



**Aguascalientes**  
Gente de trabajo y soluciones  
*El gigante de México*  
GOBIERNO DEL ESTADO 2022-2027

**PROUDLY**  
**UTR**

Languages Canada  
Langues Canada



UNIVERSIDAD TECNOLÓGICA  
**EL RETOÑO**



## OUR HISTORY

The Universidad Tecnológica El Retoño began operations in August 2012, with a initial enrollment of 278 students. We currently have an enrollment of 1,000 students.

**We are the first Technological University under de BIS Model: Bilingual - International - Sustainable.**

# OUR EDUCATIONAL MODEL



## BILINGUAL

Our curriculum operates in English & Spanish.  
**Subjects are taught mostly in English by certified teaching staff.**



## INTERNATIONAL

Full command of other languages and acquisition of **global skills will allow our graduates to develop professionally in other countries.**



## SUSTAINABLE

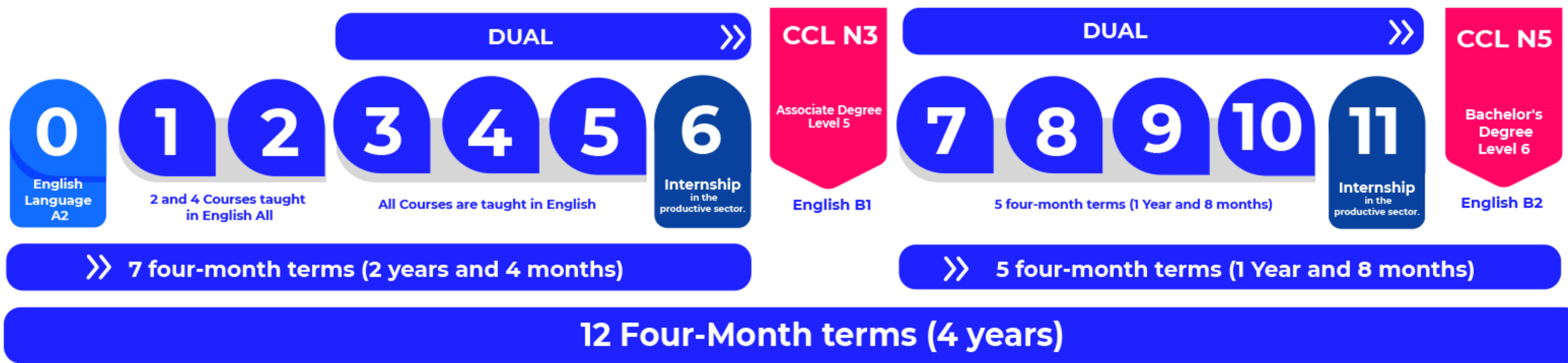
**Promotes a culture of sustainability** through the social awareness of students, addressing the challenges of the environment with comprehensive vision.



### BIS MODEL

It is a unique avant-garde model in Latin America that belongs to the General Direction of Technological and Polytechnic universities.

# HOW WE IMPLEMENT THE BIS MODEL





**Mechatronics**  
Automation Area

**CACEI**

Consejo de Acreditación de la Enseñanza  
de la Ingeniería, A.C.



**Mechatronics**  
Flexible Manufacturing  
Systems Area

**CACEI**

Consejo de Acreditación de la Enseñanza  
de la Ingeniería, A.C.



**IT**  
Development  
of Cross-Platform  
Software Area

**CACEI**

Consejo de Acreditación de la Enseñanza  
de la Ingeniería, A.C.



**Digital Design**  
Animation Area



**English Language**  
Pedagogy



**Business  
Development**  
Marketing Area

**CACECI**



**Business  
Administration**  
Human Capital Area

**CACECI**

**EDUCATIONAL  
OFFER**

ASSOCIATE'S DEGREE



**Business  
Innovation  
Marketing**



**Human Capital  
Management**



**Educational  
Administration &  
Curriculum Management**



**Mechatronics  
Engineering**

**CACEI**

Consejo de Acreditación de la Enseñanza  
de la Ingeniería, A.C.



**IT Software &  
Management  
Engineering**

**CACEI**

Consejo de Acreditación de la Enseñanza  
de la Ingeniería, A.C.

