UCA STEM Institute

UCA Institute for STEM Professional Development and Education Research
Mission and Vision

UCA STEM Institute aspires to be the premier institute for development, use and promotion of research-proven pedagogies and rigorous content in P-16 STEM education in Arkansas and to be recognized as a leader in this area nationally.
The Institute provides “high quality,” innovative STEM educational opportunities through
- Developing partnerships,
- Professional development,
- Education research,
- K-12 outreach, and
- Sharing of instructional resources.
UCA STEM Institute has been at the forefront of enhancing science, technology, engineering and mathematics education for the region’s k-12 teachers and students.

Teachers - Offered more than 17 math and science sessions
  - Common core mathematics, next generation science standards and advanced placement biology

Students – Free ACT prep classes and one –week enrichment programs
Pre-Service students

- Tour of the resources for math and science
  - books – science and math literacy, information text, and teacher’s guides
  - kits, materials, tools and technology
- Access to teaching resources
- Assist in developing a lesson plan for class projects.
- Assist in designing kits to model lessons for internship
- Post-induction support
Resources

http://uca.edu/steminstitute/resources/
Contact Us

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