

Curriculum Schedule

Subject to Change

NRCC 2012 NATURAL RESOURCES CAREERS CAMP

Sunday, July 22 – Saturday, July 28, 2012

Hickory Environmental Education Center
604 Pride Parkway, Accident, Maryland
Garrett County
301-746-8461

Presented by

**The Maryland Association of Forest
Conservancy District Boards
The Maryland Forestry Boards Foundation
and
Allegany College of Maryland**

In partnership with
**The Maryland Department of Natural Resources—
Forest Service**

Students successfully completing the entire week-long NRCC 2012 will be eligible to:

- Apply for one of three \$500 college scholarships.
- Complete Boy Scouts requirements to earn the Forestry Merit Badge.
- Receive two (2) credits at Allegany College of Maryland for an INTRODUCTION TO FORESTRY course with these conditions and benefits:
 - ✓ Students must pass an exam at the end of the week and must turn 16 years of age by July 28, 2012.
 - ✓ Students must pay tuition plus fees to Allegany College of Maryland. The cost will depend on your County/State of residence plus your high school status (returning to high school vs. graduate).
 - ✓ Credits will transfer to most community colleges in Maryland.
 - ✓ Credits will also transfer to Frostburg State University, Morgan State University, Salisbury University, University of Baltimore or University of Maryland University College.
 - ✓ Credits may transfer to Capitol College, Johns Hopkins University School of Professional Study, Mount St. Mary's University or Washington College. Students must inquire at each of these schools independently.
 - ✓ Credits would likely also transfer to Pennsylvania State University, Virginia Polytechnic Institute and State University, or West Virginia University to fulfill their introductory forestry course requirement.

SUNDAY, JULY 22

Parents drop students off between 3 and 4 pm.

3:00 – 4:00	Registration, Cabin Assignments & Photos
4:00 – 4:30	Welcome— Gabrielle Oldham, NRCC Director
4:30 – 5:00	Meet Your Group & Counselor— Steve Resh Forestry Interns from Allegany College of Maryland
5:00 – 6:00	Icebreaker Activities
6:00 – 7:00	Cookout Dinner
7:00 – 8:30	Introduction to Wildlife Management
8:30 – 10:00	Maryland’s Misunderstood Mammal
10:00 – 10:30	Snacks
10:30	To Cabins
11:00	Lights Out

MONDAY, JULY 23

7:00 – 7:50	Rise & Shine/Clean Cabins
7:30 – 7:50	Steve’s Morning Movies
7:50 – 8:00	Announcements — Steve Resh or Gabrielle Oldham
8:00 – 9:00	Breakfast/Clean-up
9:00 – 10:30	Tree Identification
10:30 – 11:15	Break <i>Students interested in College Credits will officially register.</i>
11:15 – 12:00	Developing a Management Plan — Bernie Zlomek
12:00 – 1:00	Lunch
1:00 – 1:30	Travel by bus to Casselman River State Park, Grantsville, MD <i>Students rotate in three groups through the following three activities.</i>
1:30 – 2:30	Save our Streams Lesson
2:30– 3:30	Soils
3:30 – 4:30	Forest Fire Suppression
4:30 – 5:00	Return by bus to Hickory Environmental Center
5:00 – 6:00	Recreation
6:00 – 7:00	Dinner with Career Night guests
7:00 - 8:00	Career Night – Steve Resh
8:00 – 10:00	Scale n’ Tales — Maryland DNR Park Service
10:00 – 10:30	Snacks
10:30	To Cabins
11:00	Lights Out

TUESDAY, JULY 24

7:00 – 7:50	Rise & Shine/Clean Cabins
7:50 – 8:00	Announcements — Steve Resh or Gabrielle Oldham
8:00 – 9:00	Breakfast/Clean-up
7:30 – 7:50	Steve’s Morning Movies
9:00 – 11:00	GPS Boundary Area Data Collection — Steve Resh
11:00- 12:00	Transfer data from GPS to Computers
12:00 – 1:00	Lunch
1:00 – 2:00	Using GIS – Garrett College
2:00 - 4:00	Team GIS Project
4:00 – 6:00	Recreation
6:00 – 7:00	Dinner/Clean-up
7:00 – 8:30	Basic Tree Measurement Tools (DBH, Merchantable Height and Tree Volume) — Steve Resh
8:30 – 10:00	Keeping or making your forest healthy (Silviculture)
10:00 – 10:30	Snacks
10:30	To Cabins
11:00	Lights Out

