

Green Education and Training Programs by Job Title

Job Title	Institution	Program Name
Air Monitoring Technician	Niagara College	<ul style="list-style-type: none"> Environmental Technician – Field and Laboratory (Co-op)
Green Building Inspector	George Brown College (Toronto)	<ul style="list-style-type: none"> Bachelor of Applied Technology – Construction and Environment Regulations Compliance (Co-op)
Green City Planner	Nipissing University	<ul style="list-style-type: none"> B.A. Environmental Geography
	George Brown College (Toronto)	<ul style="list-style-type: none"> Bachelor of Applied Technology – Construction and Environment Regulations Compliance (Co-op)
Environmental Consultant	Nipissing University	<ul style="list-style-type: none"> B.A. Environmental Geography
Green Design Engineer	McMaster University	<ul style="list-style-type: none"> Environmental and Earth Sciences Mechanical Engineering Electrical Engineering Engineering Physics Materials Engineering Mechatronics Engineering
Eco-Tourism Guide	Brock University	<ul style="list-style-type: none"> Tourism and Environment
Electrician	International Brotherhood of Electrical Workers Construction Council of Ontario (through JAC, Joint Apprenticeship Council)	<ul style="list-style-type: none"> Electrician Apprenticeship
Energy Auditor	Centennial College (Toronto)	<ul style="list-style-type: none"> Industrial and Building Energy Expertise (IBEX)
	Durham College (Oshawa)	<ul style="list-style-type: none"> Renewable Energy Technician Energy Audit Techniques
	Greensaver	<ul style="list-style-type: none"> Certified Energy Advisor Training
	Humber College (Toronto)	<ul style="list-style-type: none"> Sustainable Energy & Building Technology (SEBT) Program
	Lambton College (Sarnia)	<ul style="list-style-type: none"> Alternative Energy Engineering Technology
	McMaster University	<ul style="list-style-type: none"> Environmental and Earth Sciences Mechanical Engineering Electrical Engineering Engineering Physics Materials Engineering Mechatronics Engineering
	St. Lawrence College (Kingston)	<ul style="list-style-type: none"> Energy Systems Engineering Technician and Technology Program

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Energy Consultant	Centennial College (Toronto)	<ul style="list-style-type: none"> Energy Systems Engineering Technology Industrial and Building Energy Expertise (IBEX)
	Durham College (Oshawa)	<ul style="list-style-type: none"> Renewable Energy Technician Energy Audit Techniques
	Greensaver	<ul style="list-style-type: none"> Certified Energy Advisor Training
	Humber College (Toronto)	<ul style="list-style-type: none"> Sustainable Energy & Building Technology Program
Energy Designer	Cambrian College (Sudbury)	<ul style="list-style-type: none"> Energy Systems Technology (ESTY)
Energy Manager	Centennial College (Toronto)	<ul style="list-style-type: none"> Industrial and Building Energy Expertise (IBEX)
	Greensaver	<ul style="list-style-type: none"> Certified Energy Advisor Training
	Humber College (Toronto)	<ul style="list-style-type: none"> Sustainable Energy & Building Technology (SEBT) program
	St. Clair College	<ul style="list-style-type: none"> Energy Systems Design Technology
	University of Ontario Institute of Technology	<ul style="list-style-type: none"> Energy Systems Engineering
Energy Modeler	Cambrian College (Sudbury)	<ul style="list-style-type: none"> Energy Systems Technology (ESTY)
Energy Utility Industry Officer	McMaster University	<ul style="list-style-type: none"> Environmental and Earth Sciences Mechanical Engineering Electrical Engineering Engineering Physics Materials Engineering Mechatronics Engineering
Environmental Conservationist	Queens University	<ul style="list-style-type: none"> Bachelor of Science in Environmental Science Bachelor of Arts in Environmental Studies
Environmental Consultant	Carleton University	<ul style="list-style-type: none"> Environmental Science Sustainable and Renewable Energy Engineering
	St. Clair College	<ul style="list-style-type: none"> Energy Systems Design Technology
	University of Guelph	<ul style="list-style-type: none"> Environmental Economics & Policy Environmental Governance Environmental Management
	University of Ontario Institute of Technology	<ul style="list-style-type: none"> Energy Systems Engineering

