Applied Physics Program Mission

The physics program is part of the Department of Chemistry and Physics at Armstrong State University. The program is committed to preparing students to graduate from an outstanding bachelor’s degree program recognized around the southeast region of the United States for its applied programs. The faculty are committed to exceptional teaching and high impact experiential activities for our students to enhance the vitality of our program.

Applied Physics Program Vision

The biochemistry program at Armstrong State University is committed to teaching excellence, curriculum innovation, high quality undergraduate research and experiential activities to enhance our graduates and program.

Applied Physics Program Objectives

1. Prepare students for bachelor’s level careers as well as graduate and professional school in physics and aligned disciplines.
2. Provide high quality and innovative classroom experiences for our students through professional development and implementation of technologies throughout the curriculum as demonstrated by assessment activities.
3. Expose undergraduates to experiential activities such as high quality research through faculty/student mentoring experiences which result in peer reviewed outcomes.
4. Pursue external funding to support excellence in curriculum improvement and research activities.
5. Promote the discipline through professional and community activities.
6. Actively market the program and maintain strong alumni relations.

Physics Program Goals (2016-2021)

1. Enhance the experiential activities for students to improve the program and student engagement.
   a. Reinvent the Physics Club
   b. Increase participation and opportunities in undergraduate research and internships both internally and externally
   c. Provide professional development opportunities for students on and off campus (such as attendance at professional meetings, seminars, outreach).
2. Increase student participation in the program.
   a. Increase number of graduates per year to 7 by 2020
   b. Increase number of majors declared to 30 by 2020
3. Increase awareness, accessibility and ease of students completing a 3+2 transfer program.
4. Improve marketing strategies to increase awareness and number of students in the program.
   a. Enhance written marketing tools on campus.
b. Enhance web presence and community presence.