

January 19, 1999

RESPONSE DEADLINE: FEBRUARY 5, 1999

MEMORANDUM

TO: Chief Academic Officers
Senior Continuing Education Administrators

FROM: Eldon Meacham, Program Coordinator
Engineering and Transportation Technologies

SUBJECT: Global Positioning System Workshop

The Global Positioning System (GPS) was developed by the Department of Defense to provide accurate positions anywhere in the world using a constellation of 24 satellites. The accuracy of the system (from 300 feet to 5 millimeters) depends upon the proper operation and type of GPS receiver used. When these accurate locations were entered into Geographic Information System (GIS) databases, new technologies evolved. Skilled technicians are now in demand by industry that can operate GPS receivers and GIS software.

During the 1998 North Carolina Instructors Conference in Greensboro, several GPS workshops were held. Gary Thompson, director of the North Carolina Geodetic Survey office, conducted one of the workshops. The participants requested additional training and Gary plans to provide this training before the end of the Spring Semester. The training will be conducted during a four-day period. The first two days will be suitable for anyone who needs to understand the proper operation of a mapping or survey grade receiver. The last two days will be suitable for selected individuals that perform land surveys and need a position accuracy of **three centimeters** or better.

Complete the enclosed survey form. The information will be used to plan the workshop(s). It is possible that eastern and western regional workshops could be planned based on the number of instructors requesting the training. When the location(s) and dates are decided, registration information will be sent six weeks prior to the workshop.

Please return the completed survey form by **Friday, February 5, 1999**. If you have questions, please call me at (919) 733-7051, extension 421 or send an e-mail to ***eldonm@ncccs.cc.nc.us***.

CEM
Enclosure
c: Presidents
Dr. Elizabeth L. Johns
Ms. Elizabeth Jones

CC99-013
Paper Copy



GLOBAL POSITIONING SYSTEM (GPS) WORKSHOP SURVEY FORM

College Administrator should complete this section:

Last Name _____ First Name _____ MI _____ (print or type)

Signature _____ Date _____

Title of Your Position (Chief Academic Officer or Senior Continuing Education Administrator)

Community College Name

Community College Address _____ (P.O. Box, Street, etc.)

Community College Address (City _____ State _____ Zip Code+4)

Phone Number _____ FAX Number _____

Internet E-mail Address _____ GroupWise E-mail Address _____

Identify the **number of instructors** (by program area) that are interested in attending the GPS workshop:

- | | |
|---|---|
| _____ Forestry Programs | _____ Surveying Technology |
| _____ Agriculture Programs | _____ Civil Engineering Technology |
| _____ Recreational and Leisure Programs | _____ Architecture Technology |
| _____ Equine | _____ Landscape Architecture Technology |
| _____ Fish and Wildlife Management | _____ Park Ranger Technology |
| _____ Landscape Gardening | _____ Livestock, Swine, and Poultry |
| _____ Turfgrass Management | _____ Aquaculture |
| _____ Law Enforcement | _____ Fire/Rescue |
| _____ Emergency Medical Service | _____ Emergency Management |
| _____ Other: _____ | |

*Complete the Survey Form and return it to Eldon Meacham by
Friday, February 5, 1999.*