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Job Title	Institution	Program Name
Environmental Consultant (continued)	University of Western Ontario (Center for Environment and Sustainability)	<ul style="list-style-type: none"> • Environmental Science (Baccalaureate of Science, Faculty of Science) • Environmental Engineering (Baccalaureate of Engineering, Faculty of Engineering) • Environmental Studies (Major and Minor programs, Faculty of Social Science)
	York University	<ul style="list-style-type: none"> • Environmental Studies (BES) with specialization in: <ul style="list-style-type: none"> ○ Environmental Politics: Development, Globalization and Justice ○ Urban & Regional Environments: Analysis, Planning and Design ○ Environment & Culture: Philosophy, Arts, Technology and Education • Masters in Environmental Studies
	Niagara College	<ul style="list-style-type: none"> • Environmental Technician-Field and Laboratory (Co-op) • Graduate Programs in: <ul style="list-style-type: none"> ○ Ecosystem Restoration ○ Environmental Management and Assessment ○ Geographic Information Systems – Geospatial Management
	Northern College	<ul style="list-style-type: none"> • Environmental Technician – Water and Wastewater Systems Operations
Environmental Economist	University of Guelph	<ul style="list-style-type: none"> • Environmental Economics & Policy • Environmental Governance • Environmental Management
Environmental Engineer	University of Toronto	<ul style="list-style-type: none"> • Environmental Engineering – Faculty of Applied Science and Engineering
Environmental Field Technicians	Niagara College	<ul style="list-style-type: none"> • Environmental Technician-Field and Laboratory (Co-op) • Graduate Programs in: <ul style="list-style-type: none"> ○ Ecosystem Restoration ○ Environmental Management and Assessment • GIS – Geospatial Management

Green Education and Training Programs by Job Title

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437 Turnberry Street. Upper Suite

PO Box 29

Brussels, ON N0G 1H0

Prepared by:
Midwestern Ontario Regional
**Green Jobs
Strategy**

437 Turnberry Street. Upper Suite
PO Box 29
Brussels, ON N0G 1H0

Phone: 519-887-2694

Fax: 519-887-9564

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Job Title	Institution	Program Name
Environmental Impact Assessor	Carleton University	<ul style="list-style-type: none"> • Environmental Science • Sustainable and Renewable Energy Engineering
	York University	<ul style="list-style-type: none"> • Environmental Studies (BES) with specialization in: <ul style="list-style-type: none"> ○ Environmental Politics: Development, Globalization and Justice ○ Urban & Regional Environments: Analysis, Planning and Design ○ Environment & Culture: Philosophy, Arts, Technology and Education • Masters in Environmental Studies
Environmental Lab Technicians	Niagara College	<ul style="list-style-type: none"> • Environmental Technician-Field and Laboratory (Co-op) • Graduate Programs in: <ul style="list-style-type: none"> ○ Ecosystem Restoration ○ Environmental Management and Assessment • Geographic Information Systems – Geospatial Management
Environmental Lawyer	Trent University	<ul style="list-style-type: none"> • Indigenous Environmental Studies • Bachelor of Arts (Environmental Studies) • Bachelor of Science (Environmental Science)
	University of Ottawa	<ul style="list-style-type: none"> • Environmental Law
	Wilfrid Laurier University	<ul style="list-style-type: none"> • Environmental Science (BSc) • Environmental Studies (BES)
Environmental NGO Program Manager	Trent University	<ul style="list-style-type: none"> • Indigenous Environmental Studies • Bachelor of Arts (Environmental Studies) • Bachelor of Science (Environmental Science)
	Wilfrid Laurier University	<ul style="list-style-type: none"> • Environmental Science (BSc) • Environmental Studies (BES)
	University of Guelph	<ul style="list-style-type: none"> • Environmental Economics & Policy • Environmental Governance • Environmental Management

