

# Digital Forensics

**Local Course #:** 82375

**State Course ID:** 3580360

## **Course Description:**

Unlock the secrets hidden in digital devices and step into the high-stakes world of cyber investigations with Digital Forensics! This cutting-edge course empowers students to explore the techniques and technologies used by cybersecurity experts, law enforcement, and forensic investigators to track down digital evidence and fight cybercrime.

This course provides a deep dive into the science of recovering, analyzing, and preserving data from computers, networks, mobile devices, and cloud systems. Students will learn to think like investigators by examining digital footprints, reconstructing cyber incidents, and understanding how evidence is used in criminal cases and legal proceedings.

Hands-on labs, simulated investigations, and real-world scenarios give students the chance to apply forensic techniques and develop critical thinking, problem-solving, and technical skills. You'll also gain insight into careers in cybersecurity, law enforcement, legal studies, and information technology.

Whether you dream of becoming a cybercrime analyst, digital detective, or ethical hacker, Digital Forensics is your launchpad into one of today's most in-demand and impactful fields.

## **Link to TEKS:**

[https://texas-sos.appianportalsgov.com/rules-and-meetings?\\$locale=en\\_US&interface=VIEW\\_TAC\\_SUMMARY&queryAsDate=08%2F08%2F2025&recordId=225619](https://texas-sos.appianportalsgov.com/rules-and-meetings?$locale=en_US&interface=VIEW_TAC_SUMMARY&queryAsDate=08%2F08%2F2025&recordId=225619)

## **First 9 Weeks Major Topics:**

Ethics, Encryption, Report Writing, and Legal Procedures

## **Second 9 Weeks Major Topics:**

Data Acquisition

## **Third 9 Weeks Major Topics:**

Mobile Forensics

## **Fourth 9 Weeks Major Topics:**

Timelining