



**Catalin  
Croitoru**



## CONTACT

Nationality: Romanian

Gender: Male



[Redacted address information]



[c.croitoru@unitbv.ro](mailto:c.croitoru@unitbv.ro)



[Redacted phone number]

## 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 (UEFI-SCDI);
- Permanent Editor of the Journal of Materials Science (Springer) and guest editor of the Journal Materials Today: Proceedings (Elsevier).