

CSIS 3701 - Advanced Object-oriented Programming

Fall 2026 Syllabus, Section 02, CRN 41216,

Credit hours: 3

Instructor

Anthony DePinto

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Public Instructor Information

Instructor Title:

Adjunct Professor

Instructor Professional Qualifications:

- Master's Computing and Information Systems, Youngstown State University - 2010
- Bachelor's Computer Science, Youngstown State University - 1994
- Bachelor's Mathematics, Youngstown State University - 1994

Instructor Office Location:

Meshel Hall Rm 314

Instructor Office Phone:

330-941-3134

Course Description

3701. Advanced Object-oriented Programming. Object-oriented design and programming, including classes, encapsulation, inheritance, polymorphism, exception handling, and generics. Design, development, and testing of large-scale programs using object-oriented programming. Prereq.: "C" or better in either CSIS 2605 or CSIS 2610. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Optional	Starting Out with Java: Early Objects	Tony Gaddis	9780137516803

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Tentative Course Schedule

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/24	Introduction to Computers and Java		
8/31	Java Fundamentals		
9/7	Classes and Objects		
9/14	Decisions / Loops and Files		
9/21	Classes and Objects		
9/28	Arrays and ArrayLists		
10/5	Inheritance		
10/12	Midterm Exam		
10/19	Polymorphism		
10/26	Text Processing		
11/2	Exception Handling		
11/9	JavaFX: GUI Programming		

11/16	JavaFX: GUI Programming
11/23	JavaFX: Advanced Controls
11/30	Databases
12/7	Finals Week

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.