

Indiana University's Advance College Project is pleased to announce that in furtherance of the **Indiana Department of Education's K-12 STEM initiative**, it has added two Computer Science courses to its dual credit program. Now in addition to the STEM course offerings in math, biology, chemistry, and physics, they will be offering the following two courses in Computer Science:

CSCI-C102 Great Ideas in Computing (3 credits)

Survey of great ideas in computing and the role of computing in the modern world. Explores how people use computing tools to realize their ideas. Emphasis on the impact of modern technology and the use of hardware and software to create solutions to everyday problems. Lecture and laboratory. **Aligned to IDOE course code 4801.**

INFO-I230 Analytical Foundations of Security (3 credits)

This course will allow students to re-evaluate and conceptualize material learned in discrete courses to consider the topics from the perspective of security. For example, computer system basics such as hardware (CPU, memory, etc.) and software are reconsidered from the perspective of how their interactions create vulnerabilities. Vulnerabilities that combine standard hardware and software configurations will be examined, as these illuminate both security and computer networks. Operating systems and file systems are examined from the perspective of access control, permissions and availability of system services, etc. **Aligned to IDOE course code 5253.**

Indiana University will also be extending Computer Science to its Pipeline Project offerings. Indiana's Pipeline Project offers free online graduate coursework so that teachers can meet The Higher Learning Commission's requirements for teacher qualification to teach dual credit courses. For additional information or to set up a time for a visit to your school, please contact Patrick Cannon, Associate Director ACP at pcannon@indiana.edu.