WEDNESDAY, JULY 25

6:45 – 7:15	Rise & Shine/Clean cabins
7:15 – 7:45	Breakfast/Cleanup
7:45 - 8:30	Travel to Wood Products Inc. Sawmill, Oakland, MD.
8:30 – 10:30	Tour Sawmill
10:30 – 11:00	Travel to Deep Creek Lake State Park, Garrett County
11:00 – 12:15	Forest Measurements/Silviculture discussion
12:15 – 12:45	Box lunch at the Park
12:45 – 3:45	Forest Measurements/Forest health Field Work
3:45 – 5:30	Swimming at Deep Creek OR Fire Tower Guided Hike
5:30 – 6:00	Return to Hickory Environmental Center
6:00 – 7:00	Dinner with College Night guests.
7:00 – 9:00	College Night — Steve Resh
9:00 – 10:00	Western Maryland Nocturnal Sounds – Kevin Dodge
10:00 – 10:30	Snacks
10:30	To Cabins
11:00	Lights Out

THURSDAY, JULY 26

7:00 – 7:50	Rise & Shine/Clean Cabins
7:30 – 7:50	Steve’s Morning Movies
7:50 – 8:00	Announcements — Steve Resh or Gabrielle Oldham
8:00 – 9:00	Breakfast/Clean-up
9:00 – 11:00	Data Collection (volumes/acre)
11:00 – 12:00	Panel Introduction to Arboriculture, Commercial, Utility & Urban Forestry — Peter Becker, Dan Landry, Becky Wilson
12:00 – 1:00	Lunch
1:00 – 2:00	Pepco Hot Line Demonstration — Dan Landry
2:00 – 5:00	Tree Planting & Pruning, Davey Tree <i>Students rotate in three groups through these activities.</i> Tree Climbing — Bartlett Tree Experts Staff Chain Saw Safety and cutting—Steve Resh
5:00 – 6:00	Recreation
6:00 – 7:00	Dinner/Clean-up
7:00 – 8:00	Data Workup — Allegany Interns and groups
8:00 – 10:00	Bear Management in Maryland – Harry Spiker
10:00 – 10:30	Snacks
10:30	To Cabins
11:00	Lights Out

FRIDAY, JULY 27

7:00 – 7:50	Rise & Shine/Clean Cabins
7:30 – 7:50	Steve’s Morning Movies
7:50 – 8:00	Announcements — Steve Resh or Gabrielle Oldham
8:00 – 9:00	Breakfast/Clean-up
9:00 – 12:00	Plan Preparation — Allegany Interns
12:00 – 1:00	Lunch
1:00 – 1:30	Visit with Landowners
1:30 – 5:00	Management Plan Preparation — Allegany Interns and groups
5:00 – 6:00	Recreation <i>Students enrolled in college course will complete a short exam.</i>
6:00 – 7:00	Dinner/Clean-Up
7:00 – 10:30	Campfire/Snacks
10:30	To Cabins
11:00	Lights Out

SATURDAY, JULY 28

Parents are invited to attend the Management Plan Presentations & Awards Ceremony

7:00 – 7:50	Rise & Shine/Clean Cabins
7:50 – 8:00	Announcements — Steve Resh or Gabrielle Oldham
8:00 – 9:00	Breakfast/Clean-up
9:00 – 10:00	Pack/Camp Clean-up/Inspection
10:00 – 12:00	Management Plan Team Presentations — Bernie Zlomek
12:00 – 12:30	Awards Ceremony — Steve Resh, Gabe Oldham, Allegany Interns
12:30	Depart Hickory