



# Language, Entrepreneurship and Design (LEAD) for STEM





# Language, Entrepreneurship, and Design (LEAD) for STEM

Looking for a summer program that will help you improve your language skills and gain hands-on experience in engineering design and entrepreneurship for STEM? Look no further than the uOttawa Language, Entrepreneurship, and Design (LEAD) for STEM program, offered in collaboration between the University of Ottawa's Faculty of Engineering and the Official Languages and Bilingualism Institute.

This four-week program is designed for university students or working professionals who want to enhance their English language proficiency in the context of design, and entrepreneurship for careers in STEM. You'll receive engaging language training in the mornings, taught by experienced University of Ottawa professors who are experts in the language engineering. In the afternoons, you'll participate in hands-on workshops on engineering design and sessions on entrepreneurship, where you'll gain practical experience and learn from industry leaders.

## Admission Requirements

- A minimal language requirement: IELTS 6.0 or equivalent (General or academic) (For students without IELTS scores or equivalent, testing can be provided by the University of Ottawa)
- A high school diploma



## Who is this course for?

- Learners of English as a Second Language (ESL) pursuing studies or careers in STEM fields who want to enhance their command of English while gaining entrepreneurial competencies in a practical context.
- ESL learners interested in entrepreneurship and keen to apply their language skills within Engineering Design and Entrepreneurship.
- Those keen on technology who want to understand and discuss complex topics like 3D printing, mobile app development, and virtual reality.
- STEM students and professionals wanting to improve their pitching, presentation, and team management skills in English.
- Those aiming to develop critical thinking, problem-solving, and communication abilities in English within a STEM entrepreneurial context.



# Program Components

## Language Immersion for Entrepreneurs in STEM

Enhance your skills for effective communication within the sphere of STEM entrepreneurship and acquire the language skills vital for creating STEM-focused business models, conducting detailed case analyses, and delivering persuasive presentations.

This course will help you build a solid technical vocabulary, and boost your reading and listening comprehension strategies. As part of this immersive experience, you'll interact with real-world STEM entrepreneurial scenarios, which serve as the perfect environment to apply and refine your language skills.

## Oral Communication for Entrepreneurs

This course is designed to boost your confidence and ability to communicate in English by equipping you with the essential tools to discuss key issues and topics related to entrepreneurship in STEM fields. You will engage in guided discussions and presentations, aided by robust language support, and focused on developing your conversation management skills.

The course will also enrich your understanding of North American and International business culture while cultivating intercultural awareness. Your English fluency and entrepreneurial communication skills will strengthen as you participate in spirited debates and discussions.

## Engineering Design and Entrepreneurship Training

Delve into the practicalities of engineering design and entrepreneurship. In this course, you'll actively participate in design thinking, customer discovery, finance, team management, and more. The program integrates sessions on ideation, business modelling, digital marketing, and hands-on experience with technologies such as 3D printing, mobile app development, and virtual reality.

You'll refine your pitching and presentation skills, benefitting from personalized feedback and mentorship. This course equips you with the competencies sought in today's job market by emphasizing critical thinking, problem-solving, and communication. At the conclusion, you'll be primed to generate innovative solutions to complex problems, ready to succeed in the dynamic technological landscape.



# Schedule

Program dates: Summer 2024

*\*Exact dates to be confirmed with partner institutions.*

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:30 - 11:30 a.m.	Language Immersion for STEM Entrepreneurs	Oral Communication for Entrepreneurs	Language Immersion for STEM Entrepreneurs	Oral Communication for Entrepreneurs	Language Immersion for STEM Entrepreneurs
11:30 - 1:00 p.m.	Lunch Break				
1:00 - 4:00 p.m.	Engineering Design and Entrepreneurship Training	Engineering Design and Entrepreneurship Training	Sociocultural Outings	Engineering Design and Entrepreneurship Training	Engineering Design and Entrepreneurship Training

## Fees

Tuition Fee: 3,599\$ CA

- English for Engineering Training: 60 hours
- Engineering, Design, and Entrepreneurship Course: 45 hours
- Sociocultural Outings
- Health Insurance

Accommodation Fee:

- Residence Option (meals not included): 1,456\$ CA
- Homestay Option (meals included): 1,620\$ CA

With a diverse group of fellow students from around the world and experienced instructors who are passionate about language and innovation, uOttawa Language, Engineering, and Design (LEAD) program is the perfect way to gain new skills, make new connections, and experience everything that the University of Ottawa has to offer.

Don't miss this opportunity to develop your language skills and gain valuable experience in engineering, design, and entrepreneurship.

**Apply now for the uOttawa LEAD program!**







## Centre for Language Learning

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