

## **Cincinnati State Land Surveying Program Objectives (approved 4/29/2021)**

- Graduates of the Cincinnati State Land Surveying program will have taken the NCEES Fundamentals of Surveying examination and will have obtained a professional/management track position in a surveying, construction, or civil engineering related company.
- Graduates of the Cincinnati State Land Surveying program will have taken the NCEES Professional Surveying examination and will have progressed in responsibilities since obtaining the position or have started their own surveying business.

## **Cincinnati State Land Surveying Student Outcomes**

1. An ability to identify, formulate, and solve broadly defined technical or scientific problems by applying knowledge of mathematics and science and/or technical topics to areas relevant to the discipline.
2. An ability to formulate or design a system, process, procedure or program to meet desired needs.
3. An ability to develop and conduct experiments or test hypotheses, analyze and interpret data and use scientific judgment to draw conclusions.
4. An ability to communicate effectively with a range of audiences.
5. An ability to understand ethical and professional responsibilities and the impact of technical and/or scientific solutions in global, economic, environmental, and societal contexts.
6. An ability to function effectively on teams that establish goals, plan tasks, meet deadlines, and analyze risk and uncertainty.