

# ASSOCIATE DIPLOMA IN ENVIRONMENTAL MANAGEMENT

This program applies technical and practical skills training in both a municipal/industrial stream as well as a rural/agricultural stream. The program is designed to address the critical shortage of trained and qualified sewage and/or water plant operators, and to train and certify personnel to assist growers in addressing nutrient management and source water protection regulations that affect many farms and rural residents across Ontario.

DENM*4070	Waste and Water Operation Techniques	0.50
DENM*4080	Entry-Level Drinking Water Operations	0.50
DENM*4100	Land Use Planning	0.50
DENM*4120	Advanced GIS	0.50
DENM*4210	Nutrient Management	0.50
DENM*4250	Solid Waste Management	0.50

## Required Courses

Code	Title	Credits
<b>Semester 1 - Fall</b>		
DAGR*1090	Communications & Software Applications I	0.50
DENM*1000	Environmental Science and Issues	0.50
DENM*1120	Mathematics for Environmental Operators	0.50
DENM*1300	Environmental Law and Ethics	0.50
DENM*1200	Spills and Contaminated Site Remediation	0.50
DENM*2200	Environmental Monitoring	0.50
<b>Semester 2 - Winter</b>		
DAGR*2090	Communications & Software Applications II	0.50
DENM*2150	Water Resource Management	0.50
DENM*3000	Data Analysis and Statistics	0.50
DENM*3100	Introduction to Applied Microbiology	0.50
DHRT*2230	Soil and Water Use in Agroecosystems	0.50
Select 0.50 credits from the following:		
DAGR*2150	Precision Agriculture	0.50
DAGR*3130	Sales and Sales Management	0.50
DENM*2020	Advanced Math and Water Chemistry	0.50
<b>Semester 3 - Fall</b>		
DENM*2000	Occupational Health and Safety	0.50
DENM*2100	Ecology	0.50
DENM*3120	Introduction to GIS	0.50
DENM*3300	Business Practices and Compliance	0.50
Select 1.00 credits from the following:		
DAGR*1200	Applied Plant Science	0.50
DENM*3150	Agriculture and Environmental Stewardship	0.50
DENM*3200	Water Treatment	0.50
DENM*3210	Sewage and Waste Water Treatment	0.50
DENM*3910	Special Study Project	0.50
<b>Semester 4 - Winter</b>		
DAGR*4600	Human Resource Management	0.50
DENM*4050	Environmental Project	0.50
DENM*4400	Environmental Industry Placement	0.00
Select 2.00 credits from the following:		
DAGR*4150	Renewable Energy and Agriculture	0.50
DENM*3160	Agricultural Chemicals in the Environment	0.50
DENM*3220	Water Distribution and Wastewater Collection	0.50