

# Michael Magill

College of Engineering  
414 N Meridian St  
Box 6168  
Newberg, OR 97132

## Technical Interests

Areas of technical expertise include: Solid Mechanics, Mechanics of Materials, Fatigue and Fracture Mechanics, Applied Structures, Structural Inspection, Finite Elements, Computer-aided Analysis

## Degrees

- 1980, Bachelors of Science, Mechanical Engineering, Oklahoma State University, Stillwater, OK
- 1988, Masters of Science, Mechanical Engineering, Oklahoma State University, Stillwater, OK
- 1995, Ph.D., Civil Engineering, Oklahoma State University, Stillwater, OK

## Academic Experience

- 2002–, Professor, Mechanical Engineering, George Fox University, Newberg, OR
- 1995–2002, Department Head and Professor, Mechanical Engineering Technology, Purdue University, West Lafayette, IN
- 1986–1995, Professor, Division of Engineering Technology, Oklahoma State University, Stillwater, OK

## Courses Taught

- Applied Fatigue and Fracture Mechanics
- Applied Strength of Materials
- Applied Strength of Materials Lab
- Statics & Dynamics
- Machine Dynamics and Vibrations
- Machine Elements
- Machine Design I
- Computational Methods
- Computer Systems for Technology
- Machine Tool Practices

- Manufacturing Processes Lab
- Materials Testing
- Computer-Aided Analysis
- Technical Drawing
- Computer Integrated Manufacturing Lab

### **Industrial & Business Experience (4 years)**

- Department of Interior, Structural Engineer/Project Supervisor, Denver, CO
- Department of Interior, Computer Analyst, King Salmon, AK
- Amoco Production Company, Production Systems Engineer, Denver, CO

### **Professional Registrations**

- Registered Professional Engineer in the State of Indiana
- Registered Professional Engineer in the State of Oklahoma

### **Professional Memberships**

- Technology Accreditation Commission of Accreditation Board for Engineering and Technology (TAC-ABET) — MET Program Evaluator
- American Society of Mechanical Engineers (ASME) — Past National Chair for MET Department Heads Committee (METDHC); Board on Engineering Education (BEE)
- American Society for Engineering Education (ASEE) — Past Chair of Mechanics Division
- Society of Manufacturing Engineers (SME) — Formerly Faculty Advisor for 10 Years
- American Society of Civil Engineers (ASCE)

### **Awards and Honors**

- 2006 Undergraduate Teacher of the Year, George Fox University
- 1998 MET Outstanding Undergraduate Teacher, Purdue University
- 1997 SOT Outstanding Non-tenured Faculty Award, Purdue University
- 1997 MET Outstanding Non-tenured Faculty Award, Purdue University
- 1997 MET Outstanding Undergraduate Teacher, Purdue University
- 1995 Outstanding Teacher Award, Midwest Region of the American Society of Engineering Educators
- 1994 Excellent Teacher Award, Oklahoma State University, College of Engineering, Architecture, and Technology

- 1992 NPS Fast Track Award (Engineering/Construction Division of National Park Service)
- 1991 Excellent Young Teacher Award, Oklahoma State University, College of Engineering, Architecture, and Technology

### **Interests and Activities**

Running marathons, bicycling, backpacking, adventure, and especially my wife and three children.