

ICI, LES IDÉES DE GRANDEUR SONT PERMISES

IGEE.CA



The Institute of Electrical Power Engineering (IEPE) regroups nine universities and sixteen industrial partners, including Hydro-Québec, who cooperate to provide a comprehensive training program that will meet the present and future needs of the power engineering industry.

Training program

The program is open to students in the regular Electrical Engineering program only. All students must take the required courses (21 credits including the Capstone Project). Of the six required courses, two must be taken in French and two in English.



**INSTITUT
EN GÉNIE
DE L'ÉNERGIE
ÉLECTRIQUE**

ÉCOLE POLYTECHNIQUE DE MONTRÉAL

ÉCOLE DE TECHNOLOGIE SUPÉRIEURE

UNIVERSITÉ CONCORDIA

UNIVERSITÉ LAVAL

UNIVERSITÉ MCGILL

UNIVERSITÉ DE SHERBROOKE

UNIVERSITÉ DU QUÉBEC À CHICOUTIMI

UNIVERSITÉ DU QUÉBEC À RIMOUSKI

UNIVERSITÉ DU QUÉBEC À TROIS-RIVIÈRES

	IEPE Courses	Concordia University Courses
Compulsory courses	<p>IGEE 401 Power Electronic Systems (3 crédits)</p> <p>IGEE 402 Power Systems Analysis (3 crédits)</p> <p>IGEE 405 Systèmes électromécaniques (3 crédits)</p>	<p>ELEC 433 Power Electronics (3.5 credits)</p> <p>ELEC 431 Electrical Power Systems (3.5 credits)</p> <p>ELE 4455 Systèmes électromécaniques (3 crédits)</p>
Technical electives	<p>IGEE 404 Commande des processus industriels (3 crédits)</p> <p>IGEE 407 Comportement des réseaux électriques (3 crédits) (Prérequis: IGEE 402, IGEE 405)</p> <p>IGEE 408 Électricité industrielle (3 crédits)</p> <p>IGEE 409 Protection des réseaux électriques (3 crédits) (Prérequis: IGEE 402)</p> <p>IGEE 410 Appareillage électrique et matériaux (3 crédits) (Prérequis: IGEE 402)</p> <p>IGEE 416 Réseaux de distribution (3 crédits) (Prérequis: IGEE 402)</p>	<p>ELEC 432 Control of Electrical Power Conversion Systems (3,5 credits)</p> <p>ELEC 434 Behaviour of Power Systems (3,5 credits) (Prerequisite: IGEE 402, IGEE 405)</p> <p>ELEC 438 Industrial Electrical Systems (3,5 credits)</p> <p>ELEC 436 Protection of Power Systems (3,5 credits) (Prerequisite: IGEE 402)</p> <p>ELEC 430 Electrical Power Equipment (3,5 credits) (Prerequisite: IGEE 402)</p> <p>ELE 8456 Réseaux de distribution (3 crédits) (Prérequis: IGEE 402)</p>

Scholarships

Hydro-Québec and industrial partners offer each year up to 25 scholarships, valued from \$2,500 to \$5,000, to selected IGEE students.

Eligibility criteria

To be considered in September 2011, the applicant must:

- Be registered in the B.Eng. Program (regular Electrical Engineering);
- Hold Canadian citizenship or permanent resident status;
- Have a cumulative GPA of at least 2.50 out of 4.30;
- Have completed or be registered in ELEC 331 – Fundamentals of Electrical Power Engineering;
- Complete the degree requirements at the end of 2012 Winter, Summer, or Fall terms;
- Agree to follow the curriculum requirements set out.

Deadline for 2011-2012 application

March 30, 2011

For further information and application form

Department of Electrical and Computer Engineering, Concordia University



ABB

AECOM



ALSTOM

AQPER
Association québécoise de la production
d'énergie renouvelable

BBA

BPR

Cegertec

CIMA

SYME
INTERNATIONAL T&D

DESSAU



Schneider
Electric

SNC-LAVALIN

VOITH