# EDUCATIONAL OFFER

ASSOCIATE'S DEGREE

# ACADEMIES

SIEMENS

ORACLE ACADEMY



SOLIDWORKS



RED HAT ACADEMY

aws academy  
Member Institution

CompTIA



Google Cloud

EC-Council

Networking  
cisco Academy



# INTERNATIONAL MOBILITY



**Objective:** To provide comprehensive internationalization for the students, to complement their education with the necessary skills for a globalized world.



# COLLABORATION WITH CANADA

Participation and attendance at conferences such as Languages Canada, CBIE, CICAN, CONAHEC and BCCIE in Canada since 2017.



International Mobility of more than **150 students** and teachers since 2016 focused on english training and academic purposes in different Canadian universities, colleges and institutions (2016-43, 2017-36, 2018-12, 2019-59, 2020-2, 2021-7, 2022-7, 2023-26).

## Institutions:

**ALGONQUIN**  
COLLEGE

**CENTENNIAL**  
COLLEGE

**CNC** College of  
New Caledonia

**Georgian**

**Lambton**  
College

**St. Lawrence**  
College

**Sheridan**

**Confederation**  
COLLEGE

**University**  
of **Regina**

**Lakehead**  
UNIVERSITY

**UNIVERSITY**  
of **GUELPH**

**UNIVERSITY**  
OF ALBERTA

**TRENT**  
UNIVERSITY

**HeartLand**  
INTERNATIONAL ENGLISH SCHOOL

# COLLABORATION WITH CANADA



International Mobility of **16 students** within the framework of the ELAP Program: Emerging Leaders of the Americas Program.

## INSTITUTIONS



Collaboration with Canadian universities and institutions to provide training to the Ministry of Education of the State of Aguascalientes since 2018, with **81 beneficiaries**.

## INSTITUTIONS



Host of the National Building Bridges Conference in 2017, in collaboration with the University of Regina.



Summer Courses.



Reception of Canadian faculty members for specific projects.



UTR is one of the 4 Mexican allies of MITACS. We act as a hub for the GRI program in the Aguascalientes. We have had 14 beneficiaries of this program since 2021 and 12 more have been selected for this year's program.



Collaboration in Specific Projects with Douglas College starting in 2024.