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Environmental Officer	Carleton University	<ul style="list-style-type: none"> • Environmental Science • Sustainable and Renewable Energy Engineering
	George Brown College (Toronto)	<ul style="list-style-type: none"> • Bachelor of Applied Technology – Construction and Environment Regulations and Compliance (Co-op)
	Sir Sandford Fleming College	<ul style="list-style-type: none"> • Environmental Technician • Environmental Technologist
	University of Guelph	<ul style="list-style-type: none"> • Environmental Economics & Policy • Environmental Governance • Environmental Management
	York University	<ul style="list-style-type: none"> • Environmental Studies (BES) with specialization in: <ul style="list-style-type: none"> ○ Environmental Politics: Development, Globalization and Justice ○ Urban & Regional Environments: Analysis, Planning and Design ○ Environment & Culture: Philosophy, Arts, Technology and Education • Masters in Environmental Studies
Environmental Policy Advocate	Queens University	<ul style="list-style-type: none"> • Bachelor of Science in Environmental Science • Bachelor of Arts in Environmental Studies
Environmental Policy Analyst	Queens University	<ul style="list-style-type: none"> • Bachelor of Science in Environmental Science • Bachelor of Arts in Environmental Studies
	University of Guelph	<ul style="list-style-type: none"> • Environmental Economics & Policy • Environmental Governance • Environmental Management
	University of Toronto	<ul style="list-style-type: none"> • Environmental Engineering – Faculty of Applied Science and Engineering
	University of Western Ontario (Center for Environment and Sustainability)	<ul style="list-style-type: none"> • Environmental Science (Baccalaureate of Science, Faculty of Science) • Environmental Engineering (Baccalaureate of Engineering, Faculty of Engineering) • Environmental Studies (Major and

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Job Title	Institution	Program Name
Environmental Policy Analyst (continued)		Minor programs, Faculty of Social Science)
	York University	<ul style="list-style-type: none"> • Environmental Studies (BES) with specialization in: <ul style="list-style-type: none"> ○ Environmental Politics: Development, Globalization and Justice ○ Urban & Regional Environments: Analysis, Planning and Design ○ Environment & Culture: Philosophy, Arts, Technology and Education • Masters in Environmental Studies
Environmental Policy Maker	McMaster University	<ul style="list-style-type: none"> • Environmental and Earth Sciences • Mechanical Engineering • Electrical Engineering • Engineering Physics • Materials Engineering • Mechatronics Engineering
Environmental Project Manager	Seneca College	<ul style="list-style-type: none"> • Environment and Site Remediation (ESR)
Environmental Protection Specialist	Trent University	<ul style="list-style-type: none"> • Indigenous Environmental Studies • Bachelor of Arts (Environmental Studies) • Bachelor of Science (Environmental Science)
	Wilfrid Laurier University	<ul style="list-style-type: none"> • Environmental Science (BSc) • Environmental Studies (BES)
Environmental Site Assessor	Seneca College	<ul style="list-style-type: none"> • Environment and Site Remediation (ESR)
Environmental Technician	Sir Sandford Fleming College	<ul style="list-style-type: none"> • Environment Technician • Environment Technologist
Environment Compliance Officer	Canadore College	<ul style="list-style-type: none"> • Environmental Technician – Protection and Compliance
Field Engineer	McMaster University	<ul style="list-style-type: none"> • Environmental and Earth Sciences
Field Supervisors	Niagara College	<ul style="list-style-type: none"> • Environmental Technician-Field and Laboratory (Co-op) • Graduate Programs in: <ul style="list-style-type: none"> ○ Ecosystem Restoration ○ Environmental Management and Assessment

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		<ul style="list-style-type: none">• Geographic Information Systems – Geospatial Management

