



Horry-Georgetown Technical College

Forestry Management Technology Programs

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Page 1

... Meeting the
“Swamp Logger”

Page 2

... New Certificate in
Natural Resources &
the Environment
... Summer Semester
Internet Course
Offerings

Page 3

... Enrollment Made
Easy
... HGTC Recruiters
will come to Your
High School or
Group
... Fall Admissions
Continue to Boom
... HGTC offers 3
Emphasis Areas in
Forestry

Page 4

... Forestry
Management
Technology
Curriculum Displays:
- Forest Business
- Wildlife Mgt.
- Timber Harvesting

Students get to greet Bobby Goodson, “The Swamp Logger”

Ten HGTC Forestry students were able to attend the 2011 Annual Meeting of the South Carolina Timber Producers Association in Myrtle Beach last month. In addition to outstanding speakers and exhibits, the students were able to meet and greet Bobby Goodson the “Swamp Logger” from the Discovery Channel series.



The meeting afforded the students opportunities to learn more about the timber harvesting industry from the 300 attendees and 20+ vendors. The program featured an overview of the US Logging Sector by Matt Jensen, President of the American Loggers Council and owner / operator of Whitetail Logging in Wisconsin. Tom Reed, Vice President of Southern Resources for Plum Creek Timber spoke of their broad vision for natural resource management on 6.8 million acres of forest land.

Dr. Dale Greene of the University of Georgia spoke on the results of a recent study by the Wood Supply Research Institute on *Integrating Large Scale Biomass Operations* into the wood supply chain and Larry Cumming, President of Peterson-Pacific Corporation talked about the variables one needs to consider when selecting biomass processing and screening equipment for these developing markets.

At the awards luncheon, Bobby Goodson of Goodson All Terrain Logging spoke how he got into the timber harvesting profession and how he became a “swamp logger” in particular. There are over eleven members of the Goodson family involved in the logging business in Eastern North Carolina.

Through the Swamp Logging television series Bobby and his crew have realized that they have become spokespersons for the Timber Harvesting industry and that it is critical to give a fair and truly representative picture of what a small business must do each day to succeed and of the forest products industry as a whole. He feels that the show has enough drama on a day-to-day basis without introducing a “reality tv” spin to the show. Bobby and his wife Lori, enjoyed speaking at length with all who were at the meeting over the course of the weekend.

In the afternoon, Sgt. Don Rhodes with the South Carolina State Transport Police gave a workshop on the Comprehensive Safety Analysis 2010 Trucking Regulations – A Look at the New Standards.

The students had a great time and got an inside look at the Timber Harvesting Sector in South Carolina.

New Natural Resources & Environment Certificate

The Forestry Faculty now offers a Certificate Program in Natural Resources and the Environment. All the classes in this certificate will be available via Internet, in addition to on campus courses. The target audience for this certificate include potential students who are beyond our traditional service area, in particular High School Seniors across the state who seek to jump start their college studies; students who are attending another college due to finances and may join HGTC later; individuals seeking to develop a second career or displaced workers seeking retraining and an option for private landowners who seek a better understanding of their property and environment.

Natural Resources and Environment Certificate

The curriculum provides insights into the conservation and use of our natural resources in an effort to develop a student's understanding of how our varied natural resources are managed. This certificate would be suitable for people currently working with the natural resource industry or public agencies that do not have any formal training or for anyone interested in entering this field. (Students may find this option a beginning point for the associate degree program or beyond.) Students will earn a Natural Resources and Environment Certificate and be qualified to take entry level positions as a Forest Aide, Natural Resource Aid, Biological Science Aide, etc.

1st Semester

| | | |
|---------|-----------------------------|--------------------|
| FOR-102 | Multiple Use of Forestlands | 3 credits * |
| NRM-230 | Wildlife Management I | 3 credits |
| FOR-154 | Mensuration | <u>3 credits *</u> |
| | Total | 9 credits |

2nd Semester

| | | |
|---------|-----------------------------------|--------------------|
| FOR-230 | Forest Products | 2 credits * |
| NRM-231 | Habitat Assessment & Applications | 3 credits |
| NRM-130 | Outdoor Recreation | 3 credits |
| Or | | |
| FOR-206 | Forest Ecology | <u>3 credits *</u> |
| | Total | 8 credits |

Total **17 credits** **Transfer eligible courses*.**

For more information concerning the new Natural Resources & Environment Certificate, contact Brian Clark at 843-520-1418 or Brian.Clark@hgtc.edu.

