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Great Basin College Land Survey Sponsorship Program

Great Basin College is providing the opportunity for land surveyors, licensed in any state in the United States, to assist qualified students gain the laboratory portion of the three lower division survey courses required to gain a four year degree in Land Surveying/Geomatics.

Background

Three lower division survey courses representing one year of classical survey fundamentals and an introduction to construction surveying/land development are required as prerequisites to most of the upper division land surveying/geomatics courses. Each of these courses must contain a significant laboratory component to provide students hands-on experience in applying fundamental concepts and procedures.

These three courses are:

SUR 280 Fundamentals of Geomatics I	Fall Semester	4 credits
SUR 281 Fundamentals of Geomatics II	Spring Semester	4 credits
SUR 290 Intro to Urban Development	Spring Semester	4 credits

Each of these courses has a 45 hour laboratory component.

Distance Learning Offering

The lecture portion of these courses will be offered on-line beginning fall 2007. The requirement for the laboratory may be satisfied by taking advantage of the Land Surveyor Sponsorship Program. Students may work under the direct supervision of a licensed land surveyor to gain the field notes for each field lab. Laboratory manuals provide standardization for the laboratories with objectives, required equipment, protocol, and reports.

A copy of the lab manual for SUR 280 Fundamentals of Geomatics I can be gained from the publisher at the following link:

<http://www.xan.edu.com/copley/elithorp>

The licensed land surveyor acts as lab instructor to assist the student gain the field notes for each lab. The student submits a copy of the field notes and required laboratory reports via the course management software.

Land Surveyor Sponsorship Program

This program provides an opportunity to licensed land surveyors to assist in the effort to provide new members to the profession. The licensed surveyor is expected to provide common survey equipment, training in the use of that equipment, access to CAD software, mentorship, and direct supervision of each laboratory. The licensed surveyor is expected to certify each set of field notes submitted to satisfy each lab. The Land Surveyor Sponsorship Program form must be completed and signed by both student and licensed land surveyor before participation in the Program will be recognized. The license number and state of registration must be provided by the surveyor.