

EMIS Change 25-92: Adds new cybersecurity and AI subject codes  
Public Comment open from April 24 through May 23

**EMIS Change 25-92**

This change adds two new subject codes: one for a cybersecurity course and one for an artificial intelligence course. The change also updates the definition of subject code 290325 Specific Topics in Computer Science.

**SECTION 4.7: SUBJECT CODES**

**ACADEMIC CONTENT AREAS SECTION**

*Technology Section*

Table 1. Computer Science Codes (29xxxx)

Subject Code	Description	Suggested Subject Area for Credit	Core Subject Area (for proper cert)
The following are computer science courses in accordance with Ohio Revised Code §3319.236.			
290325	<b>Specific Topics in Computer Science</b> This course provides a focused examination of specific computer science topics ( <del>e.g., cybersecurity, robotics, data science</del> ).	TEC	—

Table 2. Technology Education Codes (10xxxx)

Subject Code	Description	Suggested Subject Area for Credit	Core Subject Area (for proper cert)
The following courses address computer science (29xxxx) as well as Information and Communication Technology (29xxxx) or Technology Education (10xxxx).			
<a href="#">290210</a>	<a href="#">Artificial Intelligence</a> <a href="#">In this course, students will learn the concepts, tools, and building blocks of artificial intelligence (AI). Specifically, the course should address AI components including perception, representation and reasoning, machine learning, natural interaction, and societal impacts. Students will learn about the use and inherent risks associated with AI.</a>	<a href="#">TEC</a>	<a href="#">=</a>
<a href="#">290220</a>	<a href="#">Cybersecurity Education</a> <a href="#">Students will be introduced to the components of cybersecurity and the role each plays in computing. The course will address security protocols and tactics for infrastructure, network, and system security, which lead to the prevention, detection, and mitigation of common vulnerabilities and attacks. Throughout this course, students will examine, test, and implement security safeguards.</a>	<a href="#">TEC</a>	<a href="#">=</a>