Tandem for accreditation

2025/2026 visits cycle

September 18, 2024

Adam Rodrigues and Roselyne Lampron

Kick-off presentation

engineerscanada
ingénieurscanada

Sacred Journey by Frank Polson

Agenda

- Background
- About Tandem
- Access to Tandem
- Glossary of terms
- Training
- Demo
- Q&A

Background

engineerscanada
ingénieurscanada

Background

- Accreditation Improvement Program (AIP)
  - Optimized solutions needed to improve the delivery of
    - ✓ Enrolment and Degrees Awarded Survey (EDAS)
    - ✓ Accreditation for engineering programs

Background

- Approach for selecting and creating Tandem
  - Industry-standard practices
  - System selection and tailoring
  - User Acceptance Testing (UAT) cycles
  - Continual improvement process

About Tandem

engineerscanada
ingénieurscanada

About Tandem

TANDEM

New Engineers Canada
accreditation data management system

Collects data submitted by programs

Enables visiting teams to complete their review and write their observations

About Tandem

- Tandem replaces
  - **The Word versions of**

    - Questionnaire for Evaluation of an Engineering Program
    - Questionnaire for Evaluation of an Engineering Program – Exhibit 1
  - **The Excel versions of**

    - 6A - Graduating Student Record
    - 6B - Academic staff information sheet
    - 6C - Course Information Sheets and summary artifacts generated by macros

About Tandem

- Tandem replaces
  - **OneHub collaboration space** where programs submitted their materials which were accessed by the visiting team
  - The tracking of issues sheet
  - The accreditation **visitor pool database**

About Tandem

- Data storage and encryption
- Timeout of the system
- Google Chrome
- For questions, please contact: visits@engineerscanada.ca

Access to Tandem

engineerscanada
ingénieurscanada

Access to Tandem

- User accounts
  - Access granted to individuals who will submit accreditation materials on behalf of their institution
- Access to Tandem's training environment
  - September 11, 2024
- Access to Tandem's production environment
  - September 27, 2024

Glossary of terms

engineerscanada
ingénieurscanada

Glossary of terms

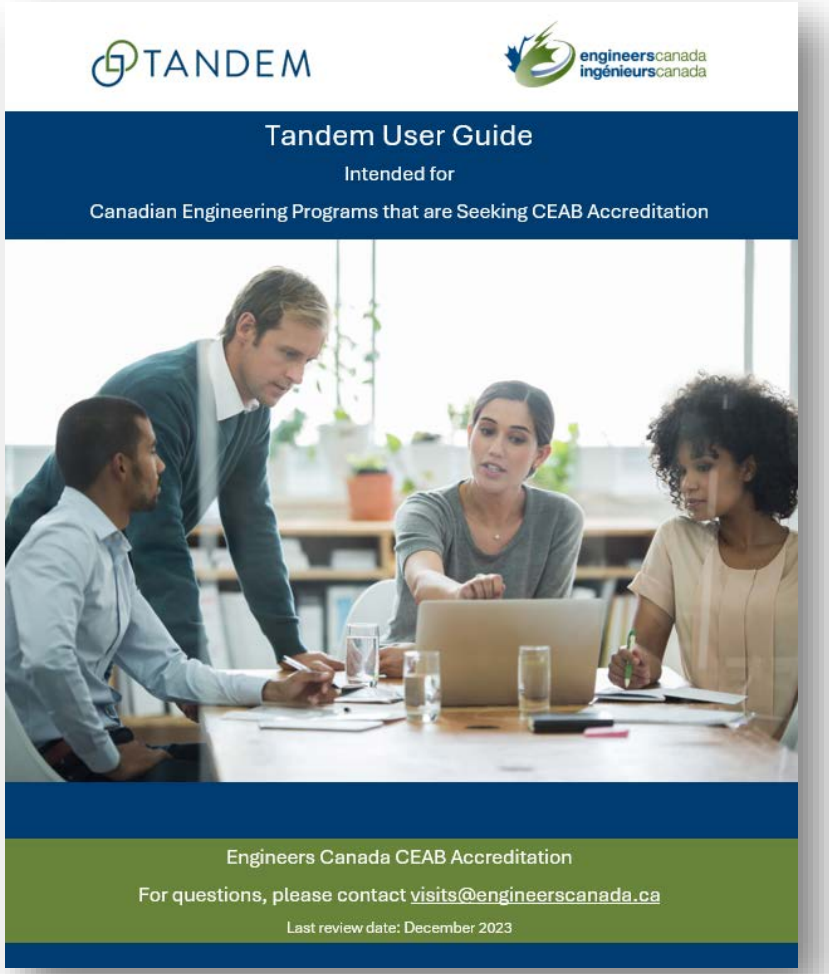
- Persona
  - Organization Representative
  - My Items
- Trusted contact
- Primary contact
- Length of term factors
- Generic course information

Training

engineerscanada
ingénieurscanada

Training

- Two webinars
  1. September 18, 2024
  2. September 25, 2024
- Training materials and support
  - Tandem's training environment
  - Two training scenarios
  - One user guide
  - Eight tutorials
  - Two recorded webinars
  - Meetings as needed
- Training is optional, but highly recommended



Training

- Training scenario #1
  - Generic course data and faculty information
    - How to create a trusted contact
    - How to enter faculty information
    - How to set the length of term factors
    - How to enter generic course data

Step 1!

Training

- Training scenario #2
  - Program-specific information and Questionnaire
    - How to assign courses to a program
    - How to enter program-specific information
    - How to review a program dashboard
    - How to complete and submit a Questionnaire

Step 2!

