

## ENVIRONMENTAL SCHOOL

The Environmental School (ES) Program is brought to you by the National Garden Clubs, Inc. (NGC).

This educational opportunity is a series of Four Courses designed to stimulate interest and understanding of our environment. They encompass Land Conservation and Trust, Water Conservation, Groundwater Protection, Air Quality, Energy Awareness, Waste, Litter and Recycling.

Members of MGC Garden Clubs that complete the program are designated as **Environmental Consultants**. They are eligible to join **Michigan Consulting Council** that organizes programs for members to further their education in the areas of Environment, Landscape Design and Horticulture.

Each course consists of 10 hours of instruction, a course outline and a reading assignment. A student wishing to take the optional exam must attend all **10 hours**.

*Please note:*

ES Course 4, **Water and Related Issues**, will be held on April 9 & 10, 2018  
First Reformed Church, 630 State Street,  
Holland, MI 49423

## PROGRAM SCHEDULE

### Monday, October 16, 2017

**9:00 am** Registration, Hospitality  
**9:15 am** **ECOLOGY-Air**  
Hope College Faculty  
**10:15 am** **Break**  
**10:30 am-** **PLANTS-The Rain Forest**  
**11:30 am** Hope College Faculty  
**11:35 am -** **SUPPLEMENTAL SUBJECT**  
**12:35 pm** "Toxins in the Home"  
**12:35 pm-1:15 pm** **Lunch**  
**1:15 pm-** **ENVIRONMENTAL SCIENCE-**  
**2:15** **POLLUTION**  
Hope College Faculty  
**2:25 pm-** **FIELD TRIP-Hope College**  
**4:25 pm** LEED Buildings  
**4:40 pm** REVIEW

### Tuesday, October 17, 2017

**9:00 am** Registration, Hospitality  
**9:15-10:15** **INITIATING SCHOOL PROGRAMS**  
*Michelle Gibbs,*  
**10:20 am** **EARTH STEWARDSHIP**  
Material sources & Citizen  
Education Programs:  
*Michelle Gibbs*  
**11:20 am** **Lunch**  
**12:20-1:20** **WILDLIFE-ENDANGERED PLANTS & WILDLIFE**  
De Graaf Nature Center Staff  
**1:30-2:30 pm** **ENVIRONMENTAL ETHICS**  
Hope College Faculty  
**2:40 pm** **Break**  
**3:00 pm** **Review**  
**3:45 pm** **Exam**

## REGISTRATION MGC Environmental School, Course 3

**October 16-17, 2017**

*Please Register Early-Deadline Oct. 4th  
Please Print*

Name: \_\_\_\_\_

Street: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

Garden Club \_\_\_\_\_

District \_\_\_\_\_

Special Diet Needs: \_\_\_\_\_

Taking Exam                      Yes      No

Refreshing:                      Yes      No

**Course Registration: \$65.00**

**Exam/Refresh Fee        \$5.00**

**Amount enclosed** \_\_\_\_\_

*Make check payable to:*

**MGC. Inc. Environmental School**

*Send to: Registrar:*

Lynn Miller

427 Adaway SE

Ada, MI 49301

[lmiller.garden@yahoo.com](mailto:lmiller.garden@yahoo.com)

616-676-2274

Required Reading

*The National Gardener* Subscription  
 1 year (4 issues) \$6.50  
*Living in the Environment*-G. Tyler Miller, Jr. Available: NGC Member Services, or online bookstores, latest Edition is Seventeenth  
 Course 3: Ch. 1, 3, 4, 7, 12, 17, 18, 19, 21,24,25 Suppl: 3, 4, 7, 8, 9  
 Glossary Course 3,  
 Vocabulary from  
*Living in the Environment*  
 Acid Deposition  
 Aldo Leopold  
 Atmosphere  
 Clean Air Act  
 Ecocentric  
 Epipilytes  
 Ethics  
 Extinction  
 Extractive reserves  
 First law of ecology  
 Fossil fuel  
 Global warming  
 Green house effect  
 Oxygen cycle  
 Photochemical smog  
 Primary air pollutant  
 Rain forest  
 Resource Conservation & Recovery Act  
 Superfund Act  
 Thermal inversion  
 Threatened species  
 Weathering  
 Wildlife Management

ENVIRONMENTAL SCHOOL COMMITTEE	
President, MGC	Carol Brodbeck
District IV Director	Monica Taylor
MGC 3 <sup>rd</sup> Vice President	Rita Crawley
Schools State Chair MGC ES	Bethany Goodman
Registrar	Lynn Miller <a href="mailto:lmiller.garden@yahoo.com">lmiller.garden@yahoo.com</a>
School Chair	Deannie Picciotti <a href="mailto:dmp77@charter.net">dmp77@charter.net</a>

**HOTEL ACCOMODATIONS**

**Haworth Inn \$132.**  
 225 College Ave  
 Holland, MI 49423 (616-395-7200)

**Hampton Inn \$126.**  
 12427 Felch Street  
 Holland, MI 49424 (844-402-3687)

**Double Tree by Hilton**  
 650 E 24<sup>th</sup> Street  
 Holland, MI 49423 (616-394-0111)  
 (Please check online for hotels in Holland, most standard chains are located on Hwy 31 with easy access to Downtown Holland)

**ES LOCATION**

**First Reformed Church**  
**630 State Street**  
**Holland, MI 49424**  
 Deannie Picciotti: Chair  
 Cell 616-283-7744 [dmp77@charter.net](mailto:dmp77@charter.net)

**Environmental School**

**Course 3**

**October 16-17, 2017**

*hosted by*

**District IV,  
Michigan**

**Garden Clubs, Inc.**

[www.michigangardenclubs.org](http://www.michigangardenclubs.org)



**&**

**National Garden Clubs,**

[www.gardenclub.org](http://www.gardenclub.org)



**Central Region Garden Clubs, Inc**

[www.ngccentralregion.org](http://www.ngccentralregion.org)



**School Location:**

**First Reformed Church**  
**630 State Street**  
**Holland, MI 49423**