

MAGELLAN 2.0



Ferdinand Magellan (c. 1480 – 27 April 1521) was a Portuguese explorer. His expedition of 1519–1522 became the first expedition to sail from the Atlantic Ocean into the Pacific Ocean, and the first to cross the Pacific. It also completed the first circumnavigation of the Earth, although Magellan himself did not complete the entire voyage, being killed during the Battle of Mactan in the Philippines.

MAGELLAN is a software tool that has been developed in-house to help you plan and verify both your Electrical & Computer Engineering (ECE) program and the Canadian Engineering Accreditation Board (CEAB) requirements.

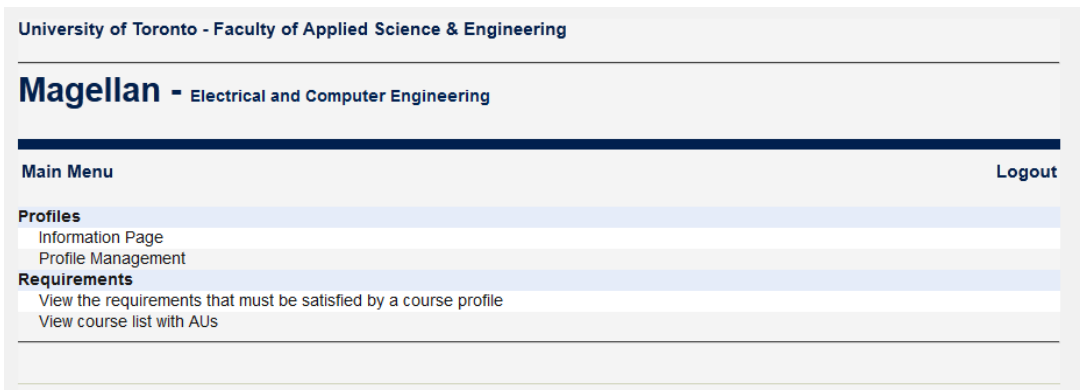
It was developed in order to make it easier for you to verify the CEAB requirements as it automatically calculates the academic units (AU's) when you are building your study plans for third and fourth years. In addition, it will confirm your ECE degree requirements at a glance. Magellan will allow you to set up as many as 30+ test profiles when planning your course selection.

There are nine ECE program requirements:

1. **Breadth Requirement:** A minimum of four kernel courses, each in a different area, must be chosen.
2. **Depth Requirement:** Select at least two areas from which one kernel course has been chosen. In each of these two areas, two additional technical courses must be chosen. Kernel courses may also be chosen to meet this requirement.
3. **Engineering Economics Requirement:** ECE472H1 must be chosen in either third or fourth year.
4. **Capstone Requirement:** The Design Project, ECE496Y1, must be taken in fourth year. To be eligible to register for the capstone course, you must have taken at least seven technical electives or six technical electives plus ECE472H1 in third year.
5. **Math/Science Requirement:** At least one course from the Math/Science area must be chosen.
6. **Technical Elective Requirement:** A minimum of three additional ECE technical courses must be chosen from any of the six areas of study. With approval from ECE, one of the technical electives can be taken from another department. Only 300, 400 and 500 level courses can be used as technical electives.
7. **Free Elective Requirement:** One is required, and may be a technical or a non-technical course provided the course content does not overlap with your other courses.
8. **Complementary Studies Requirement:** In each of terms 3F, 3S, 4F, and 4S, a complementary studies course must be taken. Of the four complementary studies courses, a minimum of two must be humanities and social science (HSS) courses chosen from an approved list.
9. **Practical Experience Requirement:** Students are required to have completed a total of 600 hours of acceptable practical experience before graduation (normally during their summer vacation periods). Students may elect to enroll and participate in the Professional Experience Year (PEY) program. The PEY program requires that qualified students undertake a paid, full-time 12-16 month continuous work period with a participating company. Also available is the Engineering Summer Internship Program (ESIP).

How To Access Magellan: <https://magellan.ece.toronto.edu/>

Login with your UTORid.



