

# Engin Tuncer

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Permanent Resident

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## Objective

Doctoral candidate (Ph.D. in Global Leadership) and experienced quality and operations leader with a proven history of designing and delivering adult learning programs, mentoring engineers and early-career researchers, and developing graduate-level curricula and training. Merges industry experience in high-tech manufacturing (lithium-sulfur batteries, automotive quality) with scholarly achievements (books, patents, conference presentations) and a strong commitment to inclusive, student-centered teaching for adult learners in remote and virtual settings. Aiming for an Adjunct Faculty position in Graduate Business & Management to teach leadership, strategy, and research methods, while guiding and mentoring graduate students.

## Teaching & Curriculum Development

- Designed and delivered instructor-led corporate training programs on leadership, quality systems (ISO 9001 QMS), root-cause analysis (8D/RCA), and DFMEA at Lyten and Tesla for multidisciplinary adult learners.
- Developed instructor materials, assessment rubrics, workshops, case studies, and hands-on exercises that promote active learning, critical thinking, and practical application to real organizational challenges.
- Skilled in both synchronous and asynchronous teaching formats, moderating discussion boards, holding virtual office hours, and providing prompt assessments and feedback.
- Mentored junior engineers, technicians, and cross-functional teams; coached employees on research practices, experimental design, and technical writing.
- Academic teaching interests include: Leadership Theory (transformational, servant, authentic), Organizational Strategy, Research Methods (qualitative & mixed methods), and supervising Graduate Capstone/Doctoral Projects.

## Lyten, San Jose, CA

Director, Quality Assurance | Nov 2021 – Present

- Lead quality and organizational development initiatives across R&D and pilot production; integrate leadership development into operational training programs.
- Develop curriculum and deliver training on leadership principles, data-driven quality tools, and professional competencies for adult employees.
- Oversee KPI monitoring, trend analysis, and corrective action processes to support ongoing improvement and student/learner outcomes in corporate training programs.

## Tesla, Fremont, CA

Quality Engineering Supervisor | Jan 2020 – Nov 2021

- Delivered workshops and applied active learning techniques to teach DFMEA, failure analysis, and reliability testing to engineers and technicians.

### **Formac LLC, San Carlos, CA**

Cofounder | Aug 2018 – Jan 2020

- Led product qualification and created training modules for global manufacturing partners; managed technical documentation and reliability training.

### **Arkas S.A., Istanbul, Turkey**

Quality Director | Sep 2011 – Aug 2018

- Directed international teams, emphasizing cultural competence and leadership development.
- Designed and led internal leadership training across multiple countries.

Safety and Quality Manager | Mar 2006 – Aug 2011

Quality Engineer | Sep 2002 – Mar 2006

### **Education**

- Ph.D. in Global Leadership (in progress) — Indiana Tech (Expected 2029)  
*Doctoral coursework and applied research focused on followership, leadership co-creation, and qualitative methods (RES 7000 series).*
- M.S., Organizational Leadership (With Honors) — Indiana Tech, 2023
- CNC Programming Certification (With Honors) — San Jose City College, 2021
- B.S., General Science (With Honors) — Dokuz Eylul University, 2002

### **Selected Skills & Technical Tools**

- Instruction & Curriculum: Active learning methods, syllabus and rubric design, assessment of adult learners, discussion facilitation, virtual office hours.
- Research Methods: Qualitative design (interview, thematic analysis), literature review synthesis, survey design, data interpretation.
- Quality & Analytics: DFMEA, RCA/8D, HALT/ALT, SPC, Weibull/RBD modeling; JMP, SPSS, Python (basic analytics).
- Digital Tools: MS Office (Word, Excel, PowerPoint), Google Workspace (Gmail, Meet, Chat), Zoom/Google Meet for virtual instruction; quickly adopting LMS platforms (Brightspace, Canvas, etc.).
- Interpersonal: Cross-cultural communication, inclusive pedagogy, mentoring, and support for doctoral students.

### **Teaching Availability & Commitment**

- Available for remote/virtual adjunct assignments (up to 2 courses per term).

- Committed to timely grading, virtual office hours, ADA accommodations collaboration, and engaging adult learners through evidence-based pedagogy.
- Prepared to contribute to curriculum development, faculty governance activities, and ongoing scholarly engagement consistent with institutional expectations.

**Additional Information**

- Two granted patent publications; multiple leadership and technical publications (books); extensive industry experience bridging practice and academic research.
- Willing to submit unofficial transcripts and provide references on request.