
TITLE: Integrating New Technologies Into Proven Curriculum (INTPC) 2

Session Topics

1. Organizing with Technology
2. Fostering Information Literacy
3. Communicating through the Internet
4. Encouraging Safe Practice on the Internet
5. Project Development

Description of Experience:

Overview: INTPC 2 is an exciting opportunity for educators to advance beyond their understanding of the technology incorporated into their lesson plans. This forty-five (45) hour experience is designed to address the issues that arrive from daily use of the Internet and other technologies. This learning experience will give them a deeper understanding of many Internet controversies and overcoming the obstacles that impede successful utilization of the Internet. Creative discovery and collaboration among teachers will provide the background for each topic. The conclusion of the program will give teachers the opportunity to create Internet-based lessons that provide a safe but informative environment for students.

Rationale: Teachers who are effectively integrating technology into their classrooms are encountering new barriers from the everyday use of technology. The continued growth into the age of curriculum/technology incorporation is exciting, however, considering student safety issues, addressing various learning styles, and the time-enduring task of sorting disseminated information on the Internet can become overburdening. While the Internet is a tremendous asset for research, teachers need to be cautious using this tool. Interacting with the Internet, standard classroom software applications, and new technology can have a tremendous organizational impact on teachers' lives and classrooms as well as student achievement.

Program Impact: The ultimate beneficiary of INTPC 2 will be the students directly impacted by the educators experience in the program. This course is specifically designed to teach teachers how to create a safe and didactic working environment for students. The opportunities to take standard software applications and combine them with creativity will assist teachers in becoming more organized electronically. Students will learn from the direct and indirect practices and organization of their classroom teachers.

Timeline: INTPC 2 will span one full week during the summer of 2001. Six (6) hours per day of classroom training will engage the teachers in large and small group training sessions. This week of intense staff development will be complimented by several projects developed outside of the classroom experience to complete an additional fifteen (15) hours.

Credits Requested: Three (3) Credits

Performance Outcomes:

1. Participants will be able to utilize common software applications and other technology to improve and assist others in improving their organizational skills.
2. Participants will be able to create Internet- based lessons that encourage safe practices on the Internet.
3. Participants will be able to promote Information Literacy through efficient access, evaluation, and use of Internet research.
4. Participants will be able to utilize technology to accommodate various learning styles for various lessons.
5. Participants will be able to creatively integrate the Internet as a communication tool in the classroom.
6. Participants will demonstrate their ability to create interactive classroom presentations with various communication devices.
7. Students of these participants will become increasingly organized with the use of technology through the positive modeling of their teachers.
8. Students of the participants will have opportunities to directly utilize the resources created by the participants.
9. Students of the participants will be impacted by witnessing Internet safe practices in the classroom. They will transfer this safe practice to their homes.
10. Students of the participants will be exposed to the potential of communication through the Internet.

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11. Students of the participants will become increasing Information Literate through direct assistance from teachers and creative lesson planning. Information Literacy is a life-long skill that should be continuously reinforced.

Evaluation: assessment tools throughout the training period will compliment INTPC 2. A combination of written, oral and team evaluations will be woven throughout the process. To effectively assess the outcomes, an evaluation will be given prior to the start of the program. This will serve as a measuring rod for program success. The same assessment will be give at the end of the training. Another dynamic tool will be peer evaluation. Each participant will present their completed projects to the larger group. Evaluations will be completed and compiled. In addition to these methods of evaluation, follow-up will be provided as the participants are asked to keep their web-based materials updated. This will allow the project coordinator to evaluate the growth of the participant's skills.

Materials: Teachers and Technology will develop all materials and create all assessments. The class location will need to have at least one microphone, web camera, scanner, and digital camera available for use by participants during class.

Course Objectives

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Objectives

Session One

Organizing with Technology

- Identify the roles of peripherals and software applications for organizing information
- Review and practice software skills (word processing, spreadsheets, web-browsers, and email packages) that can improve organizational skills
- Identify methods for electronically accommodating different learning styles
- Discuss and develop methods for assisting students in organizing their material and time with technology

Session Two

Fostering Information Literacy

- Define Information Literacy and its relevance to technology
 - Build a database of resources for students to access material appropriate to the teacher's subject and grade level
 - Research and develop effective steps to evaluating a source on the Internet
 - Discover methods for combating plagiarism
 - Develop lessons ideas that direct students to use information appropriately
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Session Three

Communicating through the Internet

- Identify methods for integrating the Internet as a communication tool
- Create various file types (sound, video, pictures) for email attachments
- Locate sites for monitored student email and teacher resources for connecting with other professionals on classroom projects
- Develop an Internet-based lesson using communication

Session Four

Encouraging Safe Practice on the Internet

- Understand the importance of educating both teachers and students on safety issues
- Identify Internet issues related to student safety
- Compare sites that provide online fundraising
- Create a list of safe practices for kids using the Internet
- Research internet filters and online advertisements targeting kids
- Develop a project that educates students/parents on Internet safety or website evaluation

Session Five

Project Development

- Continue development of an Internet-based lesson using communication
- Continue development of a project that educates students/parents on Internet safety or website evaluation
- Adapt an existing lesson or a create a new lesson that utilizes technology to accommodate the different learning styles of students
- Class presentation