University of Toronto - Faculty of Applied Science & Engineering

Magellan - Electrical and Computer Engineering

Main Menu Logout

Profiles

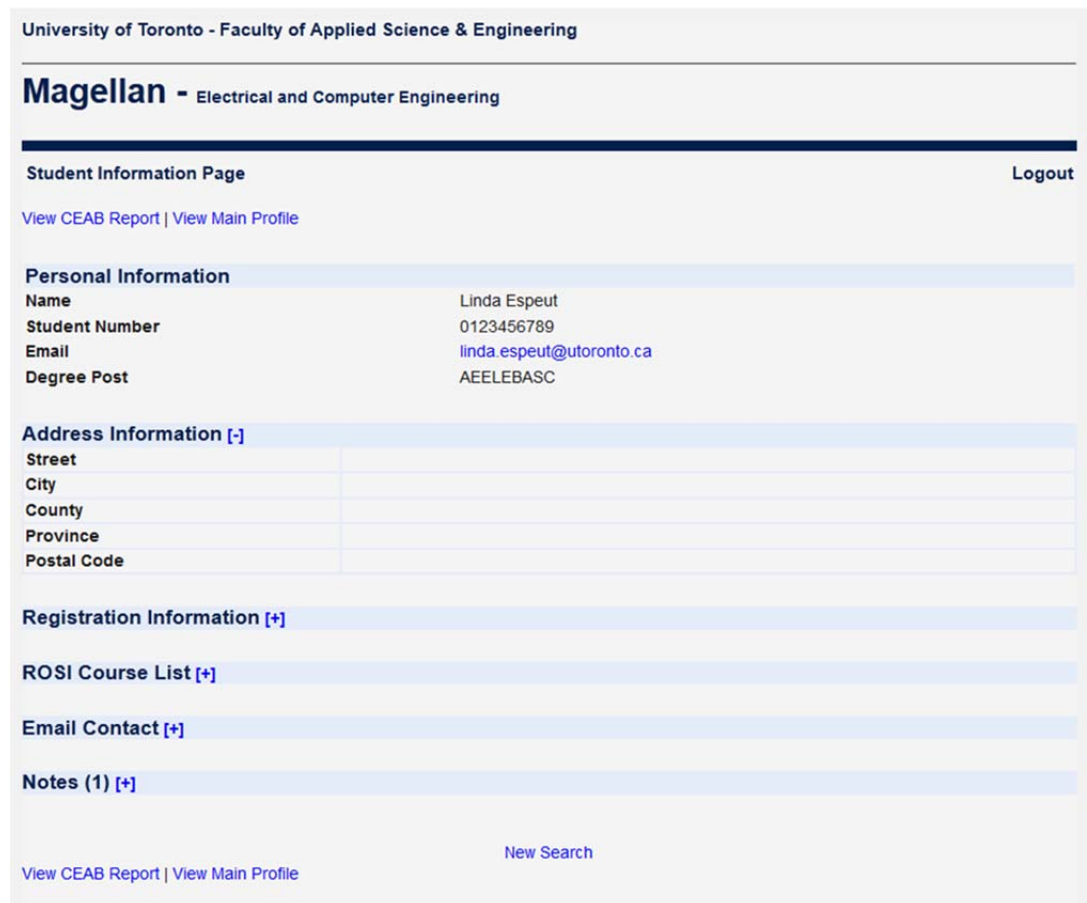
- Information Page
- Profile Management

Requirements

- View the requirements that must be satisfied by a course profile
- View course list with AUs

By clicking on the word **Magellan**, it will always take you back to the Main Menu page.

Profiles: Information Page. The information on this page is downloaded from ROSI and cannot be modified. Click on the [+] to open each section and the [-] to collapse the section.



University of Toronto - Faculty of Applied Science & Engineering

Magellan - Electrical and Computer Engineering

Student Information Page Logout

[View CEAB Report](#) | [View Main Profile](#)

Personal Information

Name	Linda Espeut
Student Number	0123456789
Email	linda.espeut@utoronto.ca
Degree Post	AEELEBASC

Address Information [-]

Street	
City	
County	
Province	
Postal Code	

Registration Information [+]

ROSI Course List [+]

Email Contact [+]

Notes (1) [+]

[New Search](#)

[View CEAB Report](#) | [View Main Profile](#)

Registration Information: This information will change every term as you are registered. It shows your current registration and academic standing.

University of Toronto - Faculty of Applied Science & Engineering

Magellan - Electrical and Computer Engineering

Student Information Page

[Logout](#)

[View CEAB Report](#) | [View Main Profile](#)

Personal Information

Name	Linda Espeut
Student Number	0123456789
Email	linda.espeut@utoronto.ca
Degree Post	AEELEBASC

Address Information [\[+\]](#)

Registration Information [\[-\]](#)

Session	Post	Academic Standing	Registration Status	Year of Study
20119	AEELEBASC		REG	1
20121	AEELEBASC		REG	1
20129	AEELEBASC		REG	2
20131	AEELEBASC		REG	2

ROSI Course List [\[+\]](#)

Email Contact [\[+\]](#)

Notes (1) [\[+\]](#)

[New Search](#)

[View CEAB Report](#) | [View Main Profile](#)

ROSI Course List: The course list will be updated from ROSI at specific times during the term. It is a snapshot in time of your course registration. Years 1 and 2 courses are core, but as you choose your upper year courses on ROSI, you will see the list change.

