

Practicum in Information Technology



Prerequisite: Computer Programming II OR AP Computer Science Principles OR Web Technologies OR Networking

Course: 1851CA/1851CB **Credits:** 2 **Length:** 36 weeks **Placement:** 11-12

Course Description

This personalized, independent study course will allow students interested in pursuing a career in information technology opportunities for advanced learning beyond the classroom environment. Students will engage in a variety of industry-relevant experiences such as competition and or product innovation, classroom teaching opportunities, and advanced topics research and development.

Student Activities

Students will propose, design, create, evaluate, and present a variety of advanced projects involving technology and IT skills based on personal interest. Students may have the opportunity to participate in skills contests, work on projects for outside clients, and/or have an internship. Students will prepare an electronic portfolio and resume to showcase their projects.

Certifications

Oracle Certification Possible

Student Cost: \$125

Certification paid for by CTE if student has an 80+ GPA in course and passes a practice test

Additional Consideration

If a student does not have transportation, opportunities will be limited.

Organizations/After School/Competitions

- Computer Science Students Association
- Game Design Club
- Business Professionals of America
- UIL Computer Science
- FIRST FTC Robotics

