

Steve Mallard is the Master Teacher II of the Information Technology and Infrastructure Management program at the Tennessee College of Applied Technology Shelbyville. Mallard and the program have been recognized by Computerworld, TechTarget, the Whitehouse, US Department of Education Office of Career Education (OCTAE) -“Recognized for excellence, dedication, and leadership in Career Technical Education” , SC Magazine as one of the top five Cyber Security Programs, the TN State Governor’s Office and the TN Department of Homeland Security just to name a few.

He has provided testimony at the National Academies of Science-Engineering and Medicine – *“Strengthening the Disaster Resilience of Academic Research Communities”*, the TN Department of Education Advisory Committee for CTE and Information Technology, ES-ISAC *“Partnership with Higher Education with the TN Dept. of Safety and Homeland Security”*, DCEMA – Cyber Awareness at Georgetown University and testified for Broadband TN - TACIR – TNECD.

Mallard and students have been utilized to scan and protect the Port of Memphis with the US Coast Guard, the TN Department of Homeland Security and private businesses and industry partners. The program also helped to produce products distributed by the TN Department of Safety and Homeland Security on ‘gifted’ USB drives and Malware and Cyber Threats from Drones before industry leaders reported these threats in the wild.

Mallard’s facility, TCAT Shelbyville, is also a co-host of the Middle TN Cyber Conference hosted annually in Murfreesboro, Tennessee bringing IT professionals and subject matter experts from across the globe. Faculty and students help train industry leading IT professionals during this event with the annual Capture the Flag.

Mallard’s program now provides businesses and industry data from a student ran live Security Operation Center at TCAT Shelbyville. The facility under his direction uses seven strategically placed sensors in southern Middle TN and helps to increase the security posture of these entities. The program has helped to solve cybercrimes that have totaled over \$4 million dollars with local law enforcement.