University of Toronto - Faculty of Applied Science & Engineering

Magellan - Electrical and Computer Engineering

Student Information Page Logout

[View CEAB Report](#) | [View Main Profile](#)

Personal Information

Name	Linda Espeut
Student Number	0123456789
Email	linda.espeut@utoronto.ca
Degree Post	AEELEBASC

Address Information [\[+\]](#)

Registration Information [\[+\]](#)

ROSI Course List [\[-\]](#)

Session							
20119	APS105H1 F	APS111H1 F	APS150H1 F	CIV100H1 F	ECE101H1 F	MAT188H1 F	MAT196H1 F
20121	APS104H1 S	APS112H1 S	ECE110H1 S	MAT197H1 S	MIE100H1 S		
20129	ECE212H1 F	ECE241H1 F	ECE244H1 F	MAT290H1 F	MAT291H1 F		
20131	ECE216H1 S	ECE221H1 S	ECE231H1 S	ECE243H1 S	ECE297H1 S		

Email Contact [\[+\]](#)

Notes (1) [\[+\]](#)

[New Search](#)

[View CEAB Report](#) | [View Main Profile](#)

Notes: Notes inserted by the ECE Undergraduate Staff will be added in this section.

University of Toronto - Faculty of Applied Science & Engineering

Magellan - Electrical and Computer Engineering

Student Information Page Logout

[View CEAB Report](#) | [View Main Profile](#)

Personal Information

Name	Linda Espeut
Student Number	0123456789
Email	linda.espeut@utoronto.ca
Degree Post	AEELEBASC

Address Information [+]

Registration Information [+]

ROSI Course List [+]

Email Contact [+]

Notes (1) [-]	Date	By
Hi, Linda!	2012-12-06 10:11	Admin

[New Search](#)

[View CEAB Report](#) | [View Main Profile](#)

From the Student Information Page, you can navigate to your main profile or CEAB report by clicking on “**View Main Profile**” or “**View CEAB Report**”. You can also navigate to your main profile after you’ve logged on by clicking on “**Profile Management**” from the Main Menu (see page 3).

Profile Management

Your Main Profile: A partial main profile has been created using your first and second year courses. You will now be required to complete the profile by selecting upper year courses. Only valid “main profiles” are considered by the Undergraduate Office during pre-registration, and it is also the main profile courses that will be uploaded to ROSI in July for the upcoming academic year. A valid profile is one that meets both program and CEAB requirements.

University of Toronto - Faculty of Applied Science & Engineering

Magellan - Electrical and Computer Engineering

Profile Management Logout

Profiles List

Main Profile	View Profile
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Create New Profile

Profile Name :

Click on “**View Profile**” under **Profiles List – Main Profile**.

Magellan - Electrical and Computer Engineering

Profile View (main) - 0123456789 Logout

[View Student Detail](#) | [View CEAB Report](#)

Personal Information

Name	Linda Espeut
Student Number	0123456789
Email	linda.espeut@utoronto.ca
Degree Post	AEELEBASC

ROSI Course List

Session	APS105H1 F Computer Fundamentals	APS111H1 F Engineering Strategies & Practice I	APS150H1 F Ethics in Engineering	CIV100H1 F Mechanics	ECE101H1 F Seminar Course: Introduction to Electrical and Computer Engineering	MAT188H1 F Linear Algebra	MAT196H1 F Calculus A
20119							
20121	APS104H1 S Introduction to Materials and Chemistry	APS112H1 S Engineering Strategies & Practice II	ECE110H1 S Electrical Fundamentals	MAT197H1 S Calculus B	MIE100H1 S Dynamics		
20129	ECE212H1 F Circuit Analysis	ECE241H1 F Digital Systems	ECE244H1 F Programming Fundamentals	MAT290H1 F Advanced Engineering Mathematics	MAT291H1 F Calculus III		

Core Year Requirements

First Year

APS105H1	APS111H1	APS150H1	CIV100H1	ECE101H1	MAT188H1
MAT196H1					
APS104H1	APS112H1	ECE110H1	MAT197H1	MIE100H1	

Second Year

ECE212H1	ECE241H1	ECE244H1	MAT290H1	MAT291H1
ECE216H1	ECE221H1	ECE231H1	ECE243H1	ECE297H1

Program Requirements

Kernel/Depth Requirements

Do NOT meet Kernel/Depth requirements.

