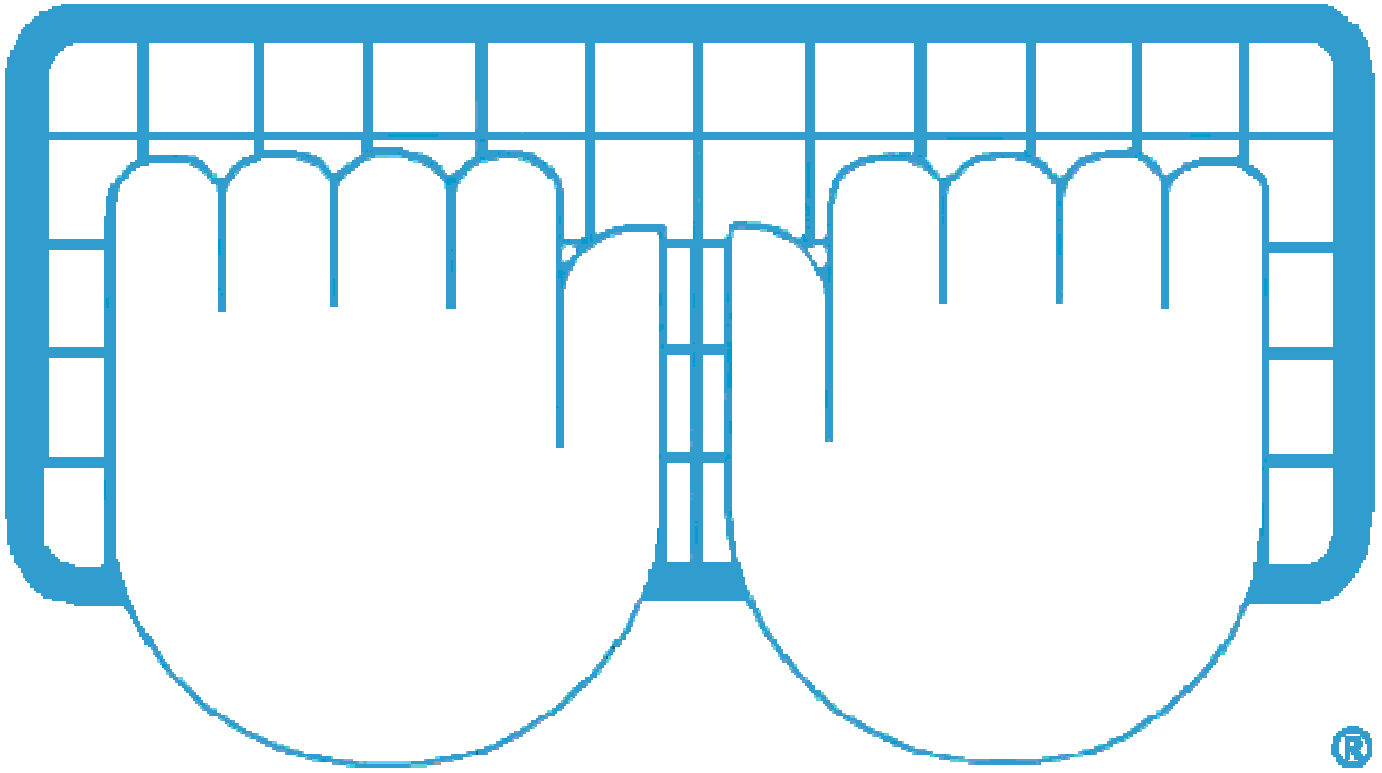
Why SYS-ED for Web-based Training



Foundation for SYS-ED Web-based Training

- The foundation of SYS-ED's web-based training is the application of the Computer Education Techniques courseware library and knowledge base to the lesson plans and standards of the New York State Department of Education - Bureau of Proprietary School Supervision.

- David Shapiro and David Silverberg have completed the courses required by the New York State Department of Education - Bureau of Proprietary School Supervision as part of meeting the teaching, courseware, and classroom management licensing requirements.