TANDEM

Step 1
HEI trusted contact(s)

1. Set the length of term factors
2. Enter faculty information
3. Enter generic course data

* Can all be updated outside of accreditation cycle

EC staff

A. Open an application in Tandem, based on the information provided in the RFA

B. Grant access to the Questionnaire for each program seeking accreditation

Step 2
HEI trusted contact(s)

4. Assign courses to program
5. Enter program specific-information
6. Review program dashboard

* Once an application is available

Start to fill out the Questionnaire

Create/remove trusted contact(s)

engineerscanada
ingénieurscanada

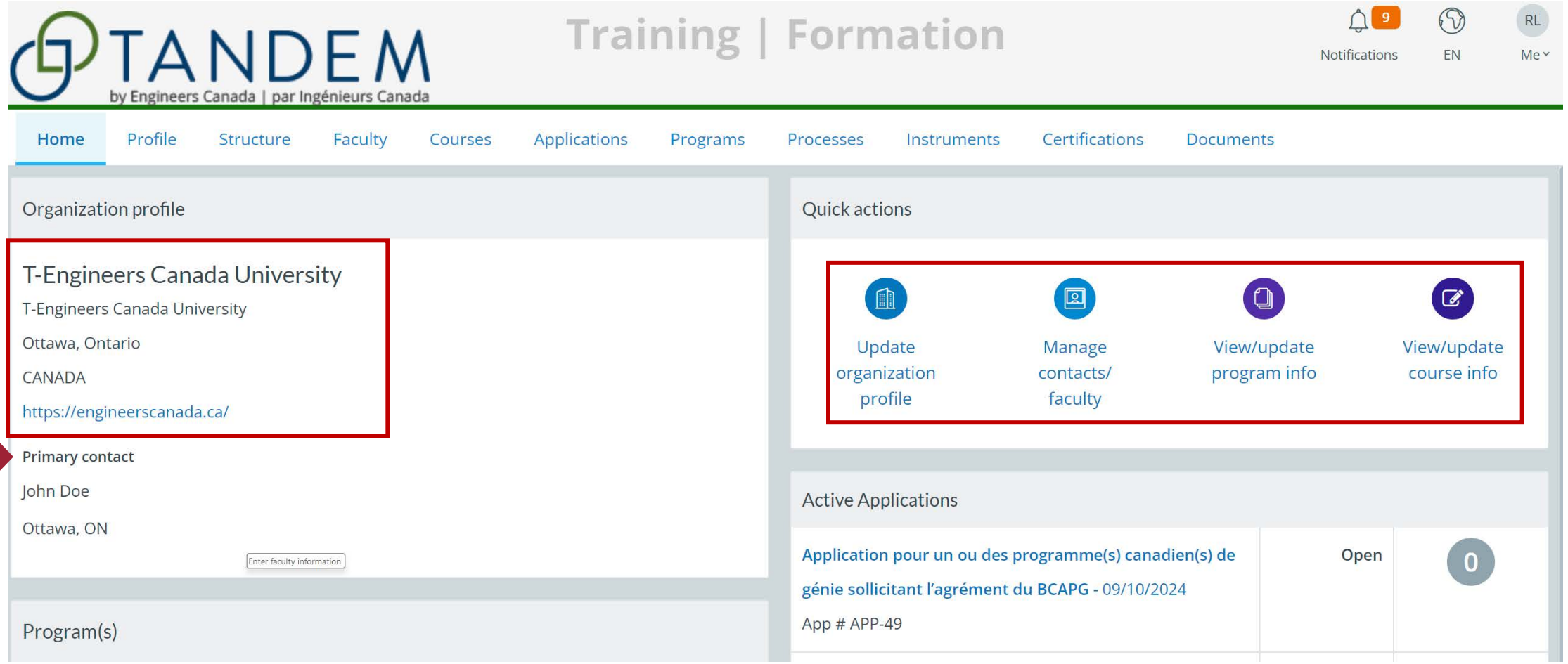
Demo

engineerscanada
ingénieurscanada

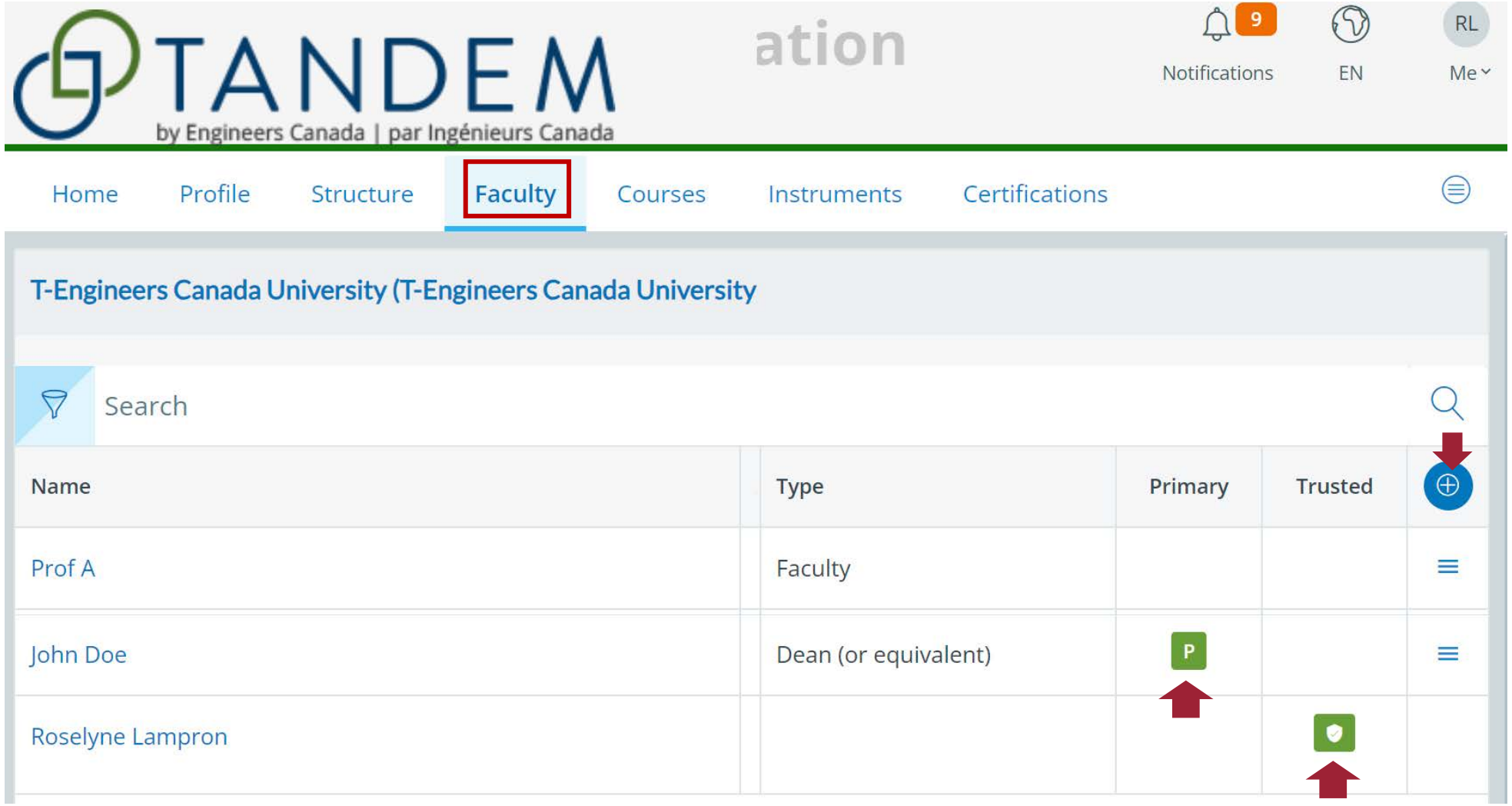
Demo

1. How to create a trusted contact
2. How to enter faculty information