Engineering Economics	ECE472H1	
Capstone	ECE496Y1	
Science/Math	Not Fulfilled	
Technical Electives	Not Fulfilled	
HSS and CS	Not Fulfilled Minimum 2 HSS	Not Fulfilled CS/HSS Requirement
Free Electives	Not Fulfilled	
PEY/600Hours	Not Fulfilled	

CEAB Requirements

Categories	Minimum Requirement	Obtained	Projected	Outstanding Based on Projected
Total Accreditation Unit	1999	769.1	769.1	1229.9
Mathematics	214.5	231.2	231.2	OK
Natural Science	200	134.2	134.2	65.8
Mathematics and Natural Science Combined	462	365.4	365.4	96.6
Engineering Science	247.5	259.9	259.9	OK
Engineering Design	247.5	86.2	86.2	161.3
Engineering Science and Engineering Design Combined	990	346.1	346.1	643.9
Complementary Studies	240	57.6	57.6	182.4

You do NOT meet all CEAB requirements.

[Save Profile](#) | [Edit Profile](#)

How to edit your Main Profile: Click on “**Edit Profile**”.

Select courses by the term that you plan on taking the course. Please use the following for reference:

20139 = year 2013 fall term (9-September)

20141 = year 2014 winter term (1-January)

20145 = year 2014 summer term (5-May)

Refer to page 2 for ECE requirements OR “**View the requirements that must be satisfied by a course profile**” under the Requirements section on Magellan’s **Main Menu** page.

Yellow highlighted courses are Area kernel courses. Underlined courses are offered in both Fall and Winter terms.

Kernel Courses

Area 1: Photonics & Semiconductor Physics

20139 ▾	<u>ECE335H1F: Introduction to Electronic Devices</u>	Select ▾	<u>ECE318H1S: Fundamentals of Optics</u>
Select ▾	<u>ECE442H1F: Introduction to Micro- and Nano-Fabrication Technologies</u>	Select ▾	<u>ECE330H1S: Semiconductor & Device Physics</u>
Select ▾	<u>ECE527H1F: Passive Photonic Devices</u>	Select ▾	<u>ECE469H1S: Optical Communications and Networks</u>
Select ▾	<u>ECE535H1F: Advanced Electronic Devices</u>	Select ▾	<u>ECE525H1S: Lasers and Detectors</u>
		Select ▾	<u>PHY335H1S: Introduction to Quantum Mechanics</u>

Kernel Courses

Area 2: Electromagnetics & Energy Systems

Select ▾	<u>ECE314H1F: Fundamentals of Electrical Energy Systems</u>	Select ▾	<u>BME595H1S: Medical Imaging</u>
20139 ▾	<u>ECE320H1F: Fields and Waves</u>	Select ▾	<u>ECE413H1S: Energy Systems and Distributed Generation</u>
Select ▾	<u>ECE510H1F: Introduction to Lighting Systems</u>	Select ▾	<u>ECE422H1S: Radio and Microwave Wireless Systems</u>
Select ▾	<u>ECE524H1F: Microwave Circuits</u>	Select ▾	<u>ECE463H1S: Electric Drives</u>
Select ▾	<u>ECE533H1F: Advanced Power Electronics</u>		

Kernel Courses

Area 3: Analog & Digital Electronics

20139 ▾	<u>ECE331H1F: Analog Electronics</u>	Select ▾	<u>ECE331H1S: Analog Electronics</u>
Select ▾	<u>ECE334H1F: Digital Electronics</u>	20141 ▾	<u>ECE334H1S: Digital Electronics</u>
Select ▾	<u>ECE446H1F: Sensory Communication</u>	Select ▾	<u>ECE451H1S: VLSI Systems and Design</u>
Select ▾	<u>ECE512H1F: Analog Signal Processing Circuits</u>	Select ▾	<u>ECE530H1S: Analog Integrated Circuits</u>
Select ▾	<u>ECE534H1F: Integrated Circuit Engineering</u>	20151 ▾	<u>ECE532H1S: Digital Systems Design</u>

Kernel Courses

Area 4: Control, Communications & Signal Processing

Select ▾	<u>ECE311H1F: Dynamic Systems and Control</u>	20141 ▾	<u>ECE311H1S: Dynamic Systems and Control</u>
Select ▾	<u>ECE316H1F: Communication Systems</u>	20141 ▾	<u>ECE316H1S: Communication Systems</u>
20139 ▾	<u>ECE302H1F: Probability and Random Processes</u>	Select ▾	<u>BME595H1S: Medical Imaging</u>
20149 ▾	<u>ECE410H1F: Control Systems</u>	Select ▾	<u>ECE302H1S: Probability and Random Processes</u>
20149 ▾	<u>ECE431H1F: Digital Signal Processing</u>	20151 ▾	<u>ECE411H1S: Real-Time Computer Control</u>
Select ▾	<u>ECE445H1F: Neural Bioelectricity</u>	20151 ▾	<u>ECE417H1S: Digital Communication</u>

Course descriptions can be obtained by clicking on the course code.

