



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Trinity Micro-credentials Spatial Audio



Riailtas na hÉireann
Government of Ireland



Micro-credentials are a new and exciting academic offering from Trinity College. They are short, accredited learning experiences that facilitate flexible and innovative professional development and lifelong learning.

Is it for me?

This micro-credential will allow audio practitioners to upskill to new audio formats and standards used in media such as VR, AR, and 360 video, and new spatial audio streaming formats such as Dolby Atmos, utilising spatial audio recording and analysis techniques for acoustic engineering and analysis.

How is it delivered?

In this micro-credential you will attend weekly 2-hour lectures for 12 weeks. These will be classroom based due to the significant practical component.

What will I do?

This micro-credential will include the theory and practice of various spatial audio techniques, using both lecture style presentations, listening sessions with various spatial audio content, and practical, studio-based tutorials.

Key Dates:

Course starts: **22nd January 2024**

Applications close date: **17th December 2023**

How much does it cost? €1530

What will I learn?

This micro-credential addresses the fundamental psychoacoustics behind techniques such as stereophony, Ambisonics, and binaural to reveal how they function, and importantly their relative strengths and limitations.

In addition, the practical production of audio content using these techniques will be addressed using a variety of different tools and applications. Finally, the use of spatial audio techniques for acoustics analysis and engineering will also be examined using a variety of practical examples.

Credit Value

The credit value of this micro-credential is 5 ECTS. The European Credit Transfer System is a commonly used credit system, recognised by Trinity and by awarding bodies across the EU and in some other countries.

Assessment

Your learning in this micro-credential will be assessed using authentic assessment that is directly related to your industry.

How do I Apply?

[Apply on our website.](#)

For further information, please email:
micro-credentials@tcd.ie or book a call with us at
<https://bit.ly/32y79ls>