

ENERGY SYSTEMS ENGINEERING TECHNICIAN TWO YEAR COLLEGE DIPLOMA

ABOUT OUR PROGRAM

Graduates from our Energy Systems Engineering Technician and Technology (ESET) programs work in exciting new careers as Renewable Energy System Designers and Clean Energy System Project Managers and Installers. In addition, our graduates have expertise in building energy management and building energy systems, where they find rewarding employment as Energy Managers and Energy Auditors.

Our many successful graduates illustrate how every year, businesses, governments and consumers are becoming more concerned with the financial and environmental costs of energy usage. Our ESET graduates are filling the growing needs of this marketplace for capable people with knowledge and skills to design and implement renewable energy systems as well as to audit energy use in commercial and residential buildings and make recommendations to reduce energy demand and cost.

DEADLINE TO APPLY IS FRIDAY, JUNE 16, 2017!

CREDENTIAL: ONTARIO COLLEGE DIPLOMA

PROGRAM DURATION: 2 YEARS

DELIVERY MODE: CLASSROOM

**START DATE
SEPTEMBER 2017**



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IN PARTNERSHIP WITH



ADMISSION REQUIREMENTS

ONTARIO SECONDARY SCHOOL DIPLOMA (OSSD) OR EQUIVALENT INCLUDING THE FOLLOWING PREREQUISITES:

- **GRADE 12 ENGLISH AT THE C OR U LEVEL**
- **GRADE 12 MATH C OR U LEVEL (OR MCR3U); MCT4C RECOMMENDED.**

PROGRAM OUTLINE 2017-2018

SEMESTER 1

IETT 410 ELECTRONIC DC FUNDAMENTALS
ESET 130 ENERGY SYSTEMS 1
ESET 140 INTRO TO RENEWABLE ENERGY
COMP 75 COMPUTER APPLICATIONS IN EXCEL (30L)
MATH 2 BASIC TECHNICAL MATH
WRIT 1101 TECHNICAL COMMUNICATIONS

SEMESTER 2

ESET 210 PHYSICAL MEASUREMENT
ESET 320 AC SYSTEMS
ESET 230 ENERGY SYSTEMS II: COMMERCIAL
ESET 250 APPLIED THERMODYNAMICS
ESET 260 BASIC DRAFTING
GENE GENERAL EDUCATION COURSE

SEMESTER 3

ESET 220 ELECTRONIC DEVICES
ESET 330 ENERGY SYSTEMS III: CERT
ESET 441 RENEWABLE ENERGY SYSTEMS I
ESET 360 2D COMPUTER AIDED DRAFTING
WRIT 13 TECHNICAL WRITING
GENE GENERAL EDUCATION COURSE

SEMESTER 4

ESET 410 ENERGY SYSTEMS CONTROL
ESET 310 ELECTRIC POWER DISTR & MEETING
ESET 430 ENERGY AUDITING
ESET 442 RENEWABLE ENERGY SYSTEMS II
ESET 350 APPLIED THERMODYNAMICS
GENE 491 ENERGY PROGRAMS AND GOVT LEGISLATION

HOW TO APPLY

- **Complete a Iohahi:io application, Release of Information form and Membership Confirmation**
- **Provide official high school transcripts or GED with scores**
- **Provide college transcripts (if applicable)**
- **Provide Photo ID (Status Card)**

