



South Carolina State University

COLLEGE OF SCIENCE, MATHEMATICS AND ENGINEERING
TECHNOLOGY

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DEPARTMENT OF
CIVIL AND MECHANICAL ENGINEERING
TECHNOLOGY AND NUCLEAR
ENGINEERING

Student Outcomes of the PLS Program

Graduates of the Professional Land Surveying Program are expected to demonstrate that they are capable or have the following skills by the time of graduation:

1. An ability to apply knowledge of mathematics, science, and Land Surveying profession
2. An ability to design and conduct experiments, as well as to analyze and interpret data
3. An ability to formulate or design a system, process or program to meet desired needs
4. An ability to function on multi-disciplinary teams
5. An ability to identify and solve Land Surveying problems
6. An understanding of professional and ethical responsibility
7. An ability to communicate effectively
8. The broad education necessary to understand the impact of Land Surveying solutions in a global and social context
9. Recognition of the need for, and the ability to engage in lifelong learning
10. Knowledge of contemporary issues
11. An ability to use the techniques, skills, and modern scientific and technical tools necessary for professional practice