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Green Building Construction and Design	Sir Sandford Fleming College (Haliburton)	<ul style="list-style-type: none"> Sustainable Building Design and Construction
	Mohawk College of Applied Arts and Technology (Hamilton)	<ul style="list-style-type: none"> Energy Systems Engineering Technology – Clean and Renewable Energy
Green Business Development Manager	Seneca College	<ul style="list-style-type: none"> Green Business Management
	University of Waterloo	<ul style="list-style-type: none"> Environment and Business
Green Electrician	Mohawk College of Applied Arts and Technology (Hamilton)	<ul style="list-style-type: none"> Energy Systems Engineering Technology – Clean and Renewable Energy
Green Entrepreneur	Seneca College	<ul style="list-style-type: none"> Green Business Management
	University of Waterloo	<ul style="list-style-type: none"> Environment and Business
Green HVAC Specialist	Centennial College (Toronto)	<ul style="list-style-type: none"> Energy Systems Engineering Technology
	Durham College (Oshawa)	<ul style="list-style-type: none"> Renewable Energy Technician
	Mohawk College of Applied Arts and Technology (Hamilton)	<ul style="list-style-type: none"> Energy Systems Engineering Technology – Clean and Renewable Energy
	George Brown College (Toronto)	<ul style="list-style-type: none"> Heating, Refrigeration and Air Conditioning Program
Green Roof Designer	Green Roofs for Healthy Cities	<ul style="list-style-type: none"> Green Roof Professional Certification
Green Roof Installer	Green Roofs for Healthy Cities	<ul style="list-style-type: none"> Green Roof Professional Certification
Groundwater Technician	Sir Sandford Fleming College	<ul style="list-style-type: none"> Environment Technician Environmental Technologist
Health and Safety Officer	Canadore College	<ul style="list-style-type: none"> Environmental Technician – Protection and Compliance
Industrial Design Engineer	St. Clair College	<ul style="list-style-type: none"> Energy Systems Design Technology
LEED Accredited Professional (Leaders in Environmental and Energy Design)	Canada Green Building Council	<ul style="list-style-type: none"> LEED AP Certification
Manufacturing Engineer	McMaster University	<ul style="list-style-type: none"> Environmental and Earth Sciences Mechanical Engineering Electrical Engineering Engineering Physics Materials Engineering Mechatronics Engineering
Natural Resources Management	Queens University	<ul style="list-style-type: none"> Bachelor of Science in Environmental Science Bachelor of Arts in Environmental Studies
Officer Environmental Impact Assessor	Nipissing University	<ul style="list-style-type: none"> B.A. Environmental Geography

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Park Naturalist	Trent University	<ul style="list-style-type: none"> • Indigenous Environmental Studies • Bachelor of Arts (Environmental Studies) • Bachelor of Science (Environmental Science)
	Wilfrid Laurier University	<ul style="list-style-type: none"> • Environmental Science (BSc) • Environmental Studies (BES)
Plant Operators	Niagara College	<ul style="list-style-type: none"> • Environmental Technician-Field and Laboratory (Co-op) • Graduate Programs: <ul style="list-style-type: none"> ○ Ecosystem Restoration ○ Environmental Management and Assessment ○ Geographic Information Systems – Geospatial Management
Policy Advocate	University of Ottawa	<ul style="list-style-type: none"> • Environmental Law
Policy Analyst	Trent University	<ul style="list-style-type: none"> • Indigenous Environmental Studies • Bachelor of Arts (Environmental Studies) • Bachelor of Science (Environmental Studies)
	University of Ottawa	<ul style="list-style-type: none"> • Environmental Law
	Wilfrid Laurier University	<ul style="list-style-type: none"> • Environmental Science (BSc) • Environmental Studies (BES)
Project Engineer	Lambton College (Sarnia)	<ul style="list-style-type: none"> • Alternative Energy Engineering Technology
PV Solar Design	Seneca College (Toronto)	<ul style="list-style-type: none"> • Photovoltaic (PV) Technician Program
PV Solar Installer	Seneca College (Toronto)	<ul style="list-style-type: none"> • Photovoltaic (PV) Technician Program
Remediation Technologist/Specialist	Seneca College	<ul style="list-style-type: none"> • Environment and Site Remediation (ESR)

