

PERSONAL INFORMATION

Elena Eftimie



✉ eftimie@unitbv.ro

Sex Female | Date of birth February 6th, 1969 | Nationality Romanian

WORK EXPERIENCE

- 2006-present **Professor - PhD supervisor in Mechanical Engineering**
 Transilvania University of Braşov , Bd. Eroilor 29, 500036 Braşov (www.unitbv.ro)

 - Doctoral leadership

Business or sector Higher Education
- 1992-present **Assistant (1992), Lecturer(1999), Senior Lecturer (2003), Professor (2006)**
 Transilvania University of Braşov , Bd. Eroilor 29, 500036 Braşov (www.unitbv.ro)

 - Teaching and research in mechanical engineering

Business or sector Higher Education

EDUCATION AND TRAINING

- 2002 **Postgraduate degree**
 Transilvania University of Braşov , Bd. Eroilor 29, 500036 Braşov

 - Specialisation: Applied Computer Science in Engineering
- 1996-2000 **Doctor Engineer (MAGNA CUM LAUDE)**
 Transilvania University of Braşov , Bd. Eroilor 29, 500036 Braşov

 - Principal subjects/occupational skills covered: Field of Mechanical Engineering
 - Researches concerning the functional performances of the safety intermittent automatic clutches
- 1987-1992 **Engineer**
 Transilvania University of Braşov , Bd. Eroilor 29, 500036 Braşov

 - Industrial Manufacturing Engineering Faculty, Specialisation: Industrial Manufacturing Engineering

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Organisational / managerial skills

Ability to coordinate teams and manage research projects / grants obtained through competition:

- 2006-2007: Project Manager, Research Grant CNCSIS, type A, code CNCSIS 401, "Mathematical modelling and functional simulation of the safety clutches"

Job-related skills	Technical skills and competences <ul style="list-style-type: none">▪ Mechanical Transmissions, Information Technology, Climatological Parameters Modelling (Solar Radiation), Building energy Simulation
Digital competence	Databases Management (Visual FoxPro), Programming Delphi, Graphs, Simulation and Animation (AutoCAD, 3ds Max), Building Energy Simulation (Trnsys), MS Office

ADDITIONAL INFORMATION

Publications	<ul style="list-style-type: none">▪ Organisations: member of scientific organisations from Romania (Romanian Association of Mechanisms and Machines Science - ARoTMM; Romanian Association of Mechanical Transmission - ROAMET)▪ Mobility in the frame of TEMPUS JEP 3077-94 – “Program for Developing the Teaching of Computer Aided Engineering and Robotics”, Heriot-Watt University from Edinburgh, United Kingdom, 1.02.1995 – 1.06.1995<ul style="list-style-type: none">▪ Academic Project: The Development of AutoCAD as a Teaching Tool .▪ Lectures for industrial partners: "Total Quality Management" and "The Goal - a New Way of Thinking about Manufacturing Management"▪ Teaching Professor, 6-17 July, RESchool 2009, Technological Educational Institute of Crete, Chania, Greece▪ Plenary Speaker, Turbidity Determination using Solar Broadband Models, 3rd International Conference on ENVIRONMENTAL and GEOLOGICAL SCIENCE and ENGINEERING (EG '10), Constanța Maritime University, Constanța, Romania, 2010
Presentations	
Projects	
Conferences	
Seminars	
Honours and awards	
Memberships	
References	
Citations	
Courses	
Certifications	

ANNEXES

- List of representative publications