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Linda M. Lyons

Summary

I am an energetic, ambitious learning facilitator with over 16 years teaching experience combined with 15 years experience in computer science and business. My major strengths are in the areas of facilitation, communication, organization, and team building.

Education

Ph.D., Interdisciplinary Studies in Education (Summer, 2008), Colorado State University

Research topic: A Quantitative Analysis Of The Integration Of Music With Reading Concepts To Improve Academic Scores Of Elementary Students

Master of Education, Instructional Leadership (1996), Colorado State University

- Career & Technical Education Credential, Computer Science
- Teaching License, Secondary Mathematics
- Developed “at-risk” training module for secondary teachers.

B.S. Computer and Management Science (1988), Metropolitan State College, Denver, CO
Graduated Summa Cum Laude, National Computer Science Award, Colorado Scholars Award, and Honor Society.

Professional Courses: Kepner-Tregoe Project Management, Assertive Communication, Situational Negotiation Skills, Data Communications/Networking Seminars, Mini-Society Workshop, Baseline training (drug/alcohol abuse program), EQUALS Mathematics Workshop, Applied Academics.

Teaching Experience

Program Coordinator / Curriculum Specialist (1996-Present), Colorado State University

Deliver technical assistance, teacher in-services and workshops on Applied Academics, School-to-Career, Integration of CTE and Academic Curriculum. Manage the Teacher Authorization Program, providing Career and Tech Ed teachers (both post-secondary and secondary), with necessary classes and assistance to become credentialed.

- Deliver on-campus courses such as ‘ED530 Educational Technology’, and ‘VE601 Philosophy of Workforce Education’.
- Co-developed and delivered integrative “Math-in-CTE” training for a study conducted by the CTE National Research Center at the University of Minnesota (see <http://cehd.umn.edu/nrccte/>).
- Coordinated the Tech Prep program and conducted statewide longitudinal research regarding the impact of Tech Prep initiatives at secondary and post-secondary institutions.
- Created partnerships within the automotive industry to develop and deliver workshops for teachers.

Teacher, Math and Pre-Algebra (1993-1994), Bill Reed Middle School, Loveland, CO

- Set up and facilitated a classroom “Mini-Society”, teaching math in a contextual setting.

Workshops & Presentations

- Achieving Educational Goals Workshop (Colorado State University, Aims Community College)
- Contextual Teaching and Learning Workshops (statewide)
- Math-in-CTE Workshop (Colorado and Oregon)
- Integrating Academics with CTE (Automotive) Curriculum Workshop (Denver, CO)

- Applied Mathematics Workshop (statewide)
- Applied Economics Workshop (statewide)
- “Integration of Standards” (presentation, Reno, NV, 2001)
- “11 Years of Tech Prep Research” (national presentations including: NTPN Conference in Cincinnati, OH, 2002; NACTE Conference, 2002; AVIA Conference, 2001; and various state conferences, 1998-2002)

Computer Science Background

Member of Marketing Staff (1988-1991), Hewlett Packard
Greeley Hardcopy Division, Greeley, CO
Information Networks Division, Cupertino, CA

Developed and delivered technical training: networking software (MAP); ScanJet hardware and software; LaserJet Fax hardware and software.

- Designed and co-produced a computer-based tutorial that could be leveraged by several other divisions, reducing training costs \$40,000 per division.
- Initiated teamwork among departments to leverage training materials and expertise, thereby reducing duplication efforts.
- Cultivated a more cohesive national training team while on the networking project by providing leadership.

Technical Consultant (1986-1988), Denver, CO
NBI and Platt Business College

- Adult training and career rehabilitation.
- Database systems design.

Quality Assurance Programmer (1984-1986), Hewlett Packard
Information Resources Operation, Denver, CO

System Manager (1982-1984), Hewlett Packard
Information Resources Operation, Denver, CO

Computer Operator (1980-1982), Shelby Mutual Insurance Co.

Computer Operator (1979-1980), Peabody Galion

Data Entry Operator (1976-1979), Peabody Galion

Grants and Publications

U.S. Department of Education (2001-2002). OVAE Grant (through MPR). *Teacher preparation, Career and Technical Education*. (Co-PI).

U.S. Department of Education (1996-2001), Tech Prep Grant, State of Colorado, \$150,000 (Co-PI).

- Reports on research findings;
- *Best Practices* manual of integrated techniques;
- Brochures for presentations and conference literature.

Math-in-CTE Training Manual (2003), National CTE Research Center, University of Minnesota.

Ten Years of Tech Prep In Colorado – Is It Working? (2001), Article for NTPN newsletter.

VE 471 Orientation Course Packet, VE 472 Classroom Management Course Packet, VE 473 Communication Strategies Course Packet (1996, 2004, 2007), Teacher Authorization Program.

ScanJet Technical Training Manual (1990), *LaserJet Fax Technical Training Manual* (1991), Hewlett Packard.

Community Service

- Co-chairperson for Hewlett Packard's Cupertino Site United Way campaign.
- Coordinator of the annual Hour for Peace.
- Group facilitator for Fisher Divorce Adjustment and Personal Growth Seminar.
- Teacher of Economics to 4th, 5th, and 6th-grade students.
- Court Designated Child Advocate.
- Girl Scout Leader.
- Caregiver at Madeline Collishaw Respite Center for children with disabilities.
- Vocalist and Songleader.