# SUSTAINABILITY



**WATER  
FILLERS**



**SOLAR PANELS  
IN OUR BUILDINGS**



**GARBAGE  
SEPARATION**



**POLLINATOR  
GARDEN**



**VERMICOMPOST**



**RAIN  
COLLECTORS**



**AGENDA  
2030 CLASS**



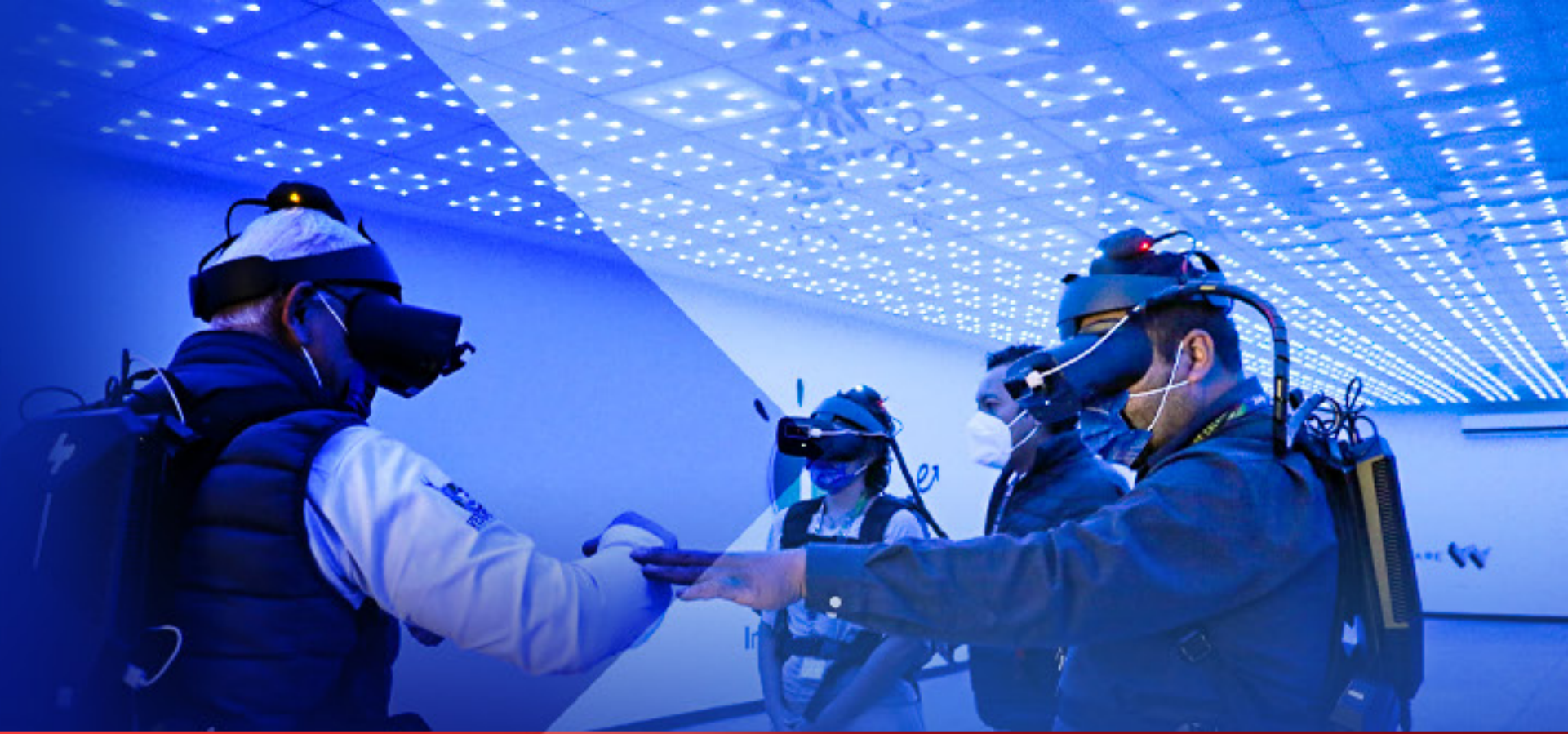
**AWARENESS OF  
GLOBAL SITUATION**



# FACILITIES

# VRCenter

VIRTUAL REALITY CENTER



It is a space of 500m<sup>2</sup>, this Virtual Reality room is based on a technology called VIROO that **makes it possible to create work environments for companies and institutions.**



It was inaugurated on September 10, 2020, **it is the largest and most modern reality center in Latin America.**

# FACILITIES

## INTERNATIONAL MOBILITY UNIT



Created to promote **internationalization** at UTR.



Its main objective is to **encourage cultural exchange among students, teachers and volunteers from other countries.**