Course Detail		Logout												
Course Code	ECE442H1 F													
Offered	2012													
Title	Introduction to Micro- and Nano-Fabrication Technologies													
Description	<p>"</p> <p>An introduction to the fundamentals of micro- and nano-fabrication processes with emphasis on cleanroom practices. The physical principles of optical lithography, electron-beam lithography, alternative nanolithography techniques, and thin film deposition and metrology methods. The physical and chemical processes of wet and dry etching. Cleanroom concepts and safety protocols. Sequential micro-fabrication processes involved in the manufacture of microelectronic and photonic devices. Imaging and characterization of micro- and nano-structures. Examples of practical existing and emerging micro- and nano-devices. Limited enrollment.</p> <p>"</p>													
Prerequisites	ECE335H1 or ECE350H1													
Co-requisites	None													
Exclusions	None													
Credit Weight	0.5													
CEAB AU	<table border="1"> <thead> <tr> <th>Math</th> <th>NS</th> <th>CS</th> <th>ES</th> <th>ED</th> <th>Total AU</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> <td>55.5</td> <td>0</td> <td>55.5</td> </tr> </tbody> </table>	Math	NS	CS	ES	ED	Total AU	0	0	0	55.5	0	55.5	Close Window
Math	NS	CS	ES	ED	Total AU									
0	0	0	55.5	0	55.5									

Incomplete First/Second Year Courses: If you have failed any core courses from First or Second year, please indicate the term(s) you plan on retaking the course(s).

Engineering Economics (ECE472): Mandatory course that can be taken in any term of third or fourth year.

Capstone Course (ECE496): Mandatory full-year course that can only be taken in fourth year. To be eligible to register for the capstone course, you must have taken at least 7 technical electives or 6 technical electives plus ECE472H1 in third year.

Incomplete First/Second Year Courses

Select ECE216H1: Signals & Systems

Select ECE221H1: Electric & Magnetic Fields

Select ECE231H1: Introductory Electronics

Select ECE243H1: Computer Organization

Select ECE297H1: Communication and Design

Engineering Economics (ECE472)

Please select the session in which you will take this course: Select

Capstone Course (ECE496)

Please select the session in which you will take this course: Select

Technical Elective from another engineering department

You can choose your ECE technical electives from the above ECE course table. However, if you choose to take a technical elective from another engineering department, you must go to the Undergraduate Office (SF B600) to fill out a form for approval. Ultimately, the course that you choose as a technical elective cannot contain content that is already offered in courses that you take in your program.

Please select the session in which you will take this course: Select

Free Electives

Your Free Elective may be a technical or non-technical course. There are 3 types of Free Electives:

- You may choose any course in the above ECE course table as your free elective.
- You may choose a course from another Engineering department. This course can not be used in your pre-registration planning. However, if you choose to take a free elective from another engineering department, you must go to the Undergraduate Office (SF B600), at the beginning of the term in which you wish to take the course and fill out a form for approval.
- You may choose a course from the Faculty of Arts and Science.

Ultimately, the course that you choose as a free elective cannot contain content that is already offered in courses that you take in your ECE program. **Only fill in this part if your free elective is not from the above ECE courses.**

Please select the session in which you will take this course: Select

Humanities & Social Science (HSS) / Complementary Studies (CS)

You must select 4 HSS/CS courses of which a minimum of 2 has to be HSS:

Please select the session in which you will take this course: Select

Please select the session in which you will take this course: Select

Please select the session in which you will take this course: Select

Please select the session in which you will take this course: Select

Evaluate

After all courses have been selected for your upper years, click on “**Evaluate**” located at the bottom of the page. Make sure that you review the profile to ensure that you meet both the ECE program requirements **AND** the CEAB requirements.

Sample Profile – ECE Requirements

Black – courses that have been successfully completed.

Orange – courses that you are currently registered in and courses selected for future terms.

Red – courses or requirements that have not been successfully completed.

Green – requirements that have been successfully completed.

