The Industrial, Manufacturing and Systems Engineering Department offers a Master of Science with majors in Industrial Engineering, Manufacturing Engineering, and Systems Engineering. Courses of study in the Industrial Engineering major include quality engineering, computer simulation, industrial ergonomics, safety engineering, production and inventory control, and operations research. Areas of study in the Manufacturing Engineering major include design of manufacturing processes, analysis of discrete productions systems, precision engineering, and automation.

The Industrial and Systems Engineering Department also offers graduate certificates in International Manufacturing and a graduate certificate in Systems Engineering. Please contact the department for information on this program.

The Systems Engineering program is offered face to face and fully online.

**Admission Requirements**

Students should consult the Introduction to the College of Engineering section for information on general admission requirements.

**Chair**

Tzu-Liang (Bill) Tseng (http://facultyprofile.utep.edu/default.aspx?ID=btseng)
Contact Information: btseng@utep.edu (mtcortez@utep.edu); 915-747-7990
Education: BS, Tunghai University - Taiwan; MS, University of Wisconsin - Madison; MS, University of Wisconsin - Madison; Ph D, University of Iowa

**Professor**

Tzu-Liang (Bill) Tseng (http://facultyprofile.utep.edu/default.aspx?ID=btseng)
Contact Information: btseng@utep.edu; 915-747-7990
Education: BS, Tunghai University - Taiwan; MS, University of Wisconsin - Madison; MS, University of Wisconsin - Madison; Ph D, University of Iowa

**Associate Professor**

Luis Contreras Sapien (http://facultyprofile.utep.edu/default.aspx?ID=lrcontreras)
Contact Information: lrcontreras@utep.edu; 915-747-7098
Education: BS, Instituto Tecnológico de Chihuahua; MS, Instituto Tecnológico y de Estudios Superiores de Monterrey; MS, Kansas State University; Ph D, Kansas State University

Jose Espiritu Nolasco (http://facultyprofile.utep.edu/default.aspx?ID=jfespiritu)
Contact Information: jfespiritu@utep.edu; 915-747-5735
Education: BS, Instituto Tecnológico de Zacatepec; MS, Instituto Tecnológico de Celaya; MS, Rutgers, The State University of New Jersey; Ph D, Rutgers, The State University of New Jersey

Eric Smith (http://facultyprofile.utep.edu/default.aspx?ID=esmith2)
Contact Information: esmith2@utep.edu; 915-747-5205
Education: BS, University of Arizona; MS, University of Arizona; Ph D, University of Arizona; JD, Northwestern California University

Heidi Taboada Jimenez (http://facultyprofile.utep.edu/default.aspx?ID=hataboada)
Contact Information: hataboada@utep.edu; 915-747-5734
Education: BS, Instituto Tecnológico de Zacatepec; MS, Instituto Tecnológico de Celaya; MS, Rutgers, The State University of New Jersey; Ph D, Rutgers, The State University of New Jersey

**Assistant Professor**

Sreenath Chalil Madathil (http://facultyprofile.utep.edu/default.aspx?ID=schalil)
Contact Information: schalil@utep.edu; 915-747-6564
Education: BS, Mahatma Gandhi University; MS, Clemson University; Ph D, Clemson University

Amit Lopes (http://facultyprofile.utep.edu/default.aspx?ID=ajlopes)
Contact Information: ajlopes@utep.edu; 915-747-5958
Education: MS, The University of Texas at El Paso; Ph D, The University of Texas at El Paso

Sergio Luna (http://facultyprofile.utep.edu/default.aspx?ID=salunafong)
Contact Information: salunafong@utep.edu; 915-747-8686
Education: BS, The University of Texas at El Paso; MS, The University of Texas at El Paso; Ph D, Stevens Institute of Technology
Programs

Master of Science

• M.S. in Industrial Engineering (http://catalog.utep.edu/grad/college-of-engineering/industrial-manufacturing-systems-engineering/industrial-engineering-ms/)
• M.S. in Manufacturing Engineering (http://catalog.utep.edu/grad/college-of-engineering/industrial-manufacturing-systems-engineering/manufacturing-engineering-ms/)
• M.S. in Systems Engineering (http://catalog.utep.edu/grad/college-of-engineering/industrial-manufacturing-systems-engineering/systems-engineering-ms/) (face to face and fully online)

Certificate

• Graduate Certificate in International Manufacturing Engineering (http://catalog.utep.edu/grad/college-of-engineering/industrial-manufacturing-systems-engineering/international-manufacturing-engineering-graduate-certificate/)
• Graduate Certificate in Systems Engineering (http://catalog.utep.edu/grad/college-of-engineering/industrial-manufacturing-systems-engineering/systems-engineering-graduate-certificate/)

The University of Texas at El Paso
College of Engineering
Industrial, Manufacturing & Systems Engineering
Engineering Building, Room A-130
500 W University
El Paso, Texas 79968

Phone: 915.747.5752
Email: imse@utep.edu
Visit Department Website (https://www.utep.edu/engineering/imse/)