

# 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.

## What's next?

Consider these courses to further enhance your skills:

- Video Game Design I, II, III
- Web Technologies
- Computer Maintenance
- Robotics
- PLTW Engineering
- Visit Achieve Texas for more information on careers  
<http://www.achievetexas.org/Information.htm>

## Organizations/After School/Competitions

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