New York State Department of Education Standards

University of the State of New York
Education Department

A PRIVATE CAREER SCHOOL FULL TEACHER LICENSE

has been issued to

DAVID M SHAPIRO

This certificate, valid for service only in licensed private career schools, is granted to the person who has satisfied the requirements prescribed by the State Education Department.

Certification Area: Computer Applications - # 21518-11661	Effective Date: 06/24/2021 Expires On: 06/24/2025
Certification Area: Computer Networking Administration - # 21521-11661	Effective Date: 06/24/2021 Expires On: 06/24/2025
Certification Area: Computer Programming - # 11016-11661	Effective Date: 08/30/2021 Expires On: 08/30/2025

Original issued certificates are on file at SYS-ED.

Courseware Library - Web Enabling of Content

- The Computer Education Techniques courseware library compares favorably to the content and training materials distributed by software companies, purveyors of open source software, and consulting firms in terms of:
  - Narrative explanations.
  - Pre and post course assessment.
  - Sample programs.
  - Diagrams.
  - Skeleton programs.
  - Case studies.
  - Exercises.

First Generation Experience: UNIX and Open Source Software - 1

- The principals managing SYS-ED developed and taught C programs to a generation of programmers, were involved with the superset of functions which became C++, and wrote handouts and instructor guides for X Windows and Motif interfaces.
- As UNIX became integrated into IBM mainframe operating systems, SYS-ED developed and taught the popular UNIX- and Linux-variant courses.
- Equally as important, we have specialized expertise with hybrid internetworking and development platforms.

First Generation Experience: Free and Open Source Software - 2

- Our staff is experienced with open source operating systems, web servers, and development languages.
  - UNIX to Linux-variant configuration, internetworking, and administrative scripting.
  - web server configuration, performance optimization, and programming.
  - designing, coding, and debugging Java applications and using development tools.
  - designing and programmatically managing XML data.
  - evaluating the design, and developing code for web browsers and Google Android mobile devices.

First Generation Experience: Free and Open Source Software - 3

- Industry experts agree that most documentation available for supporting open source software does not provide an equivalent degree of clarity and completeness in relation to its commercial counterparts.
- CETi courseware and training aids have been designed to address this shortcoming and provide value-added service.

Computer Education Techniques Knowledge Base

- Content in the CETi knowledge base is derived from the compilation and independent assessment of the accuracy of source information and data from:
  - CETi technology partners
  - Documentation in the public domain
  - Information in the public domain
  - Feedback from SYS-ED courses and integrated training programs

- Content from the knowledge base is selectively added to the courseware.

Instructor Training Program - 1

- Computer Education Techniques instructor training program is the unifying element of the training services delivered under the SYS-ED brand.
- Each system consultant is required to generate inputs, contribute independent research, and produce outputs which meet the standards of the New York State Department of Education.
- The training program ensures that the subject matter expert is a qualified teacher with the skillset to effectively utilize technology for presenting information technology subject matter.
  - It is the quality control and professionalism serving as the hallmark of the SYS-ED service.