3. How to set the length of term factors
4. How to enter generic course data

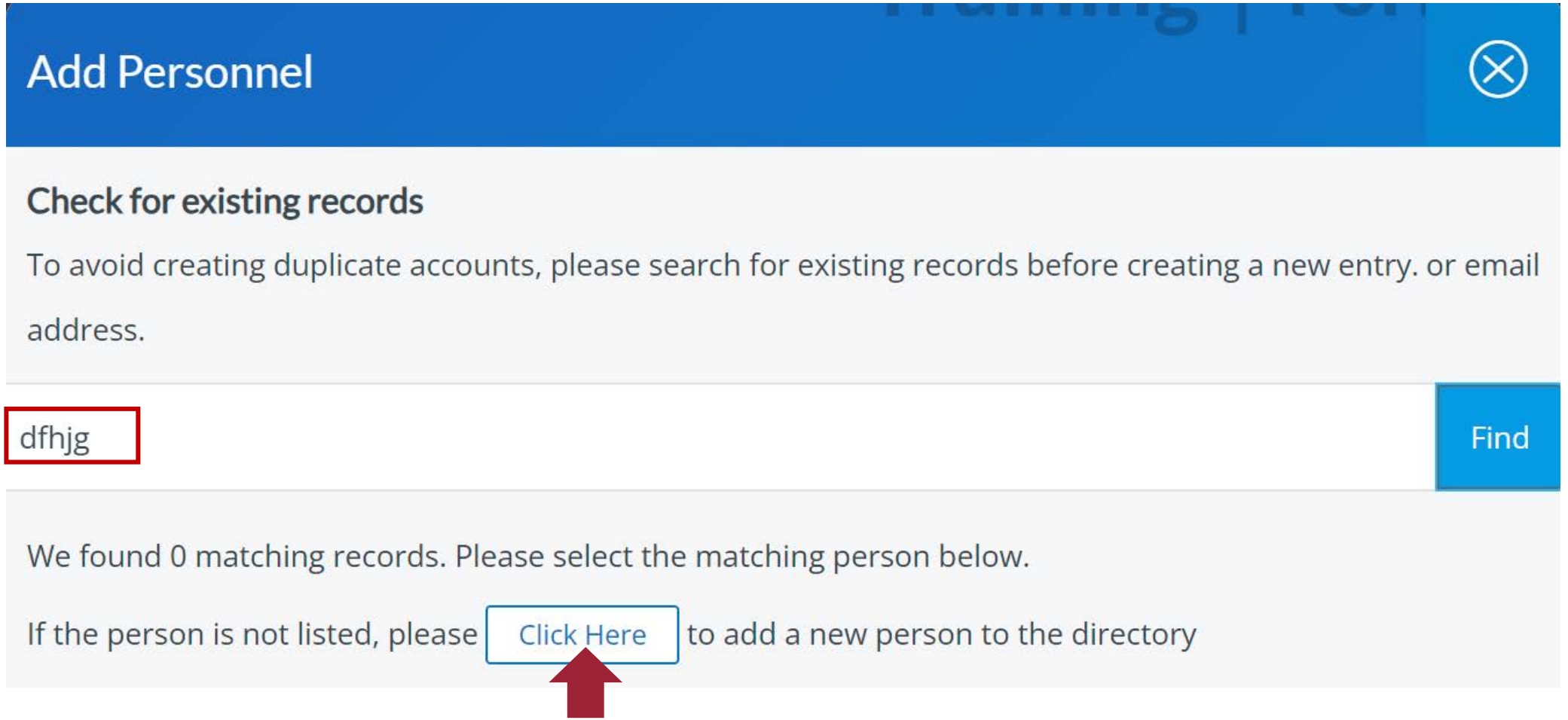
Homepage


TANDEM
by Engineers Canada | par Ingénieurs Canada
Training | Formation
9
Notifications
EN
RL
Me
Home
Profile
Structure
Faculty
Courses
Applications
Programs
Processes
Instruments
Certifications
Documents
Organization profile
T-Engineers Canada University
T-Engineers Canada University
Ottawa, Ontario
CANADA
https://engineerscanada.ca/
Primary contact
John Doe
Ottawa, ON
Enter faculty information
Program(s)
Quick actions
Update organization profile
Manage contacts/ faculty
View/update program info
View/update course info
Active Applications
Application pour un ou des programme(s) canadien(s) de génie sollicitant l'agrément du BCAPG - 09/10/2024
App # APP-49
Open
0

