Owensboro Community and Technical College (OCTC) is a public, open-access institution in Owensboro, Kentucky. It is one of the 16 colleges that make up the Kentucky Community and Technical College System (KCTCS). OCTC, with four campuses, plays a vital role in the region for economic development, educational attainment, preparedness for transfer to a university, or transitioning directly to a professional career.

OCTC supports the dynamic Computer & Information Technologies (CIT) Program. The CIT program offers Associate in Applied Science degrees and multiple certificates in the focused areas of information security, programming, network administration, and website development and administration. Graduates of the CIT program are employed at many different organizations throughout the region. In addition, many CIT graduates continue their education at Kentucky colleges and universities that have transfer agreements with KCTCS/OCTC.

The CIT – Information Security (IS) Program earned the CAE-CD designation in 2019. The IS option provides students with a comprehensive foundation in the principles of cybersecurity, as well as the fundamental knowledge required for entry-level positions in the cybersecurity industry. The IS option covers a wide variety of security analysis, defensive tools, and concepts. Students experience hands-on practical assignments that prepare them for the real world. Included in their experience at OCTC are opportunities to participate in service-learning projects where students give back to the community by providing technical expertise.

**CONTACT INFORMATION**

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**DESIGNATIONS**

• CAE-Cyber Defense

Students in the CIT lab.