among teachers, students, and families.

Enhancing Learning Opportunities with Technology for Culturally Diverse Students

Instructional Technology Module Seven

Course Description

Case: Scranton High School

Schools in the 21st Century are more culturally diverse than ever before. Technology can be a powerful tool in meeting the needs of diverse learners. This professional development module will encourage teachers to use technology as a instructional tool to enhance learning and engage English Language Learners in all subject areas.

Supporting Student Growth with Technology

Instructional Technology Module Eight

Course Description

Case: New Year, New Opportunities: School of the Future

Effective technology use in schools can engage, motivate, and inspire learners to achieve in and out of the classroom. This professional development module will identify best practices for teaching with technology as well as examine how student technology use may serve as a catalyst for academic and personal growth. Special attention will be paid to urban learning environments.

A Framework for School Reform

School Reform: Module One

Course Description

Case: School of the Future

Many forces serve as catalysts for school reform. This course examines some of the social, economic, political, and educational foundations behind these forces. Course participants will explore the many aspects of school reform as well as examine related benefits and challenges for schools, teachers and students.

21st Century Teaching and Learning

School Reform: Module Two

Course Description

Case: Students at the School of the Future

Today's public schools must focus on high quality teaching that emphasizes the knowledge and skills students need to become productive members of society. This professional development module, which highlights research-based teaching and assessment strategies that focus on engagement of all students and authentic assessment, is part of a 3-credit course in School Reform.

Curricular Foundations for School Change

School Reform: Module Three

Course Description

Case: South Fayette High School

Implementing changes to a school's curriculum can be challenging for teachers and students. In an era of accountability and high-stakes testing, curricular change often occurs through analyzing and acting on data from standardized tests. This professional development module will encourage participants to dissect the forces leading to school wide curricular changes while also focusing on the impact of that change on staff and students.

Transforming School Culture with Innovative Leadership

School Reform: Module Four

Course Description

Case: Sto-Rox High School

A positive school climate impacts all aspects of a school, from teacher morale to student achievement. This professional development module will help participants understand the ways school leaders develop an overall vision for school wide success. Special focus will be given to the issues and challenges relevant to urban schools.

Equity and School Vision

School Reform Module Five

Course Description

Case : Technology and Transition : Sto-Rox High School

A school's vision must take into account all student populations. This professional development module will help participants understand how to establish a vision for their school and how they might assure inclusion as they develop this vision.

Sustaining School Reform Initiatives

School Reform Module Six

Course Description

Case : Roads to Reform : Freedom Area High School

After acquiring new resources or beginning new programs, schools must reflect upon ways to sustain their momentum. This professional development module will help participants understand where they are in the process of sustainability and how they might move forward in their improvement process.

Establishing Community Relations

School Reform Module Seven

Course Description

Case : Cultivating Community at the School of the Future

Community partnerships and perspectives can make or break a school, and administrators need the tools to engage the community in the learning of their students. This professional development module will help participants understand how to work with community members and form lasting partnerships.

The Project-Based Learning Curriculum

School Reform Module Eight

Course Description

Case: Beyond the Textbook: School of the Future

In the age of standardized assessments and data-driven reform, implementing project-based learning can be a challenge. This professional development module will help participants understand how to establish project-based learning in their schools while meeting the needs of today's students and teachers.