


KATHERINE SENKO, D. ED.

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PROFILE: VETERAN INSTRUCTIONAL DESIGNER

Resourceful and technologically savvy professional with a strong background in analyzing, designing, developing, and evaluating learning solutions to solve business needs and set performance objectives. Expert in conducting job and task analysis, identifying skill gaps and developing learning objectives aligned to business objectives. Ability to identify best media, technology and methodology to maximize performance. Expert knowledge in instructional design techniques and adult learning theory. Thought leader and team player with proven results in curriculum development and overall measures of system effectiveness.

Key Competencies

Instructional Design
Learning Strategies
Project Management
Training & Development

Content Development
Research & Data Analysis
Executive Presentations
Media Delivery Aids

Curriculum Development
Adult Learning Theory
Leadership Development

EMPLOYMENT HISTORY

Academic Coordinator; Computing at Carnegie Mellon, Carnegie Mellon University – Pittsburgh, PA 6/2018 to Present
Assess learning and business needs, developing instruction according to ADDIE model, monitor effectiveness and adjusting technique based on summative assessment. Highlights include:

- ▶ Established as point of contact for identifying at-risk students and then collaborating with stakeholders to find solutions.
- ▶ Spearheading efforts to revolutionize teaching assistant training program so that it is robust, relevant, and impactful for target audience.

Consultant; Graduate Nurse Training, Allegheny Health Networks – Pittsburgh, PA 6/2014 to 9/2014
Conceived, planned and rolled-out fully integrated curriculum for Graduate Nurse Residency course and Graduate Nurse Preceptor course. Identified areas for opportunity and then collaborated with SMEs, healthcare executives, and nurses to create a holistic program. Highlights include:

- ▶ Program recommendations approved and fully adopted by 5 hospitals. Continues to be in use.
- ▶ Recognized for program exceeding standards of accreditation.

Founder / Instructor; International School of Academic Excellence – Cafayate, Argentina 10/2012 to 5/2014
Founded a school in under-served area of Argentina. Recognized for expertise in need assessment, curriculum design, content creation, ongoing and final assessments. Led efforts to create instruction that exceeded industry standards and delivered on student's needs. Supported program administration, mentored teacher, and counseled students. Spearheaded innovation including personalized instruction through integration of creative role-playing exercises on problem-solving with real world applications. Highlights include:

- ▶ Created highly innovative programming including designed a course on creating and commercializing a product. Guided students through the business process. Resulted in creating the will in students to brainstorm business ideas and then plan and execute accordingly in order to generate money to improve their living standards.
- ▶ Created a community of stakeholders highly invested in success of school and students. Resulted in all students graduating and continuing to pursue educational programs.
- ▶ Took ownership of students' success. Identified student with dyslexia and then created a customized program to address disability resulting in student's successful graduation. Additionally, provided support system for student which resulted in student advancing to A-level preparatory school in Oxford, England.

Expert Consultant; Aviation / Curriculum Developer; Turbo Teams, Inc. – London, UK 1/2001 to 1/2010

Designed, developed, implemented, evaluated and updated entire Crew Resource Management course. Aligned cross-functional teams in order to deliver a superior standard of service for major airline. Delivered “Train the Trainer” workshops according to ICAO standards to certify CRM instructors. Highlights include:

- ▶ Interviewed SMEs, documented training conditions, and collaborated on several high-end aviation projects for a consultancy group delivering proficiency-based training.
- ▶ Conducted task analysis and devised curriculum for an international charter jet company using ADDIE instructional design model.

Additional experience includes: **AQP Designer, CBT Specialist / AQP Developer, and Science Instructor**

EDUCATION

Doctor of Education, Educational Leadership – University of Phoenix, Online

Master of Science, Secondary Education – Duquesne University, Pittsburgh, PA

Bachelor of Science, Psychology and Biology – Saint Mary’s College, Notre Dame, IN

ACCREDITATION

Association for Talent Development Certification (ATD) as **Associate Professional in Talent Development (APTD)**

Certified expertise in instructional design, training delivery, and learning technologies

NOTES

Published article in Faculty Focus Online, February, 2019, “Preparing the Teaching Assistant for the Job”