ROSI Course List							
Session							
20119	APS105H1 F Computer Fundamentals	APS111H1 F Engineering Strategies & Practice I	APS150H1 F Ethics in Engineering	CIV100H1 F Mechanics	ECE101H1 F Seminar Course: Introduction to Electrical and Computer Engineering	MAT188H1 F Linear Algebra	MAT196H1 F Calculus A
20121	APS104H1 S Introduction to Materials and Chemistry	APS112H1 S Engineering Strategies & Practice II	ECE110H1 S Electrical Fundamentals	MAT197H1 S Calculus B	MIE100H1 S Dynamics		
20129	ECE212H1 F Circuit Analysis	ECE241H1 F Digital Systems	ECE244H1 F Programming Fundamentals	MAT290H1 F Advanced Engineering Mathematics	MAT291H1 F Calculus III		
20131	ECE216H1 S Signals and Systems	ECE221H1 S Electric and Magnetic Fields	ECE231H1 S Introductory Electronics	ECE243H1 S Computer Organization	ECE297H1 S Communication and Design		
20139	APS234H1 F Entrepreneurship and Small Business	ECE302H1 F Probability and Applications	ECE320H1 F Fields and Waves	ECE331H1 F Analog Electronics	ECE335H1 F Introduction to Electronic Devices		
20141	ECE311H1 S Dynamic Systems and Control	ECE316H1 S Communication Systems	ECE334H1 S Digital Electronics	ECE342H1 S Computer Hardware	ECE488H1 S Entrepreneurship and Business for Engineers		
20149	APS304H1 F Preventive Engineering and Social Development	ECE410H1 F Control Systems	ECE431H1 F Digital Signal Processing	ECE472H1 F Engineering Economic Analysis & Entrepreneurship	ECE496Y1 Y Design Project		
20151	ECE496Y1 Y Design Project	APS302H1 S Technology in Society and the Biosphere II	ECE411H1 S Real-Time Computer Control	ECE417H1 S Digital Communication	ECE532H1 S Digital Systems Design		

Course descriptions can be obtained by clicking on the course code on the ROSI Course List.

Core Year Requirements					
First Year					
APS105H1	APS111H1	APS150H1	CIV100H1	ECE101H1	MAT188H1
MAT196H1					
APS104H1	APS112H1	ECE110H1	MAT197H1	MIE100H1	
Second Year					
ECE212H1	ECE241H1	ECE244H1	MAT290H1	MAT291H1	
ECE216H1	ECE221H1	ECE231H1	ECE243H1	ECE297H1	
Core Year Requirements Complete.					

Sample Profile – ECE Requirements (continued)

Program Requirements				
Kernel/Depth Requirements				
Meet Kernel and Depth requirements for EE designation				
Area 1	ECE335H1			
Area 2	ECE320H1			
Area 3	ECE334H1	ECE532H1	ECE331H1	
Area 4	ECE316H1	ECE311H1	ECE417H1	
Engineering Economics	ECE472H1			
Capstone	ECE496Y1			
Science/Math	ECE302H1			
Technical Electives	ECE342H1	ECE410H1	ECE411H1	
HSS and CS	APS302H1 (HSS)	APS304H1 (HSS)	APS234H1 (CS)	ECE488H1 (CS)
Free Electives	ECE431H1			
PEY/600Hours	Not Fulfilled			

Sample Profile – CEAB Requirements

Academic Units (AU's) are assigned to each course in various categories.

CEAB Requirements				
Categories	Minimum Requirement	Obtained	Projected	Outstanding Based on Projected
Total Accreditation Unit	1999	769.1	2003.6	OK
Mathematics	214.5	231.2	292	OK
Natural Science	200	134.2	214.7	OK
Mathematics and Natural Science Combined	462	365.4	506.7	OK
Engineering Science	247.5	259.9	785.5	OK
Engineering Design	247.5	86.2	388.2	OK
Engineering Science and Engineering Design Combined	990	346.1	1173.7	OK
Complementary Studies	240	57.6	323.2	OK
You have fulfilled all CEAB requirements				
Save Profile Edit Profile				

If you are satisfied with your profile, click **“Save Profile”** to CREATE your main profile.

University of Toronto - Faculty of Applied Science & Engineering

Magellan - Electrical and Computer Engineering

Profile Logout

You profile has been saved. Please [click here](#) to return to the profile page.

To return to your saved profile click on **“Click here”**.

If you wish to make additional changes, click on **“Edit Profile”** at the bottom of the page. Make the necessary changes, evaluate, review and save. Repeat the same process every time you make changes to your profile.

