

Syllabus

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CS 50X2 Accelerated Programming

Spring 2020, Section 001, TWR 3:00pm-5:15pm, CSM 216 (6 credits)

Instructor

Dr. Jeff Jenness

Office CSM 132 **Office Hours** TR 11:00am-12:00pm and MW 11:00pm-12:00pm

Phone 870-972-3978 ext. 8117 **Email** jeffj@astate.edu

Course Descriptions

CS 5012. Accelerated Structured Programming

Accelerated overview of structured programming techniques and the C++ language. **Corequisites:** CS 5022, CS 5032. Fall, Spring.

CS 5022. Accelerated Object-Oriented Programming and Fundamental Data Structures

Accelerated overview of object-oriented programming techniques, basic data structures, and algorithms. **Corequisites:** CS 5012, CS 5032. Fall, Spring.

CS 5032. Accelerated Algorithms and Advanced Data Structures

Accelerated overview of advanced data structures as well as common algorithms and analysis. **Corequisites:** CS 5012, CS 5022. Fall, Spring.

Course Outcomes

Same as outcomes in CS 2114, CS 2124, and CS 3113

Grading

Grades are assigned on a standard scale with the following weights:

Tests (2)	50%
Final	25%
Programs	25%

Note: programs should follow the department guidelines: [CS Program Grading Criteria](#)

Schedule

Dates to Remember

Assignments

Homework

Materials

Textbook

Starting Out with C++: From Control Structures Through Objects, 9th ed. (ISBN: 978-0134544847), by Tony Gaddis. Pearson, 2017. ([Amazon](#)) ([companion site](#))

Data Structures and Algorithms in C++, 4th ed. (ISBN: 978-1133608424), by Adam Drozdek. Cengage Learning, 2012. ([Amazon](#)) ([companion site](#))

Resources

Go to the [online repository](#)

Course Policies

See [Department Policies](#) which will be adhered to within the course.

See Also

[create PDF version](#)