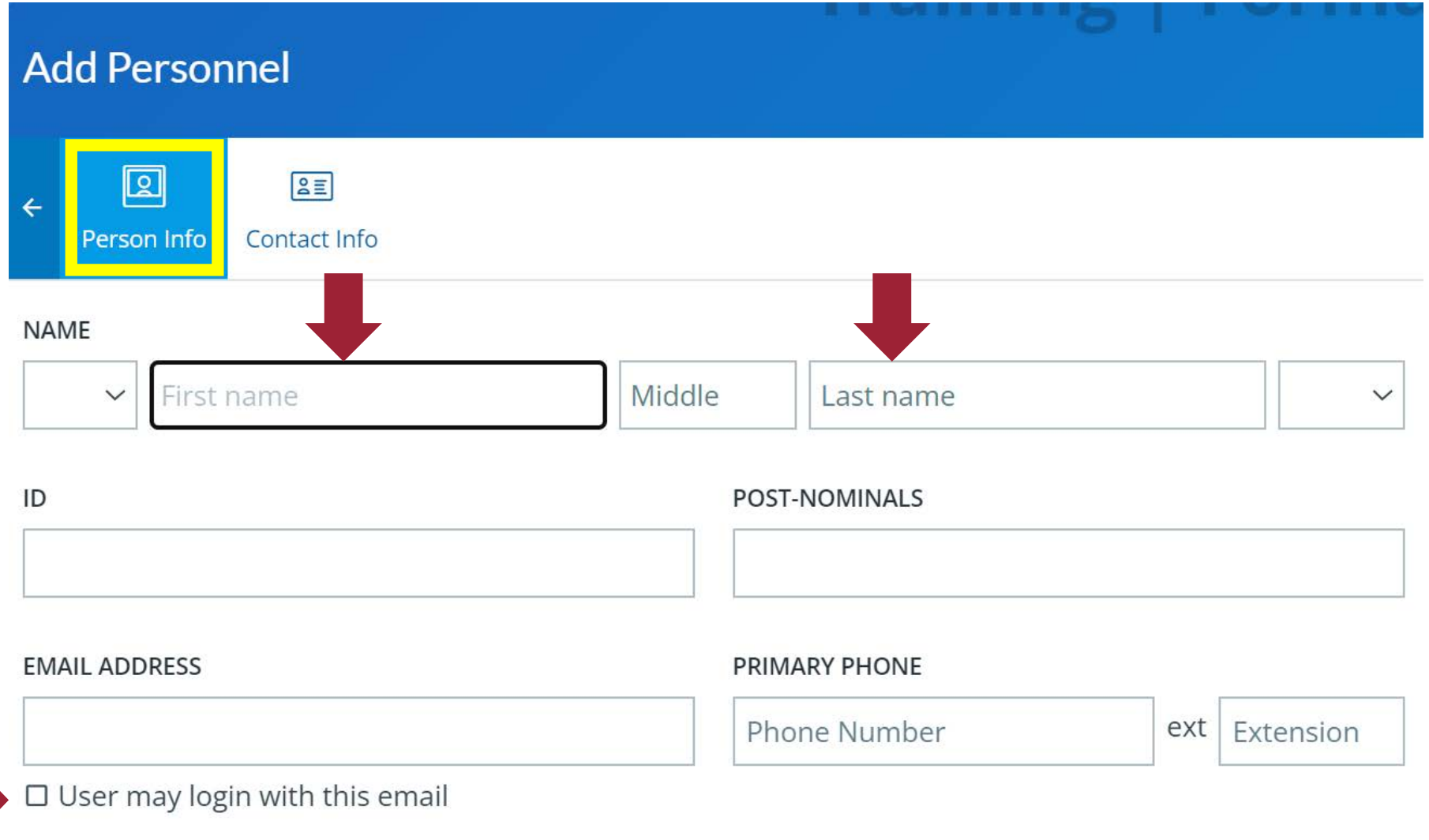
Create a trusted contact



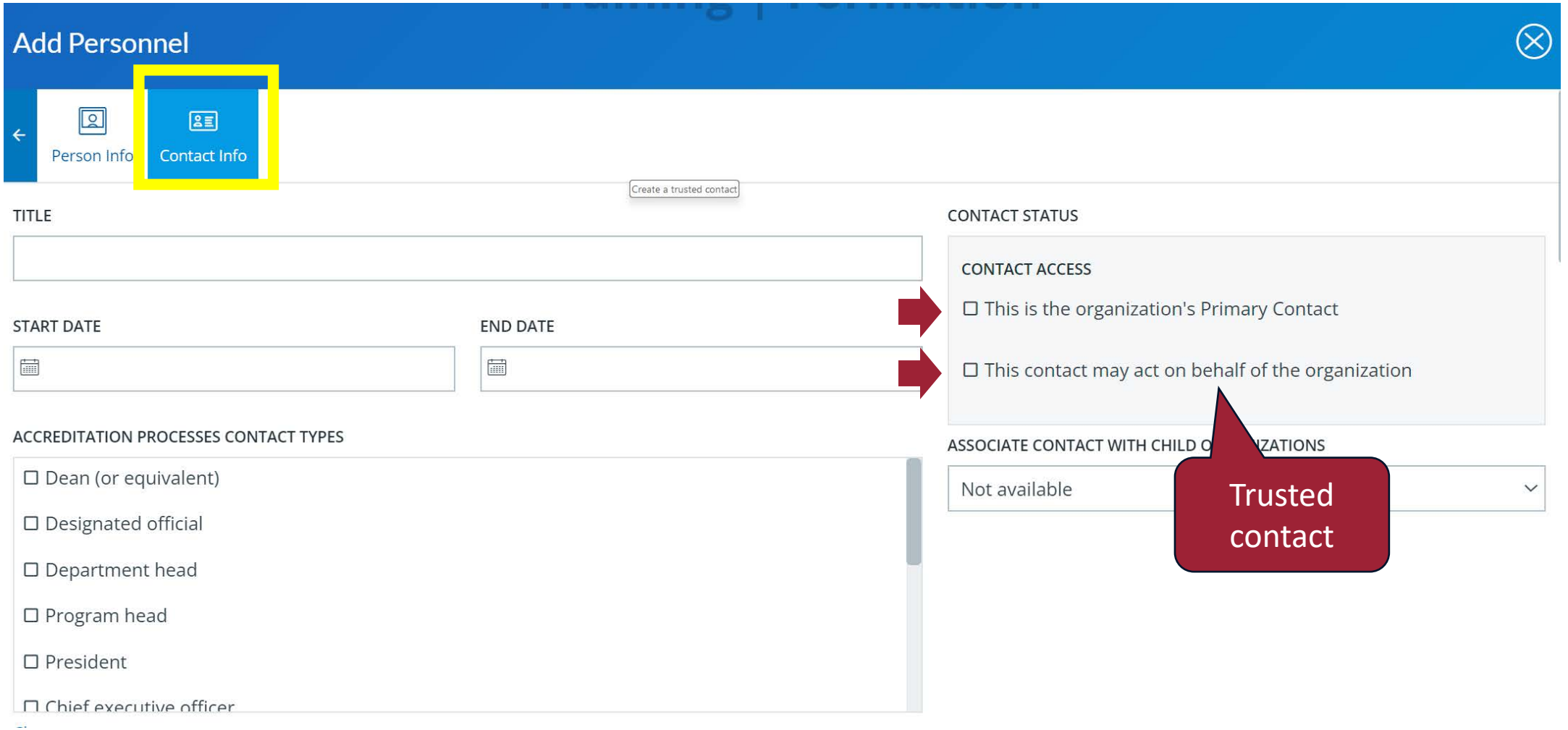
Create a trusted contact



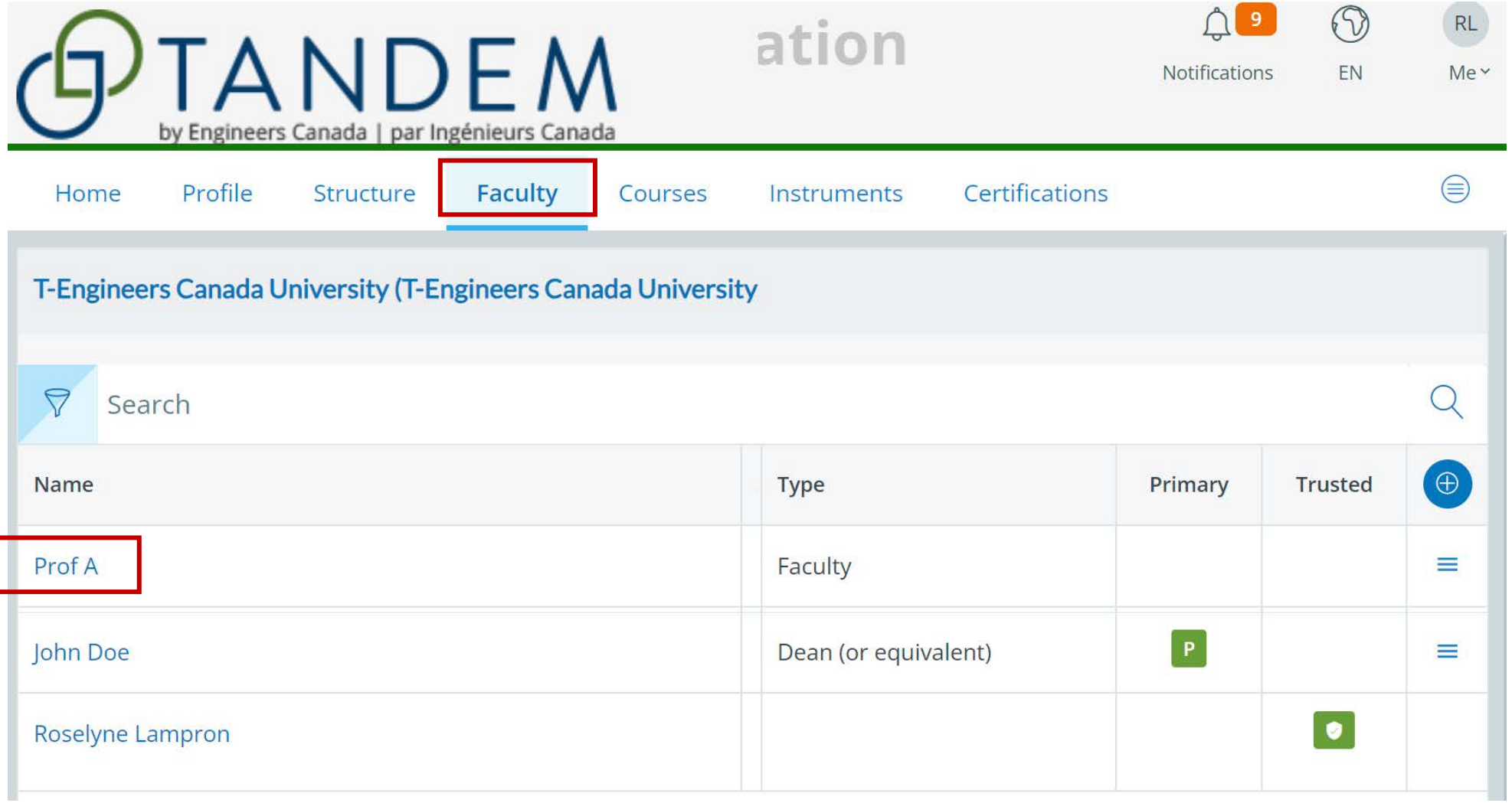
Create a trusted contact



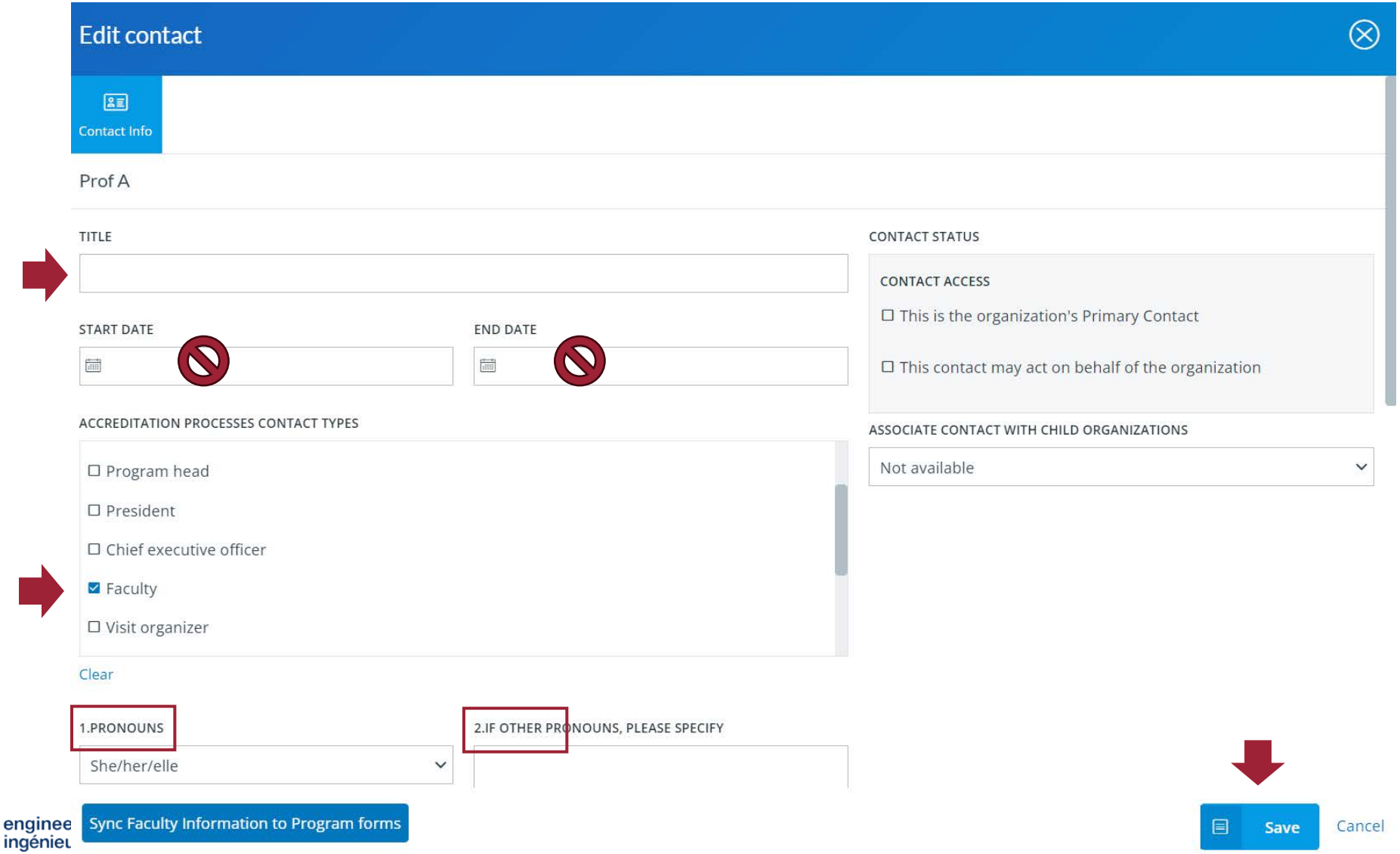
Create a trusted contact



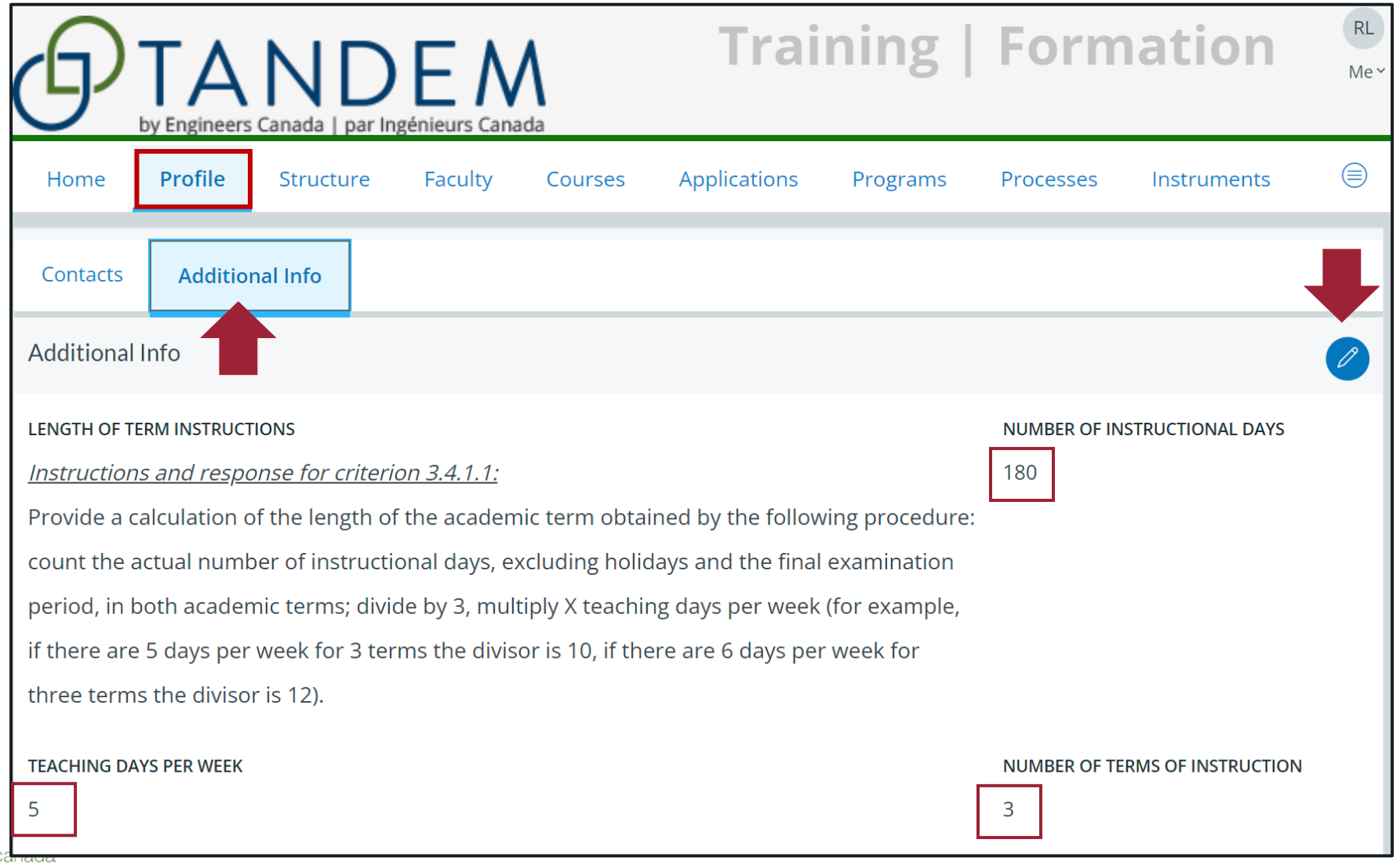
Enter faculty information



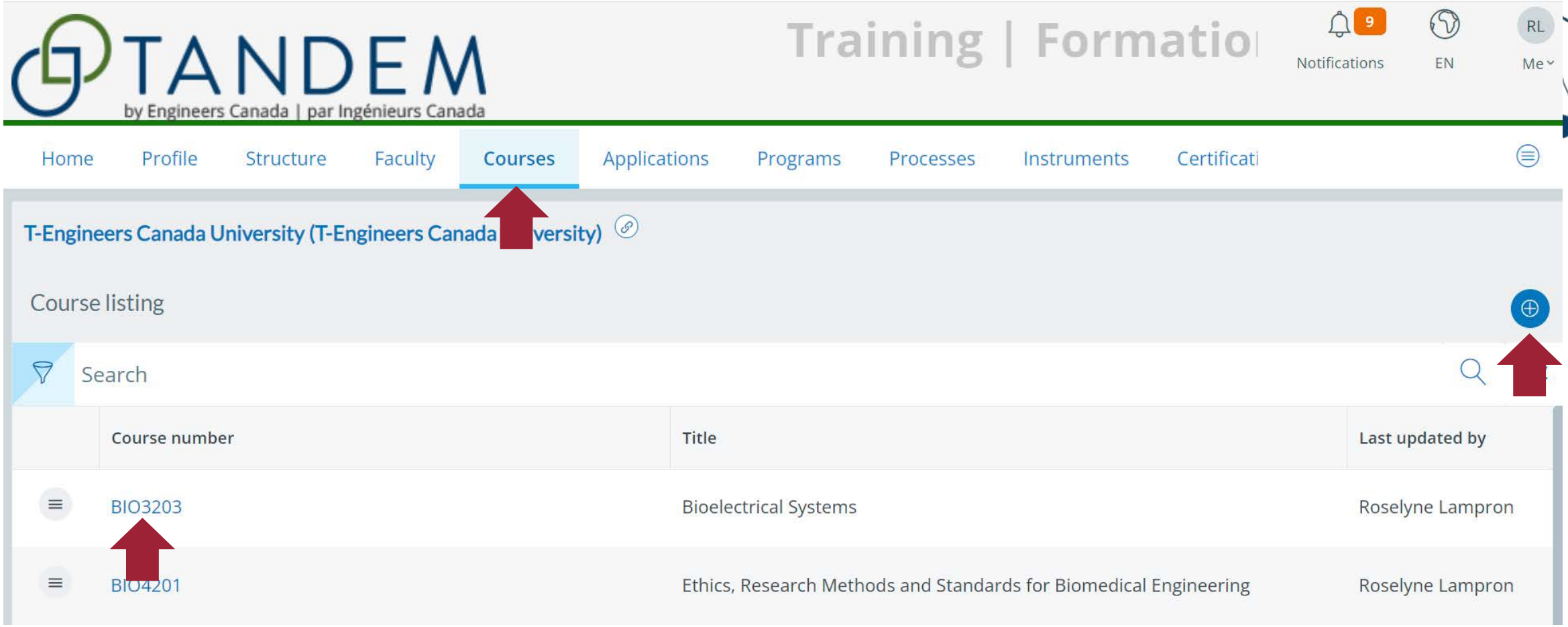