Summer Semester 2011 Internet Course Offerings w/ more to come

Looking to jump start your College career! Need to pick up a couple classes to get ahead or to catch up? Consider an Internet class.

Multiple Use of Forestlands (FOR-102-I01), 3 credits. This course studies how the forests serve the multiple purposes of recreation, wildlife, watershed and range, as well as producing timber crops. It examines the relationship between the public and private sectors in achieving these different demands placed on the forest community. **Internet Format**, May 18th to August 4th.

Wildlife Management I (NRM-230-I01), 3 credits. This course is a basic study and application of management practices beneficial to wildlife. Includes: Methods for increasing food production, developing water sources, providing cover requirements and improving wetlands. Addresses forest lands as habitat for wildlife, with emphasis on Southern woodland management. **Internet Format**, May 18th to August 4th.

Enrollment Made Easy!

Know someone who is thinking about College? Would a career in the outdoors be a great fit for them? College enrollment and class registrations for Summer 2011 or Fall 2011 at Horry-Georgetown Technical College have begun. Applications for both the College and Financial Aid can now be completed on-line from your home. Begin your enrollment process today by visiting www.hgtc.edu. Financial Aid Applications can be completed at www.FAFSA.ed.gov.



The admissions process is easy. An applicant needs to submit a completed college application, a \$30.00 application fee, high school and college transcripts and scores from a placement test (SAT, ACT, Compass or ASSET). If you have not graduated high school, you can submit a current transcript and then a final transcript upon graduation. For those who have not taken the SAT or ACT, the Compass or ASSET placement tests are available at any of the Technical Colleges in the South Carolina. Generally the test takes about two hours and is available during the day and early evening hours.

HGTC Recruiters available to come to your High School or Group for a Visit. *There is still time before the school year ends!*

HGTC Counselors & Recruiters are looking to visit a high school near you to promote the various agricultural based programs that we have to offer students from across South Carolina. They are available to provide information on the following programs: Forestry Management Technology / Forest Business, Forestry / Wildlife Management, Forestry / Harvesting, Natural Resources & Environment Certificate, Golf Course and Sports Turf Management and Landscape Management Certificate. Contact us to set up a site visit from the **Technical College that offers the largest selection of agriculture programs in the state.**

Applications and Admissions for Fall 2011 are well underway!

Applications and admissions for the Forestry Management Technology Department for next Fall are well underway. To date, we have received 59 applications. The program was running just at 100 students for the Spring Semester 2011 and is developing class schedules and adapting class facilities to handle up to 120 students total. The program hopes to further increase enrollment in the Natural Resources and the Environment Certificate option. We continue to be encouraged by the high level of interest in managing our natural resources expressed by students of all ages. We hope that all students interested in joining us in May 2011 or August 2011 will apply early to the College and complete their admissions, enrollment and Financial Aid processes. ***We are here to help students to obtain their goal of a quality education in natural resources.***



HGTC offers 3 Emphasis Areas in its Forestry Management Technology Programs

The Forestry Management Technology Department currently offers three emphasis areas to the Forestry Management Technology Associate Degree of Applied Science. The three emphasis areas are **Forestry Management / Forest Business Emphasis; Forestry Management / Wildlife Management Emphasis; and Forestry Management / Timber Harvesting Emphasis.** All three degree programs have approximately 75% of their coursework in common, with the remaining courses representing the specialization area. The College is now accepting applications for Summer (May 2011) and Fall Semesters Classes (August 2011).

