

PROGRAM OF STUDY:

CYBERSECURITY

SCIENCE, TECHNOLOGY,
ENGINEERING, & MATHEMATICS



CAREER & TECHNICAL
STUDENT ORGANIZATIONS:

TECHNOLOGY STUDENT
ASSOCIATION

9TH GRADE

FUNDAMENTALS OF COMPUTER
SCIENCE



INSTRUCTIONAL
MATERIALS

TEKS-REQUIRED LAB
TIME?

Y / N

ONLINE INSTRUCTIONAL
MATERIALS

- CS Discoveries at code.org

CERTIFICATIONS

- Precision Exams: **Computer Science Principles (803)** (Chromebook required)

10TH GRADE

COMPUTER SCIENCE I & AP
COMPUTER SCIENCE PRINCIPLES



INSTRUCTIONAL
MATERIALS

TEKS-REQUIRED LAB
TIME?

Y / N

ONLINE INSTRUCTIONAL
MATERIALS

- Computer Programming Fundamental Concepts
- UT Austin with Jeroo and Scratch then to code HS

- Edgenuity
- CS Principles at code.org
- WeTeach CS for HS at UT Austin Adv. Computing Center

CERTIFICATIONS

- Precision Exams: **Computer Science Principles (803)** (Chromebook required)

11TH GRADE

AP COMPUTER SCIENCE A -
MATH



INSTRUCTIONAL
MATERIALS

TEKS-REQUIRED LAB
TIME?

Y / N

ONLINE INSTRUCTIONAL
MATERIALS

- WeTeach AP CSA

- WeTeach AP CSA
- UT Austin Adv. Computing Center

CERTIFICATIONS

- Precision Exams: **Computer Science Principles (803)** (Chromebook required)
- **Microsoft Technology Associate (MTA) Introduction to Programming Using Java**

12TH GRADE

PRACTICUM IN INFORMATION
TECHNOLOGY

INSTRUCTIONAL
MATERIALS

TEKS-REQUIRED LAB
TIME?

Y / N

ONLINE INSTRUCTIONAL
MATERIALS

- iCEV

CERTIFICATIONS

- **Google Analytics Individual Qualification (GAIQ)**