



ARKANSAS TECH
UNIVERSITY

Program Learning Outcomes

<i>College/School</i>	Natural & Health Science
<i>Department</i>	Physical Sciences
<i>Program</i>	BS Physics Education
<i>Link to Program Home</i>	https://www.atu.edu/physci/stulrn-physicsed.php

Students who complete the program will demonstrate:

1. Problem solving Skills

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. Design

An ability to formulate or design a system, process, procedure or program to meet desired needs.

3. Communication

An ability to communicate effectively with a range of audiences.

4. Ethics

An ability to understand ethical and professional responsibilities and the impact of technical and/or scientific solutions in global, economic, environmental, and societal contexts.

5. Teamwork

An ability to function effectively on teams that establish goals, plan tasks, meet deadlines, and analyze risk and uncertainty.

6. Experiment

An ability to develop and conduct experiments or test hypotheses, analyze and interpret data and use scientific judgment to draw conclusions.