



- **Technology Literacy Basic and Advanced**
- **Infusing Technology into Academics**

“A Series of Professional Staff Development courses designed to improve the technology literacy skills of K-12 teachers and administrators as well as to train teachers how to effectively integrate technology into the academic courses they teach”

EAI Technology Literacy Staff Development

EAI and Futurekids Corporations have teamed to provide a Professional Staff Development course that is designed to improve the computer literacy of faculty members. The content is designed in alignment with national educational technology standards: International Society for Technology (ISTE), the National Council for Accreditation of Teacher Education (NCATE), and the Commission on International and Trans-regional Accreditation (CITA). The most comprehensive course offered is 45 hours that covers 10 areas of technology: Operating Environments, Word Processing, Graphics, Multimedia, Desktop Publishing, Databases, Spreadsheets, Internet, Programming, and Applied Technology. The course agenda can be customized based on the needs of the K-12 institution.

The course is activity-oriented, relevant, individually responsive and fun. Both professional tasks (keeping grade books, creating lesson plans and communicating with various educational groups) and classroom teaching (complementing the current curricula) are addressed. Basic skills, methodology, and pedagogy are covered at theoretical and applied levels.

The Technology Literacy and Infusing Technology into Academics courses are built around the software applications that schools and businesses most utilize. The software titles include Microsoft Office and Apple Works. Because the foundation of the curriculum is such, our K-12 clients are able to achieve a greater ROI on existing hardware and/or software purchases. Those taking the courses would be eligible for three graduate credits from multiple Colleges and Universities if all 45 hours were successfully completed.

A study conducted by the Center for Positive Practices conducted in the Los Angeles Unified School District showed that teachers participating in the Futurekids Professional Staff Development Program improved their computer literacy by an impressive 69% over the control group.

The research team also concluded, when teachers are more adept at using technology, their students begin to perform better. For example, Wenglinsky (Does It Compute?) found that fourth and eighth grade students whose teachers received more professional development on technology were more likely to do better on tests than their counterparts. Coley, Cradler, and Engel (Computers and Classrooms: The Status of Technology in U.S. Schools) also found that teacher technology professional development was also positively correlated with their students high levels of academic performance. And, Yocam (Teacher-

Centered Staff Development) found that classrooms that used technology more were also more likely to establish collaborative learning environments, where students were more engaged and their written work improved.

Infusing Technology Staff Development

This 15 hour professional development course is designed to provide educators with the resources to integrate technology into Language Arts, Mathematics, Social Studies, and Science. The five-3 hour sessions will provide the methodology to determine appropriate standards and objectives for both curriculum and technology integration; review necessary technology skills needed to complete the projects; present three sample student projects which demonstrate technology infusion; guide teachers through the process of developing a subject-specific technology project for their own classrooms; and enable teachers to evaluate technology usage in the curriculum.

The sessions are activity-oriented, individually responsive and fun, addressing both professional tasks (discovering relevant resources on the Internet) and classroom teaching (enhancing specific curriculum through the use of appropriate technology). Specific skills, methodology and pedagogy are covered at theoretical and practical levels.

Using Microsoft Office software, Futurekids provides teachers with ready-to-use classroom technology projects, complete with electronic templates, teacher guides, and student handouts. These projects can be easily adapted for immediate use in the classroom. Teachers are also provided with a clear, logical process to develop their own technology projects based on their own curriculum and students' needs. The course includes a comprehensive CD-ROM, which includes electronic templates, samples, handouts, and lesson plans. In addition, a wealth of valuable teacher resources, Internet sites focusing on specific content-area lesson plans, technology integration and professional development are included, as are samples of project evaluation and student performance rubrics. An extensive appendix in each book includes software tutorials for all applications, a troubleshooting guide, and a glossary. Again, the school gets a greater return on its curriculum investment by creating technology-infused lessons using current textbooks. The staff that completes the course would be eligible for one graduate credit from multiple Colleges and Universities.

For additional product information or to contact an EAI Educational Consultant for a presentation or demonstration please email us at info@educating-america.com