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Renewable Energy Technician	Canadore College	<ul style="list-style-type: none"> • Environmental Technician – Protection and Compliance
	Carleton University	<ul style="list-style-type: none"> • Environmental Science • Sustainable and Renewable Energy Engineering
	Durham College (Oshawa)	<ul style="list-style-type: none"> • Renewable Energy Technician • Energy Audit Techniques
	McMaster University	<ul style="list-style-type: none"> • Environmental and Earth Sciences • Mechanical Engineering • Electrical Engineering • Engineering Physics • Materials Engineering • Mechatronics Engineering
	St. Clair College	<ul style="list-style-type: none"> • Energy Systems Design Technology
	University of Ontario Institute of Technology	<ul style="list-style-type: none"> • Energy Systems Engineering
	Research Assistants	Niagara College
Soil/terrain Specialist	Sir Sandford Fleming	<ul style="list-style-type: none"> • Environment Technician • Environmental Technologist
Solar Hot Water System Installer	CANSIA	<ul style="list-style-type: none"> • Solar Hot Water Installation
Solar Panel Installer	Kortright Centre	<ul style="list-style-type: none"> • Photovoltaic Training Courses
	St. Lawrence College (Kingston)	<ul style="list-style-type: none"> • Energy Systems Engineering Technician and Technology Program
Solar PV Manufacturer	Mohawk College and Applied Arts and Technology (Hamilton)	<ul style="list-style-type: none"> • Energy Systems Engineering Technology – Clean and Renewable Energy
Solar Service Technician	Kortright Centre	<ul style="list-style-type: none"> • Photovoltaic Training Courses
Solar Thermal Installer	St. Lawrence College (Kingston)	<ul style="list-style-type: none"> • Energy Systems Engineering Technician and Technology Program
Solid Waste Management	Northern College	<ul style="list-style-type: none"> • Environmental Technician – Water and Wastewater Systems Operations

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Specialized Architectural and Construction Practitioners	Algonquin College of Applied Arts and Technology	<ul style="list-style-type: none"> • Green Architecture
Sustainability Manager	George Brown College (Toronto)	<ul style="list-style-type: none"> • Bachelor of Applied Technology – Construction and Environment: Regulations and Compliance (Co-op)
	Seneca College	<ul style="list-style-type: none"> • Green Business Management
	University of Waterloo	<ul style="list-style-type: none"> • Environment and Business
	University of Western Ontario - Center for Environment and sustainability	<ul style="list-style-type: none"> • Environmental Science (Baccalaureate of Science, Faculty of Science) • Environmental Engineering (Baccalaureate of Engineering, Faculty of Engineering) • Environmental Studies (Major and Minor programs, Faculty of Social Science)
	York University	<ul style="list-style-type: none"> • Environmental Studies (BES) with Specialization in: • Environmental Politics: Development, Globalization and Justice • Urban & Regional Environments: Analysis, Planning and Design • Environment & Culture: Philosophy, Arts, Technology and Education
	York University	Masters in Environmental Studies
Technicians and Technologists Environmental Consultant	Algonquin College of Applied Arts and Technology	<ul style="list-style-type: none"> • Green Architecture
Wastewater Management	Queens University	<ul style="list-style-type: none"> • Bachelor of Science in Environmental Science • Bachelor of Arts in Environmental Studies
Water and Wastewater Technologist	Northern College	<ul style="list-style-type: none"> • Environmental Technician Water and Wastewater System Operations

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Water Quality Inspector	Trent University	<ul style="list-style-type: none"> • Indigenous Environmental Studies • Bachelor of Arts (Environmental Studies) • Bachelor of Science (Environmental Science)
	Wilfrid Laurier University	<ul style="list-style-type: none"> • Environmental science (BSc) • Environmental Studies (BES)
Water Quality Technician	Sir Sandford Fleming College	<ul style="list-style-type: none"> • Environment Technician • Environmental Technologist
Waste/Wastewater Treatment	Niagara College	<ul style="list-style-type: none"> • Environmental Technician-Field and Laboratory (Co-op) • Graduate Programs: <ul style="list-style-type: none"> ○ Ecosystem Restoration ○ Environmental Management and Assessment ○ Geographic Information Systems – Geospatial Management
Watershed Technician	Sir Sandford Fleming College	<ul style="list-style-type: none"> • Environment Technician • Environmental Technologist