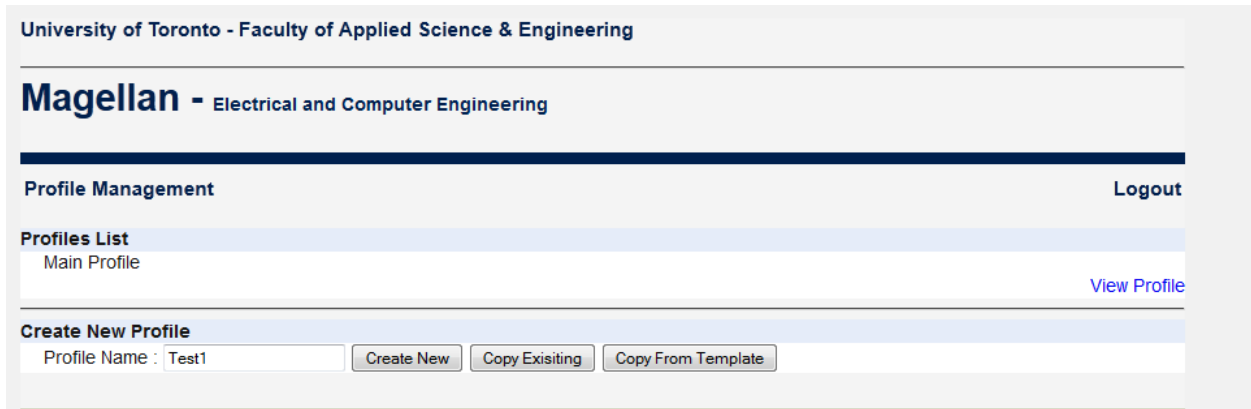
Below is a sample of a student who has not successfully completed APS105H1 and ECE110H1.

Core Year Requirements					
First Year					
APS105H1 ❌	APS111H1 ✅	APS150H1 ✅	CIV100H1 ✅	ECE101H1 ✅	MAT188H1 ✅
MAT196H1 ✅					
APS104H1 ✅	APS112H1 ✅	ECE110H1 ❌	MAT197H1 *✅	MIE100H1 ✅	
Second Year					
ECE212H1 *✅	ECE241H1 *✅	ECE244H1 *✅	MAT290H1 *✅	MAT291H1 *✅	

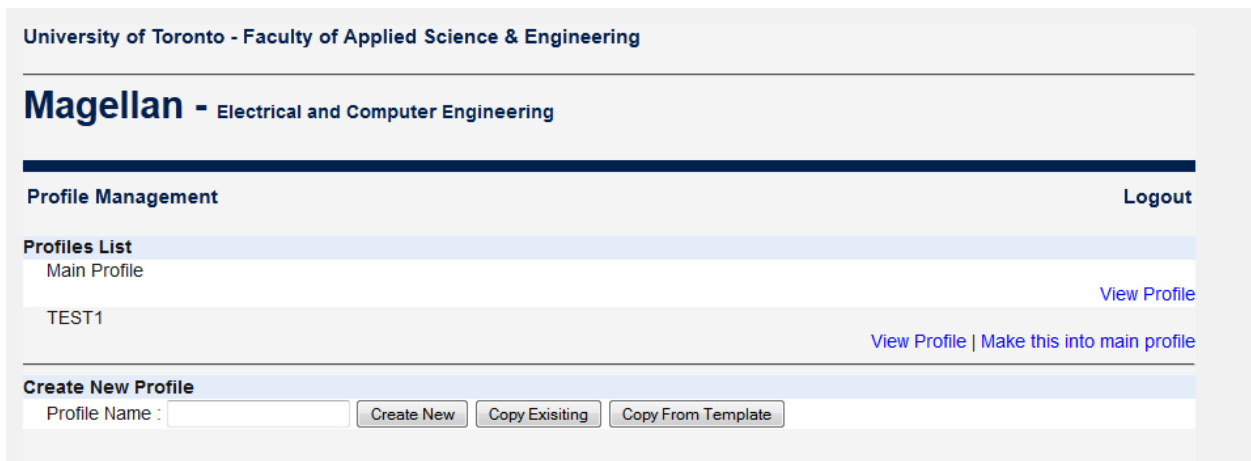
CEAB Requirements				
Categories	Minimum Requirement	Obtained	Projected	Outstanding <small>Based on Projected</small>
Total Accreditation Unit	1999	769.1	1950.2	48.8
Mathematics	214.5	231.2	292	OK
Natural Science	200	134.2	214.7	OK
Mathematics and Natural Science Combined	462	365.4	506.7	OK
Engineering Science	247.5	259.9	748.1	OK
Engineering Design	247.5	86.2	372.2	OK
Engineering Science and Engineering Design Combined	990	346.1	1120.3	OK
Complementary Studies	240	57.6	323.2	OK
You do NOT meet all CEAB requirements.				

How to create a test profile: You can create many profiles, but you will only have one main profile. One of your profiles must be saved as your main profile. If you set up multiple profiles, make sure you identify one as your **“Main Profile”**.

Under **Create New Profile**, type in a profile name. Click on **“Create New”**. Follow the same steps as in **How to edit your Main Profile** on page 8.



The “test profile” will now be listed in your Profiles List. You can make any of your profiles your **“Main Profile”** by clicking on the link **“Make this into main profile”**.



IMPORTANT: Do Not Forget To “Save Profile”

Detailed CEAB Report: To view the detailed CEAB report, click on “**View CEAB Report**” at the top of the **Profile View** page. The report provides the AU breakdown by category as well as the Total AU for each course.

