



CIT-130: Object-Oriented Programming

Syllabus | Spring 2021 | Sec: NC01
Online, Synchronous

instructor:	Eric C. Darsow CCAC North/West computer department Faculty Instructor
office Hours:	Tue & Thu 10:40-11:40am https://ccac.zoom.us/j/6149618122
semester:	Spring 2021 Online, Synchronous
instructor Contact methods:	In-person preferred, followed by phone calls: 412.894.3020 Please do not email unless doing so is a special electronic mail use case as described on course website edarsow@ccac.edu
CCAC CIT department	Angie Ondrik (CIT & SEM) aondrik@ccac.edu (412)469-6484.
CIT Dept chair	Professor Rebecca Elinich relinich@ccac.edu
CIT Dean	Dr. Brenda Trettel btrettel@ccac.edu
course Credits	4.0
prerequisites	CIT-111: Programming Java or Instructor Approval

I: Course Description:

This course uses the skills gained in CIT-111 and expands on the concepts of the software development process, data representation and storage, program control structures, objects and classes. Additional topics include event handling, arrays and window based graphical user interfaces (GUIs).

II: Learning Outcomes

The following content is extracted directly from the CCAC master course syllabus for CIT 130:

1. Create Java programs using object-oriented design and program structure.
2. Apply Java language elements to create Swing GUI components with event handling.
3. Apply Java language elements to use string processing techniques in a program.
4. Apply Java language elements to create programs with single dimension arrays of primitives and objects.
5. Apply Java language elements to create programs utilizing inheritance.
6. Use exception handling in programs to create user friendly applications.

III: The nitty gritty

textbook & materials	Students are encouraged to buy a used copy of <u>Introduction to Programming Java: Comprehensive Edition</u> 9th Edition by Y. Daniel Liang. Published by Pearson. ISBN-13: 978-0-13-293652-1 ISBN-10: 0-13-293652-6 <i>NOTE: Your instructor has purchased over 20 of these from various sources online and has NEVER paid more than \$40 for a single copy. Purchasing from the CCAC bookstore will result in a charge of over \$180! Yikes! (And shame on the Pearson corporation which is an enemy of students everywhere.)</i> Course website: Master course website with session-specific content, submission portals, and assignment details: https://technologyrediscovery.net#java00
letter Grades	Drawing on completed work and contributions to our class learning environment, propose a fair letter grade and a justification at midterm and final times using a 3x5 card. https://technologyrediscovery.net/coursesGen/trgrading.html Participate in final project sharing: Sharing your own and reviewing a final project from a peer is required to sufficiently justify a grade proposal of A or B
due date	Weekly work cycles start on Tuesday, and end on Sunday at morning light. Final work submission and grade proposals will be accepted until Wednesday, 19-MAY-2021 @ morning light but no later.
attendance & tardiness	As an online course, there are no scheduled session times, but rather weekly assignments please complete 75-85% of weekly work.
tests:	No high-stakes tests! Low-stakes, mini assessments and projects will constitute the bulk of your submitted work.
technology	You should have a computer capable of running a Java Virtual Machine and Integrated Development Environment
Academic Honesty	Provide written credit to all relevant authors of all code, writing, and project work for this course, including yourself and folks who help you (but who may not be published authors). Include direct URLs of websites consulted. Honor the copyrights associated with all content used in this course. Consequences: Students suspected of academic dishonesty will be asked to produce documentation to support any attributions (or, non-attributions).

IV: Official CCAC notices	
my. ccac. edu	Students are reminded that they can access their course information and CCAC email account, the CCAC Academic Calendar (including add/drop/withdrawal deadlines), the Student Handbook, the College's Incident Report form, and many other College services through the MyCCAC portal: https://my.ccac.edu
student handbook	<p>All students are expected to read and comply with the policies and regulations set forth in the CCAC Student Handbook, including without limitation the College's policies regarding academic and behavioral conduct, the procedures for requesting an accommodation based upon a disability, pregnancy or pregnancy related condition, or a religious observance, and for reporting unlawful discrimination and harassment.</p> <p>The Student Handbook is available to view and download along with the full text of the College's <i>Policy Manual</i>, <i>Administrative Regulations Manual</i>, and the Civil Rights Complaint Procedure:</p> <p>https://www.ccac.edu/academic-rules-and-regulations/rules-and-regulations.php</p> <p>https://www.ccac.edu/president/policies-and-regulations.php</p>
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disability	<p>Information concerning the process and documentation required to request a disability-related accommodation can be obtained by contacting the campus' Office of Supportive Services for Students with Disabilities (OSSSD) or by visiting the OSSSD information page</p> <p>https://www.ccac.edu/supportive-services/suppotive.php</p>

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sharing elections	<p>Please review the sharing preference options and prepare to CHOOSE ONE by when you register your official identifiers to your instructor. You may change these at any time by talking with your instructor.</p>	
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