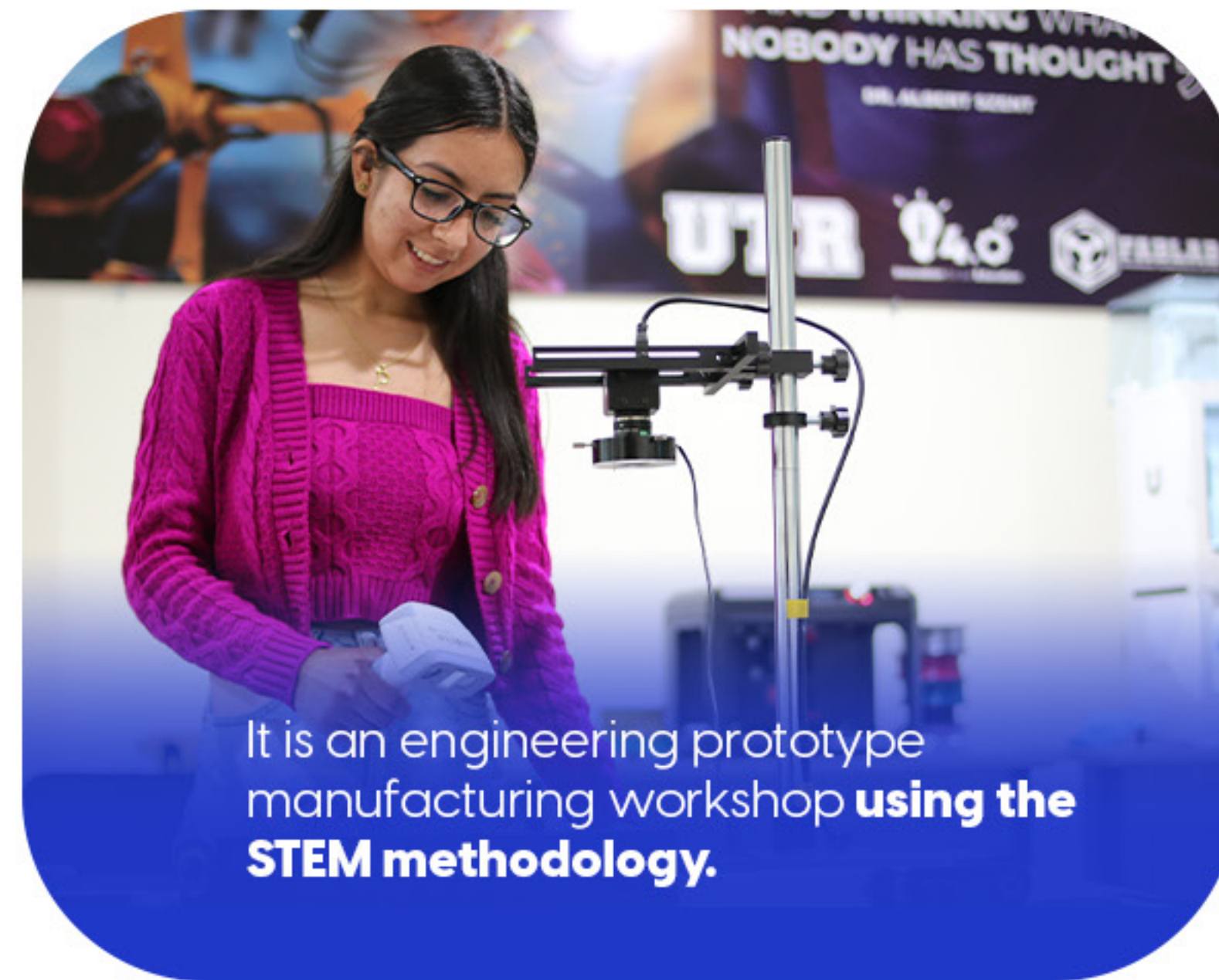
# FACILITIES



**FABLAB**  
UNIVERSIDAD TECNOLÓGICA EL RETOÑO



Specialized careers in **mechatronics and information technologies.**



It is an engineering prototype manufacturing workshop using the **STEM methodology.**

# FACILITIES



CENTRO DE IDIOMAS  
UNIVERSIDAD TECNOLÓGICA EL RETOÑO



- ✓ Inaugurated in 2020 & located in 3 Centurias
- ✓ This Language Center gives the population an opportunity to learn a language of their choice at a very accessible cost



- ✓ English, Japanese, French, German, Sign Language, Portuguese or Italian.

