

Program of Studies

GPPS INTERDEPARTMENTAL

CYBERSECURITY I

(PILOT)

.5 CREDIT

Career and Technical Education (CTE) Course

Requirement: Three teacher and one counselor recommendation

GRADE 10-11-12

This course is designed for sophomores through seniors who have an interest in a career in the cybersecurity industry. There has never been a greater need for professionals trained in cybersecurity. In today's world everything is a target - from servers, computers, phones and routers to refrigerators and light bulbs. This course is designed to prepare students for certification in this field including Certified Ethical Computer Hacker. Students learn how to select appropriate hardware and software to provide protection against known security threats. The CTE state standards for Computer and Information Systems Security/Assurances will guide the coursework. Instructional support and resources will be available from the Michigan Initiative for Cyber Education (MICE). Students will have access to the Cisco NetAcademy coursework and TestOut. Three teacher and one counselor recommendation will be required.