

Terry L Rosen

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Educational Design and Quality

2024- Hamilton Middle School, Denver CO

Teacher - STEM - Curricular focus on Flight&Space and Business.
I Applied extensive differentiation to meet the varied needs of students.

2022-2023 – Integrated Packaging Solutions, Golden CO

Professional curriculum development team lead for industry training including content
R&D, lesson development, training plans, SOPs, video content and CAD model animation

2022 – Elementum3D, Erie CO

Consultant/trainer - Directed Gage R&R testing and quality training to all employees

2019-2022 - DC 21 - Denver Center for 21st Century Learning, Denver CO

Teacher - CTE Business, Financial Algebra, Entrepreneurship
Developed pilot program for Six Sigma Yellow Belt training
Certified students in school year 2021-2022, Yellow and Green belts
Promoted Six Sigma certification inclusion at district and state levels

2013-2016 - DC 21 - Cont

CTE STEM/Mathematics teacher and CTE Game Design
Co-sponsor of Continuous Improvement Team
Attended first Deming conference specific to education in Seattle, WA
Completed my ASQ Six Sigma Green Belt and ASQ Quality Engineer certifications

2016-2019 – Boulder TEC, Boulder CO

CTE Multimedia and business - Co-taught construction and welding CAD program
Developed pilot course approval for Sound Design

2000-2008 Niwot High School, Niwot CO

Applied Technology Teacher - Quality initiatives saving \$20,000
Led development of the St. Vrain Valley Schools' Applied Technology Standards

2007 Paxton Patterson, Chicago IL - Instructional Designer

Integrated STEM curriculum for Alternative Energy and Environmental Science

Quality Employment Outside of Education

2010 LEGO – NetDevil, Louisville CO

Quality Assurance Engineer for LEGO Universe - Analysis of process and software quality, including sound, visuals, animation, database accuracy, localization (US), print media GDP, and project introduction of online Scrum team management systems

2013 Medtronic, Louisville CO

Quality Assurance - Contract - Supplier quality assurance for medical product manufacturing including inspecting, testing and evaluating the precision and accuracy of products and equipment, acceptance sampling, GDP review, rejected equipment returns, ISO compliance

Certifications

CQE, Certified Quality Engineer (ASQ), **CSSGB**, Certified Six Sigma Greenbelt (ASQ)
LAPM, Lean and Agile Project Manager (SSD Global)

Quality/Continuous Improvement - Summary

1991 - Formal introduction to quality and production management - Introduced to Kaizen
1997 - 2009 - Completion of masters in education. Thesis topic - Quality Improvement in Technology
2010 - Performed Quality Assurance with LEGO Universe video game project in Louisville, CO.
2013 - Performed Quality Assurance with Medtronic, a medical supply company
2013 - 2022 - Implemented classroom and building initiatives for Continuous Improvement incl.
Development of high school Six Sigma training for certification
2022 - 2023 - Consultant PT for Elementum3D in Erie, CO. SPC and training development for quality
2022 - 2023 - Curriculum Development Lead for Integrated Packaging Solutions including SCORM
compliant audio/video/CAD/animation content for international manufacturing training
2005 - 2023 - Various seminars and training in quality primarily principles of Dr. W Edwards Deming

Presentation Design and Delivery

Master educator (26 years) and instructional designer, in person and online, video lessons
Certified instructor of Parenting/Teaching with Love & Logic
CAD and animation development
Certified in Adobe Captivate and SCORM

Education and Training

MA Education, Diverse Learner, University of Phoenix, 2002
Thesis: Implementation of Quality Improvement Systems in Education
BS Game and Interactive Media Design, Art Institute of Pittsburgh, 2011
Continued study of interactive media, graphic arts, and application development
BS Criminal Justice, Minor in Human Resources, Metropolitan State College, Denver CO
Graduate Studies in Quality/Production Management, UCD

Technology Summary

LMS/LCMS Systems WebCT, eCollege, Desire2Learn, Articulate and Captivate, SCORM
Programming C++, Java, Javascript, software testing, Agile, SCRUM
Graphic Design Incl. Adobe Premier, Audition, Captivate, Corel Suite(24 years), Articulate, Camtasia
3D Modeling 3D Studio Max, Solid Works, Solid Works Composer, 3D printing

State of Colorado Teaching Credential - (thru 2028)

Mathematics, Business, Information Technology, Technology Education, Gifted and Talented,
Audio/Film, Visual and Design Arts