## STUDENTS BY EDUCATIONAL PROGRAM



**ENGLISH**  
1125 STUDENTS



**FRENCH**  
58 STUDENTS



**GERMAN**  
36 STUDENTS



**JAPANESE**  
32 STUDENTS



**ITALIAN**  
15 STUDENTS

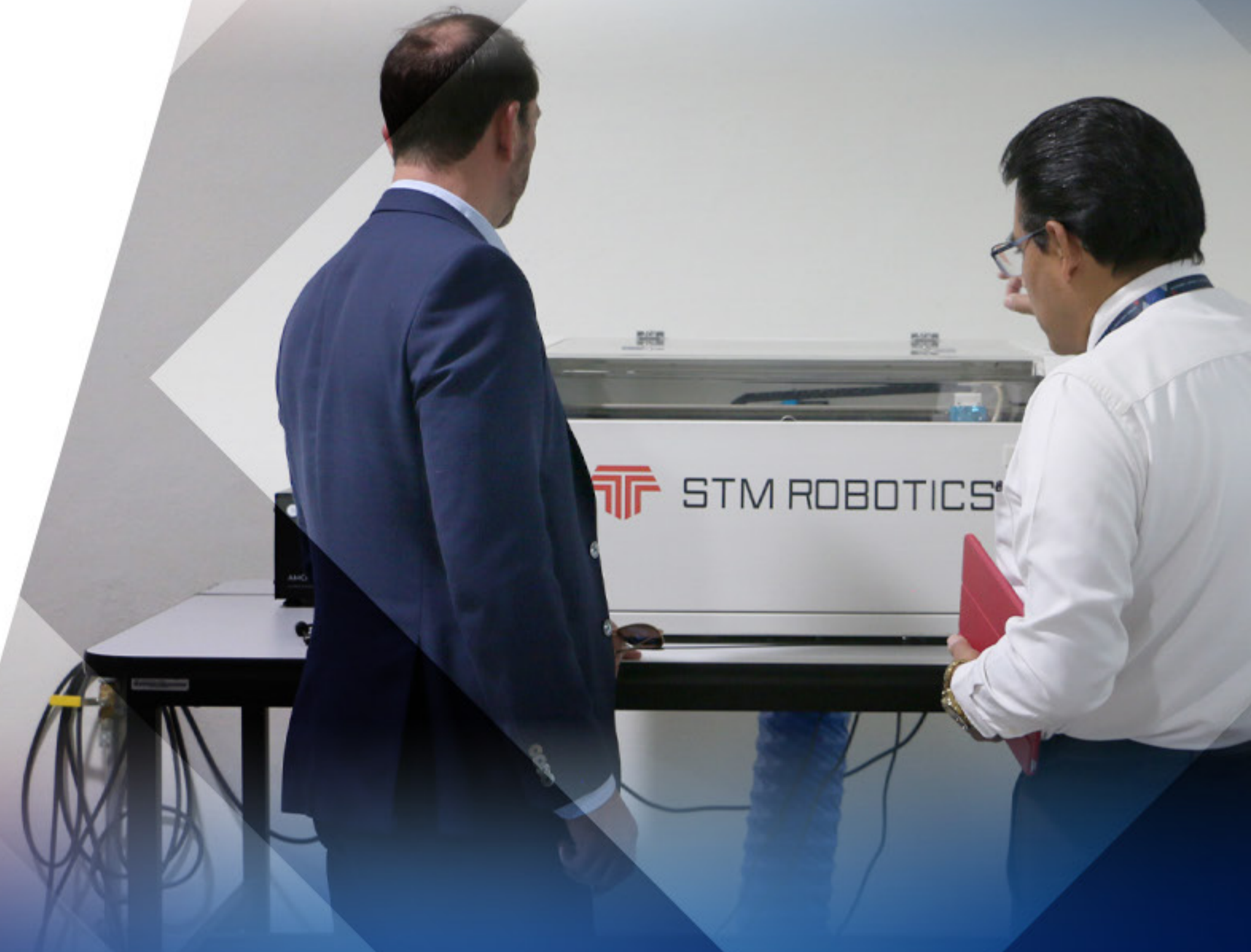


**MEXICAN  
SIGN LANGUAGE**  
13 STUDENTS

**TOTAL: 1279 STUDENTS**

# **AREAS OF COLLABORATION**

- ✓ **Student & Faculty exchange.**
- ✓ **Join seminars & conferences.**
- ✓ **Customized short term programs.**
- ✓ **Join research & collaboration.**
- ✓ **Campus visits**





**“Do you know what a  
foreign accent is?  
It’s a sign of **bravery**”**

-Amy Chua



# UNIVERSIDAD TECNOLÓGICA EL RETOÑO



**THANK YOU!**  
FIND US AT  
**WWW.UTR.EDU.MX**



**Aguascalientes**  
Gente de trabajo y soluciones  
*El gigante de México*  
GOBIERNO DEL ESTADO 2022-2027

**PROUDLY**  
**UTR**