Personal Information									
Name	Linda Espeut								
Student Number	0123456789								
Email	linda.espeut@utoronto.ca								
Degree Post	AEELEBASC								
AU Detail									
Transfer Credit	MAT	NS	MAT & NS	ES	ED	ES & ED	CS	Total AU	
20119	MAT	NS	MAT & NS	ES	ED	ES & ED	CS	Total AU	
APS105H1 F Computer Fundamentals	0	0	0	52.5	0	52.5	0	52.5	
APS111H1 F Engineering Strategies & Practice I	0	0	0	0	20.5	20.5	30.7	51.2	
APS150H1 F Ethics in Engineering	0	0	0	0	0	0	6.4	6.4	
CIV100H1 F Mechanics	0	35.8	35.8	15.4	0	15.4	0	51.2	
ECE101H1 F Seminar Course: Introduction to Electrical and Computer Engineering	0	0	0	12.8	0	12.8	0	12.8	
MAT188H1 F Linear Algebra	44.8	0	44.8	0	0	0	0	44.8	
MAT196H1 F Calculus A	44.8	0	44.8	0	0	0	0	44.8	
20119 Total	89.6	35.8	125.4	80.7	20.5	101.2	37.1	263.7	
20121	MAT	NS	MAT & NS	ES	ED	ES & ED	CS	Total AU	
APS104H1 S Introduction to Materials and Chemistry	0	38.4	38.4	9.6	0	9.6	0	48	
APS112H1 S Engineering Strategies & Practice II	0	0	0	0	30.7	30.7	20.5	51.2	
ECE110H1 S Electrical Fundamentals	0	24.2	24.2	24.2	0	24.2	0	48.4	
MAT197H1 S Calculus B	44.8	0	44.8	0	0	0	0	44.8	
MIE100H1 S Dynamics	0	35.8	35.8	15.4	0	15.4	0	51.2	
20121 Total	44.8	98.4	143.2	49.2	30.7	79.9	20.5	243.6	

View Course List with AU's: To view a list of courses with their corresponding AU's, go to Magellan's **Main Menu** page. The option is available under Requirements. The list is sortable by clicking on the headings.

Course descriptions can be obtained by clicking on the course code.

University of Toronto - Faculty of Applied Science & Engineering

Magellan - Electrical and Computer Engineering

Course List - 121 Courses Found Logout

Course Code	Title	Math	NS	CS	ES	ED
APM384H1 F	Partial Differential Equations	44.8	0	0	0	0
APM446H1 F	Applied Nonlinear Equations	0	0	0	0	0
APM466H1 S	Mathematical Theory of Finance	0	0	38.4	0	0
AST121H1 S	Origin and Evolution of the Universe	0	0	32	0	0
AST210H1 F	Great Moments in Astronomy	0	0	32	0	0
AST251H1 S	Life on other Worlds	0	0	32	0	0
BME440H1 S	Bioengineering Instrumentation and Technology	0	0	0	25.6	25.6
BME455H1 F	Cellular and Molecular Bioengineering II	0	16.32	0	32.64	5.44
BME595H1 S	Medical Imaging	0	9.2	0	27.5	0
CHE353H1 F	Engineering Biology	0	44.8	0	0	0
CHE354H1 S	Cellular and Molecular Biology	0	38.4	0	12.8	0
CHE568H1 S	Nuclear Engineering	0	38.4	0	89.6	0
CIV220H1 F	Urban Engineering Ecology	0	31.4	0	13.4	0
CIV300H1 S	Terrestrial Energy Systems	0	41	0	10.2	0
CIV300H1 F	Terrestrial Energy Systems	0	41	0	10.2	0
CIV320H1 S	Management of Construction	0	0	80	80	0
CSC309H1 S	Programming on the Web	0	0	0	25.5	4.5
CSC309H1 F	Programming on the Web	0	0	0	25.5	4.5
CSC326H1 F	Programming Languages	0	0	0	22.5	7.5
CSC343H1 S	Introduction to Databases	0	0	0	30	0
CSC343H1 F	Introduction to Databases	0	0	0	30	0
CSC384H1 F	Introduction to Artificial Intelligence	0	0	0	30	0
CSC384H1 S	Introduction to Artificial Intelligence	0	0	0	30	0
CSC401H1 S	Natural Language Computing	4.5	0	0	21	4.5
CSC411H1 F	Machine Learning and Data Mining	0	0	0	30	0
CSC418H1 F	Computer Graphics	0	0	0	21	9
CSC418H1 S	Computer Graphics	0	0	0	21	9
CSC443H1 F	Database System Technology	0	0	0	30	0
CSC444H1 F	Software Engineering I	0	0	0	16	16

Log Out