
TITLE: Integrating New Technologies Into Proven Curriculum (INTPC)

Session Topics

1. Using the Internet for Personal/Professional Growth
2. Using the Internet to Enhance Curriculum Objectives
3. Web Based Website Development
4. Integrating the Internet with Word, PowerPoint, and other applications
5. Project Development

Description of Experience:

Overview: INTPC is an exciting opportunity for educators to advance in their understanding of technology incorporated into their lesson plans and overall curriculum. This forty five (45) hour experience is designed to engage the participants in the utilization of Internet based opportunities to enhance every aspect of their lesson development. This learning experience will give them an enlightened view of the resources that are complimenting classrooms around the country. Utilization of web based tools will also be incorporated into standard classroom based applications to allow the educators to take these standard software packages to greater application within their classrooms. The conclusion of the program will give the teachers the opportunity to actually create their own web based classroom web site to enable students, parents and the general school community to actively participate in the classroom from remote locations.

Rationale: through effective studies and intentional questioning of our schools, it is evident that most of our teachers have access to internet resources as well as word processors, presentation applications and other standard software resources. This continued growth into the age of curriculum/technology incorporation is exciting, however, most of our educators do not know the essential skills in proper utilization of the tools. While the Internet is a tremendous asset for research, teachers need to take this tool to greater utilization opportunities. Web based activities, tests, webquests, projects and lessons, enable teachers to eliminate time wasted by simply searching the Internet for applicable sites. Interacting with the Internet as well as pulling the resources into the standard classroom software applications creates a dynamic process for teachers to better engage their students into the curriculum.

Program Impact: The ultimate beneficiary of INTPC will be the children directly impacted by the educators experience in the program. This course is specifically designed to teach teachers how to better impact their classrooms with already existing classroom tools. The opportunities to take standard software applications and combine them with interactive internet resources will give these teachers an opportunity to explore new teaching methodologies that will create a more dynamic learning environment. Additionally, parents will have an opportunity to benefit from the eventual creation of an interactive web site created by the teachers and designed to bring the classroom into the home.

Timeline: INTPC will span one full week during the summer of 2000. 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 clearly be able to identify the appropriate uses of instructional technology Internet sites.
2. Participants will be able to create technology based student projects.
3. Participants will demonstrate their ability to create interactive classroom presentations utilizing the latest in instructional technology tools.
4. Participants will become comfortable with general Internet usage and be able to effectively navigate through this massive resource tool.
5. Participants will be able to effectively utilize common software applications and be able to utilize them with other technology-based resources.
6. Participants will be able to evaluate effective Internet and other technology resources for their valid use in their classrooms and curriculum.
7. Participants will develop skill sets in developing web-based enhancements for presentations, lesson plans, and student projects.
8. Students of these participants will become engaged in the learning process with the enhancement of the teacher's instructional skill sets.
9. Students of the participants will have opportunities to directly utilize the resources created by the participants.
10. Students of the participants will be impacted by the greater utilization of technology tools in the classrooms. They will benefit from their teachers being able to demonstrate the valid utilization of technology within the learning process.
11. Students of the participants will be exposed to technology projects that will help reinforce the curriculum and give them an opportunity to enhance their own productivity at school and at home.

Evaluation: INTPC will be complimented by assessment tools throughout the training period. 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. Teachers and Technology will create all assessments.

Course Objectives

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Objectives

Session One

Using the Internet for Personal/Professional Growth

- Identify the roles of the Internet for a teacher
- Create and organize a system of bookmarks (favorites)
- Identify the purpose and set-up a web-based email account
- Discover resources to enhance professional use of the Internet

Session Two

Using the Internet to Enhance Curriculum Objectives

- Compare interactive sites to linear sites
- Critique educational sites for student use
- Understand a Webquest
- Discover resources for student use in the classroom

Session Three

Web Based Web Site Development

- Understand the importance of classroom websites
- Develop web based tools to organize both student and teacher work
- Develop web based lessons and tests
- Create a procedure for incorporating classroom websites into curriculum objectives

Session Four

Integrating the Internet with Word, PowerPoint, and other applications

- Create Hyperlinks to the Internet
- Copy pictures from the Internet for use in Word, and PowerPoint
- Copy text from the Internet for use in Word, and PowerPoint
- Understand Internet copyright laws

Session Five

Project Development

- Development of Internet enhanced lesson plans
- Development of student involved technology project
- Creation of dynamic presentation incorporating word processing and internet resources
- Development of web based web site
- Class presentation