Enter faculty information



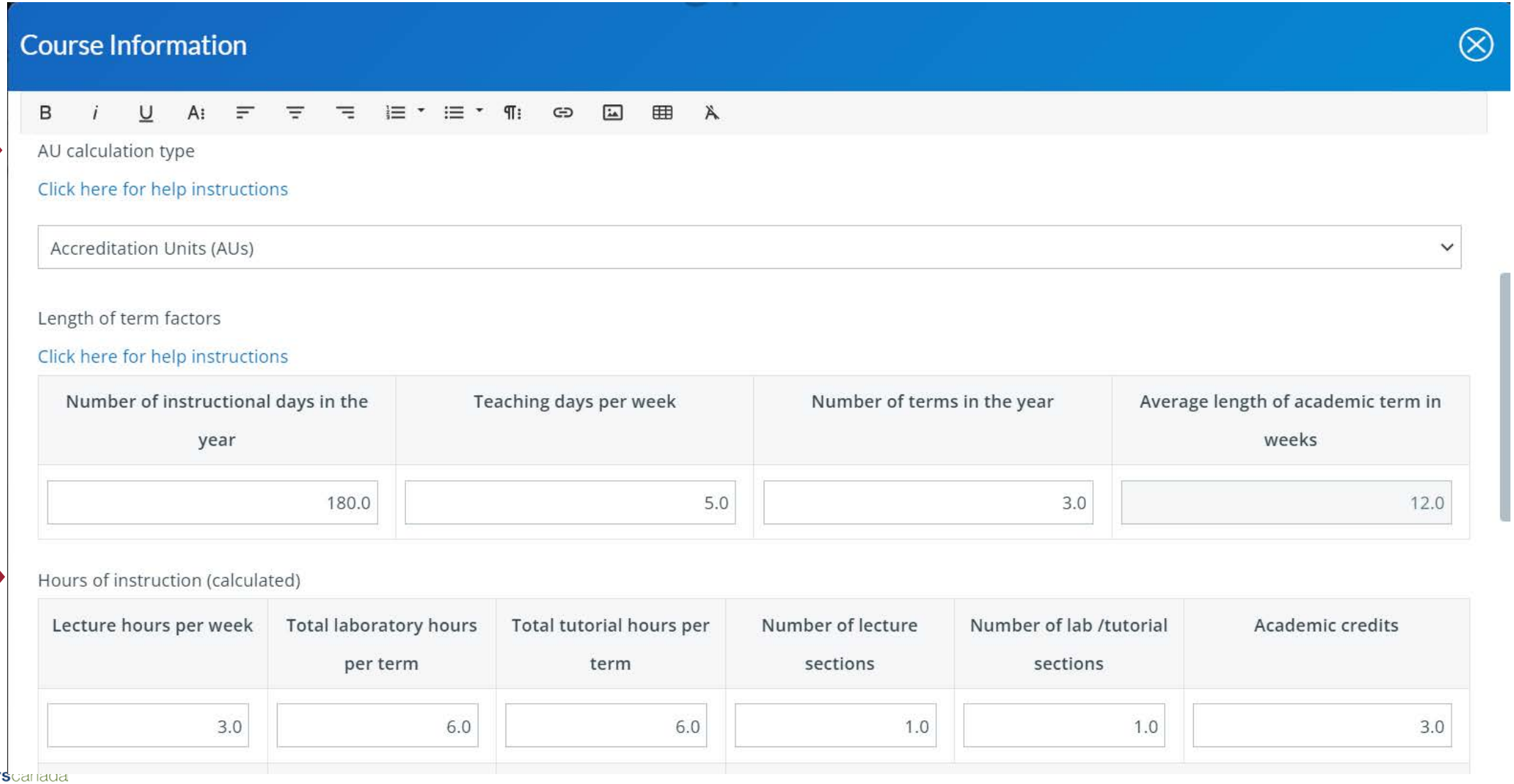
Set the length of term factors



Enter generic course data



Enter generic course data



Enter generic course data

Content category & elements (calculated)

		Mathematics	Natural science	Complementary studies	Engineering science	Engineering design
		☐ Differential calculus ☐ Differential equations ☐ Discrete mathematics ☐ Integral calculus ☐ Linear algebra ☐ Numerical analysis ☐ Probability ☐ Statistics	☐ Chemistry ☐ Earth sciences ☐ Life sciences ☐ Physics	☐ Humanities and social sciences ☐ Communication ☐ Professionalism, ethics, equity, and law ☐ Impact of technology and/or engineering on society ☐ Health and safety ☐ Sustainable development and environment stewardship ☐ Engineering economics and project management		
AU %	100.00%				50.00%	50.00%
AU Total	42.0	0.0	0.0	0.0	21.0	21.0

engineerscanada
ingénieurscanada

Enter generic course data

CEAB graduate attribute content (content code)

Click for help instructions

1 A knowledge base for engineering	D	7 Communication skills	D
2 Problem analysis	D	8 Professionalism	Select an option...
3 Investigation	Select an option...	9 Impact of engineering on society and the environment	D
4 Design	D	10 Ethics and equity	Select an option...
5 Use of engineering tools	D	11 Economics and project management	D
6 Individual and team work	D	12 Life-long learning	A

	Learning outcome expectation
⊖	Analyze a simple amplifier circuit, filter circuit and provide specifications from the circuit

Conclusion

engineerscanada
ingénieurscanada

Q&A

engineerscanada
ingénieurscanada