



**Catalin
Croitoru**

DATE OF BIRTH:

12/12/1983

CONTACT

Nationality: Romanian

Gender: Male



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WORK EXPERIENCE

28/02/2017 – CURRENT – Brasov, Romania

Associate Professor

Transilvania University of Brasov

Teaching activities (courses and laboratories) for the disciplines: Materials Science, Ecological Materials for Welding, Research Project Management, Radiation Protection in Industry, Statistical Control of Processes and Accidents.

Research activities in the field of materials engineering and industrial engineering

23/02/2015 – 28/02/2017 – Brasov, Romania

Lecturer

Transilvania University of Brasov

Teaching activities (courses and laboratories) for the discipline of Materials Science and Technology

Research activities in the field of materials engineering

EDUCATION AND TRAINING

01/10/2015 – 25/06/2017 – Brasov, Romania

Master's degree

Transilvania University of Brasov

EQF level 7

01/06/2010 – 31/05/2013 – Brasov, Romania

Postdoctoral researcher

Transilvania University of Brasov

EQF level 8

01/10/2006 – 22/11/2019 – Brasov, Romania

PhD in Materials Engineering

Transilvania University of Brasov

EQF level 8

01/10/2002 – 30/06/2006 – Brasov, Romania

Licensed in Physics and Chemistry

Transilvania University of Brasov

EQF level 6



LANGUAGE SKILLS

MOTHER TONGUE(S): Romanian

OTHER LANGUAGE(S):

English

Listening
C2

Reading
C2

**Spoken
production**
C2

**Spoken
interaction**
C2

Writing
C2

German

Listening
A2

Reading
A2

**Spoken
production**
A2

**Spoken
interaction**
A1

Writing
A2

DIGITAL SKILLS

Microsoft Office

ORGANISATIONAL SKILLS

Job-related skills

- Obtaining and characterizing polymeric and composite materials;
- Obtaining and characterizing organic, metallic and hybrid coatings and films;
- Characterization of advanced oxidation processes (photocatalysis);
- Techniques for materials characterization;
- Determining and quantifying the health hazards resulting from industrial processes;
- Coordination of three national and international research grants;
- Expert evaluator of the Executive Unit for the Financing of Higher Education, Research, Development and Innovation (UEFISCDI);
- Permanent Editor of the Journal of Materials Science (Springer) and guest editor of the Journal Materials Today: Proceedings (Elsevier).