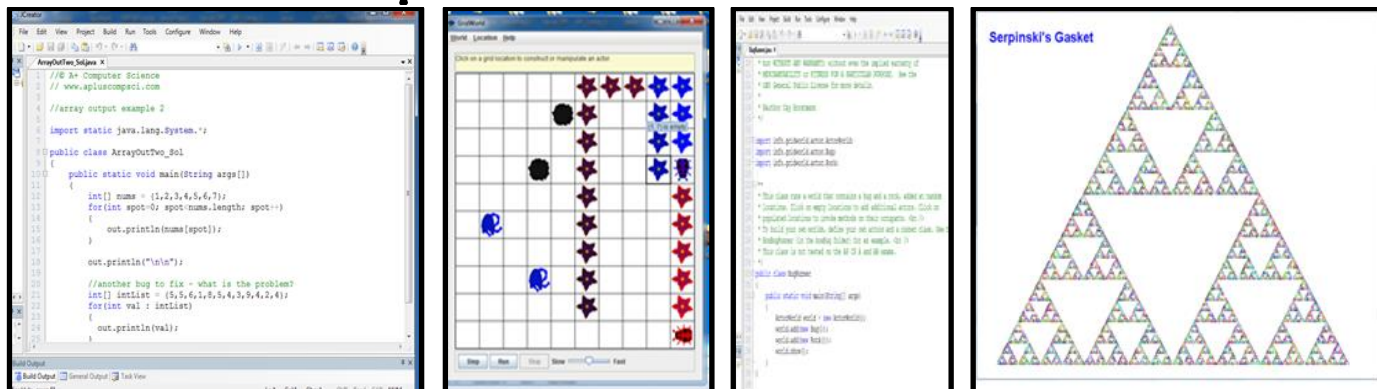


# Computer Programming II



**Prerequisite:** Computer Programming I or Pre-Advanced Computer Programming I  
**Course:** 1265CT      **Credits:** 1      **Length:** 18 weeks      **Placement:** 10-12

## Course Description

Students will use the JAVA language to create programs for games and classic algorithms while learning intermediate, college-level object-oriented programming concepts. Students will have the opportunity to participate in a variety of extra-curricular and contest activities.

Students can potentially earn college credit by taking the AP Computer Science A Exam.

## Student Activities

Students will learn to develop programs in the JAVA programming language and will complete a variety of labs and projects to showcase the programming skills and algorithms learned. Students will have the opportunity to work and compete in teams in a variety of settings and students will be prepared to take the AP CS A exam and receive college credit for the course in the spring.

## What's next?

Do you want to learn more about programming? Would you like to receive college credit? Is computer science the career for you? Advanced CS is for you!

Consider these other courses to enhance your skills:

- AP Computer Science Principles
- Practicum in Information Technology
- Video Game Design I, II, III
- Web Technologies
- Visit Achieve Texas for more information on careers

<http://www.achievetexas.org/Information.htm>

## Organizations/After School/Competitions

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