FORESTRY MANAGEMENT TECHNOLOGY PROGRAM CURRICULUM DISPLAYS

ASSOCIATE DEGREE IN APPLIED SCIENCE: AGRICULTURE TECHNOLOGY

The Forestry Management Technology Program now has three emphasis areas for students to pursue: Forestry (Forest Business), Forestry / Wildlife Management Emphasis and Forestry / Timber Harvesting Emphasis. The differences in classes between these three options are highlighted below. Demand for graduates of all the options is high. Graduates will be qualified for entry level positions with state and federal land management agencies, natural resource consulting firms and others involved in on-the-ground stewardship where skills of forestry and wildlife management are needed. Students have the opportunity to become certified in the following areas: S.C. Commercial Pesticide License, First Aid & Safety and TOP Logger.

FORESTRY / WILDLIFE MANAGEMENT

FIRST SEMESTER (FALL)

| | | |
|----------------|----------------------------|-----------|
| ENG 155 | Communications I | 3 |
| FOR 102 | Multiple Use of Forests | 3 |
| NRM 230 | Wildlife Management | 3 |
| FOR 130 | Dendrology | 3 |
| FOR 154 | Mensuration | 3 |
| MAT 101 | Beginning Algebra | <u>3</u> |
| | TOTAL | 18 |

SECOND SEMESTER (SPRING)

| | | |
|----------------|----------------------------|-----------|
| CPT 101 | Intro to Computers | 3 |
| ENG 160 | Tech. Communications | 3 |
| FOR 121 | Woodland Safety | 1 |
| FOR 156 | Timber Cruising | 4 |
| NRM 235 | Wildlife Mgt. Tech. | 3 |
| MAT 168 | Intro to Geom. & Trig. | <u>3</u> |
| | TOTAL | 17 |

THIRD SEMESTER (SUMMER)

| | | |
|---------|------------------------|----------|
| FOR 220 | SCWE Forestry/Wildlife | <u>8</u> |
| | TOTAL | 8 |

FOURTH SEMESTER (FALL)

| | | |
|----------------|------------------------------|-----------|
| NRM | Vert. Natural History | 3 |
| NRM 250 | Wetland Ecology | 3 |
| NRM 130 | Outdoor Rec Mgt. | 3 |
| FOR 269 | Forest Statistics | 3 |
| FOR 271 | Silviculture | 4 |
| PSY 103 | Human Relations | |
| Or | | |
| PSY 201 | General Psychology | <u>3</u> |
| | TOTAL | 19 |

FIFTH SEMESTER (SPRING)

| | | |
|----------------|-------------------------------|-----------------|
| FOR 240 | Mapping & Photo Interp. | 3 |
| FOR 263 | Forest Management | 4 |
| FOR 268 | Forest Protection Prac. | 4 |
| PHI 110 | Ethics | 3 |
| NRM 201 | Soil Prod. & Fert. | <u>3</u> |
| | TOTAL | 17 |

TOTAL DEGREE CREDIT HOURS 79

FORESTRY MANAGEMENT (For. Bus.)

FIRST SEMESTER (FALL)

| | | |
|----------------|-------------------------|-----------|
| ENG 155 | Communications I | 3 |
| FOR 102 | Multiple Use of Forests | 3 |
| FOR 118 | Forest Drafting | 2 |
| FOR 130 | Dendrology | 3 |
| FOR 154 | Mensuration | 3 |
| MAT 101 | Beginning Algebra | <u>3</u> |
| | TOTAL | 17 |

SECOND SEMESTER (SPRING)

| | | |
|----------------|-------------------------------|-----------|
| CPT 101 | Intro to Computers | 3 |
| ENG 160 | Tech. Communications | 3 |
| FOR 121 | Woodland Safety | 1 |
| FOR 156 | Timber Cruising | 4 |
| FOR 258 | Surveying & Engin. | 4 |
| MAT 168 | Intro to Geom. & Trig. | <u>3</u> |
| | TOTAL | 18 |

THIRD SEMESTER (SUMMER)

| | | |
|---------|------------------------|----------|
| FOR 220 | SCWE Forestry/Wildlife | <u>8</u> |
| | TOTAL | 8 |