Instructor Training Program - 2

Certificate of Completion

COALITION OF NEW YORK STATE CAREER SCHOOLS

THIS CERTIFIES THAT

David Shapiro

HAS SATISFACTORILY COMPLETED A 30 HOUR COURSE

Course I

Methods of Occupational Instruction

February 7, 2004

Certificate of Completion

COALITION OF NEW YORK STATE CAREER SCHOOLS

THIS CERTIFIES THAT

David Silverberg

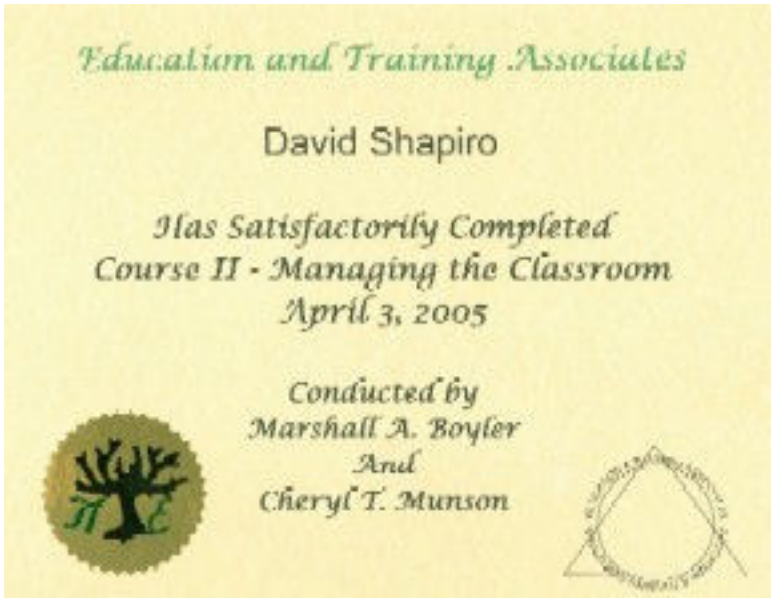
HAS SATISFACTORILY COMPLETED A 30 HOUR COURSE

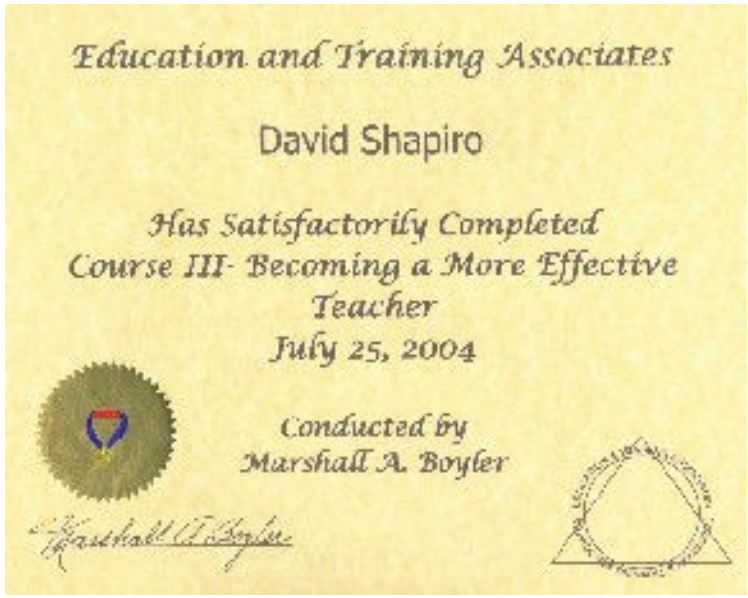
Course I

Methods of Occupational Instruction

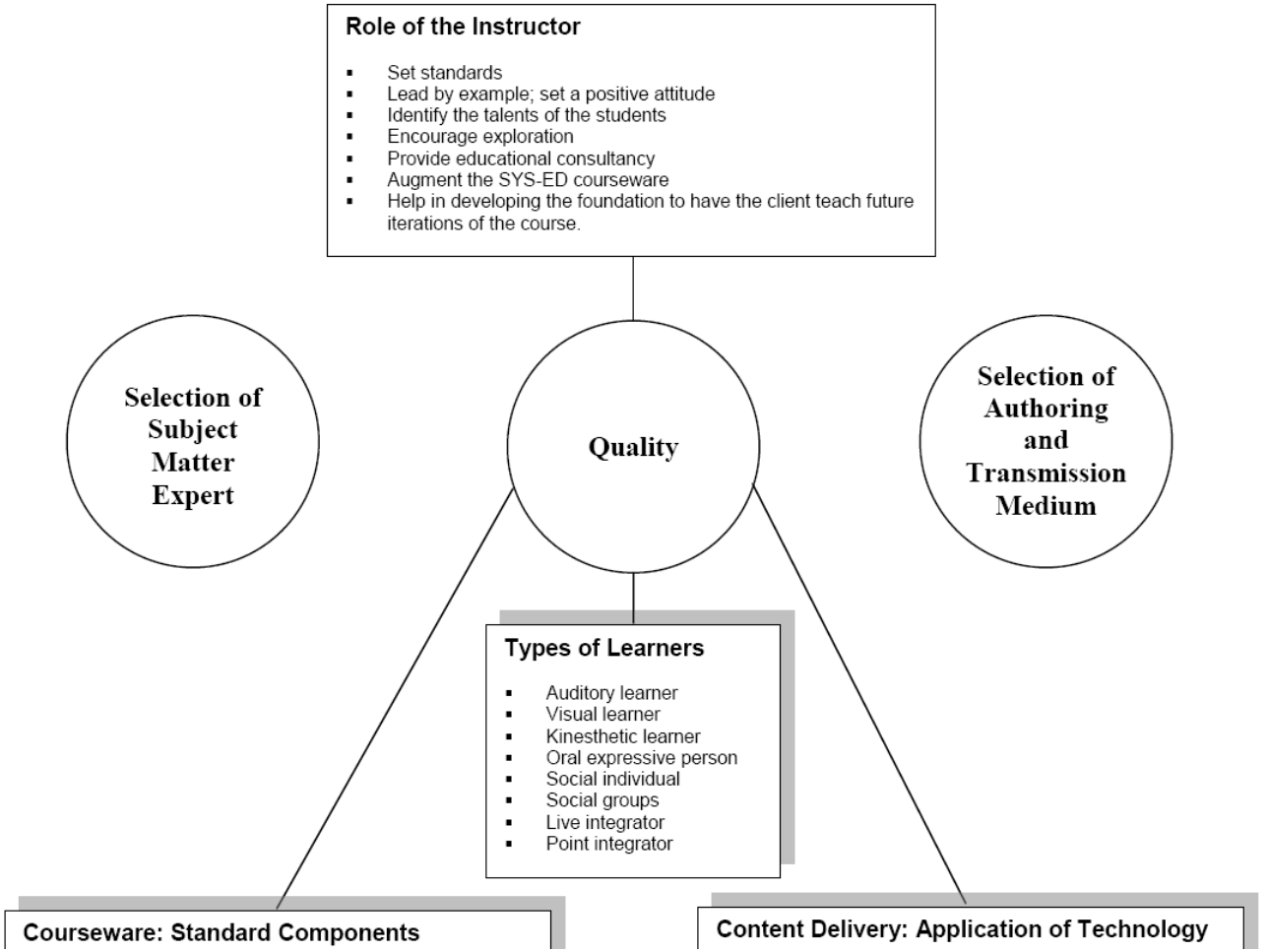
December 14, 2003

Instructor Training Program - 3



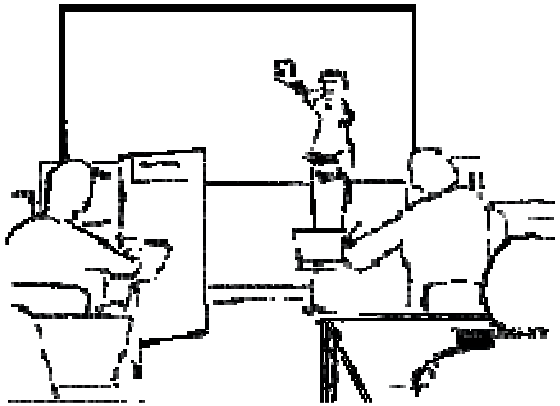


Web Enabled Training - "Professional Training Service"



Web Enabled Training - Subject Matter Experts

SYS-ED system consultant instructors are subject matter experts who teach in distance- and e-learning virtual classrooms.



SYS-ED Websites

- SYS-ED categorized and software specific websites provide:
  - A course search engine for researching titles, subject matter, and delivery medium.
  - Emerging trends
  - Learning paths.
  - Explanations, inclusive of hyperlinks to technology assessments and interrelated software.
  - Courseware frameworks.
  - Answers to questions.
  - E-mail support for submitting information technology questions.

Submitting Information Technology Questions

Organizations are welcome to submit information technology questions to SYS-ED staff and technology partners.

From www.computeredtech.com, use the Advanced Search to access the form:

http://www.computeredtech.com/CourseSearch/SearchAdvanced.asp