FOURTH SEMESTER (FALL)

| | | |
|----------------|----------------------------------|-----------|
| FOR 257 | Forest Ecology | 2 |
| FOR 230 | Forest Products | 2 |
| FOR 265 | Equip. & Timber Harv. | 4 |
| FOR 269 | Forest Statistics | 3 |
| FOR 271 | Silviculture | 4 |
| PSY 103 | Human Relations | |
| Or | | |
| PSY 201 | General Psychology | <u>3</u> |
| | TOTAL | 18 |

FIFTH SEMESTER (SPRING)

| | | |
|----------------|-------------------------|-----------------|
| FOR 240 | Mapping & Photo Interp. | 3 |
| FOR 263 | Forest Management | 4 |
| FOR 268 | Forest Protection Prac. | 4 |
| PHI 110 | Ethics | 3 |
| Xxx xxx | Elective | <u>2</u> |
| | TOTAL | 16 |

TOTAL DEGREE CREDIT HOURS 77

FORESTRY / TIMBER HARVESTING

FIRST SEMESTER (FALL)

| | | |
|----------------|----------------------------------|-----------|
| ENG 155 | Communications I | 3 |
| FOR 102 | Multiple Use of Forests | 3 |
| FOR 105 | Equip Basics & Safety | 3 |
| FOR 130 | Dendrology | 3 |
| FOR 154 | Mensuration | 3 |
| MAT 155 | Cont. Mathematics | 3 |
| | TOTAL | 18 |

FOURTH SEMESTER (FALL)

| | | |
|----------------|--------------------------------|----------|
| FOR 257 | Forest Ecology | 2 |
| FOR 230 | Forest Products | 2 |
| FOR 265 | Equip. & Timber Harv. | 4 |
| FOR 180 | Ind. & Govt. Stand. | 3 |
| FOR 271 | Silviculture | 4 |
| PSY 103 | Human Relations | 3 |

SECOND SEMESTER (SPRING)

| | | |
|----------------|--------------------------|-----------|
| CPT 101 | Intro to Computers | 3 |
| ENG 160 | Tech. Communications | 3 |
| FOR 121 | Woodland Safety | 1 |
| FOR 156 | Timber Cruising | 4 |
| IMT 160 | Prev. Maint | 3 |
| MAT 101 | Beginning Algebra | 3 |
| | TOTAL | 17 |

TOTAL 18

FIFTH SEMESTER (SPRING)

| | | |
|----------------|---------------------------|-----------|
| FOR 240 | Mapping & Photo Interp. | 3 |
| FOR 263 | Forest Management | 4 |
| FOR 268 | Forest Prot. Prac. | 4 |
| PHI 103 | Workplace Ethics | 3 |
| FOR 140 | Timber Harv. Oper. | 3 |
| | TOTAL | 17 |

THIRD SEMESTER (SUMMER)

| | | |
|---------|------------------------|----------|
| FOR 220 | SCWE Forestry/Wildlife | 8 |
| | TOTAL | 8 |

TOTAL DEGREE CREDIT HOURS 78

We also offer Transfer Opportunities to 4-Year Forestry Programs!

Continuing Education Opportunities Video-Teleconference Series with North Carolina State University (Conway, SC)

Horry-Georgetown Technical College's Forestry Program is working in partnership with North Carolina State University's Forestry Extension Program to serve as a site host for their Video-teleconference series. Listed below is the line-up of Workshops at our Conway Campus for 2011. The three-hour morning programs awarded 3 CFE credits and / or 3 SFI credits depending on the topic.

The next program is scheduled for Wednesday, March 9th and the topic is Land Management and the Public. The link <http://www.ces.ncsu.edu/nreos/forest/feop/forum/index.html> will take you to the program outline. The cost of the program is \$35.00 and registration for the Conway site is handled by Horry-Georgetown Technical College. Please contact me at (843) 520-1418 or Brian.Clark@hgtc.edu to register.

Up-coming Video-Teleconference Programs include:

- March 9 Land Management and the Public
- May 11 Tree and Plant Nursery, Sources & Science (4 credit program)

Look for the HGTC Forestry Booth at the Southeastern Wildlife Expo in Charleston later this month. Stop in to see us!