# CCAC

## CIT-111: Intro to programming Java
Spring 2021 Syllabus | Sections: NC01 & Z03
Synchronous(Zoom) & Online Asynchronous

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| instructor: | **Eric C. Darsow**<br>CCAC North CIT & Data Analytics Faculty, Instructor |
| office Hours: | **Mon & Wed 9:30-10am, 12-12:30pm**<br>https://ccac.zoom.us/j/6149618122 |
| 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)**<br>aondrik@ccac.edu<br>(412)469-6484. |
| CIT Dept chair | **Professor Rebecca E. Dupont**<br>relinich@ccac.edu |
| CIT Dean | **Dean Brenda Trettel**<br>btrettel@ccac.edu |
| course Credits | **4.0** |
| prerequisites | CIT-111: Programming Java or Instructor Approval |

## I: Course Description:

This course is an introduction to program design, analysis and programming fundamentals using the Java language. Topics include the software development process, problem solving techniques, simple language basics, data representation and storage, program control structures, classes and their methods.

## II: Learning Outcomes

The following content is extracted directly from the CCAC master course syllabus for CIT 111:

1. Upon successful completion of the course, the student will:
2. Use a Java integrated development environment (IDE) to design and implement applications on a computer.
3. Apply basic problem-solving techniques to novel situations that are relatively similar to models introduced in the course.
4. Use various data types by implementing them in the correct operations.
5. Create simple graphical user interfaces (GUI) using Swing JOptionPane components.
6. Use control structures in a Java application.
7. Utilize class methods found in the Java application programming interface (API).

## III: The nitty gritty

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| textbook & materials | Students are encouraged to buy a used copy of **Introduction to Programming Java: Comprehensive Edition** 9th Edition by Y. Daniel Liang. Published by Pearson.<br>ISBN-13: 978-0-13-293652-1<br>ISBN-10: 0-13-293652-6<br>*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.)*<br>**Course website:** Master course website with session-specific content, submission portals, and assignment details:<br>https://technologyrediscovery.net#java<br>**Blackboard:** No meaningful information will be posted on Blackboard, only links to our CC-Licensed content on technologyrediscovery.net |
| 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.**<br>https://technologyrediscovery.net/coursesGen/trgrading.html<br>**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 dates | Weekly work cycles start on Monday, and end on Sunday at morning light. Plan on wrapping up your projects by morning light each Monday.<br>**Final projects are due Wednesday, 12-MAY'21 at 10:30 am**, the start of the final session for the Zoomers NC01<br>Lingering work submission and grade proposals will be accepted until **Monday, 17-MAY'21 @ morning light** *but no later.* |
| atten-dance | **For students in the MW 10-12p NC01 Zoom section** , please plan to attend most if not all classes. In-class exercises are real-time and participatory, so watching the recording will be less useful educationally than participating.<br>**For asynchronous section students in the Z03 section**, there are no scheduled session times. Instead, you'll be invited to watch the recordings of the NC01 section and participate in the exercises and projects as they unfold 2x per week during class. |
| tests | **No high-stakes tests!** Low-stakes, mini assessments and several beefy projects will constitute the bulk of your submitted work. |
| technology | You will need access to a computer running a Java Virtual Machine (JVM), Java Development Kit (JDK), and probably an |

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| | Integrated Development Environment(IDE) of your choosing--probably NetBeans.<br><br>Nearly all computers manufactured since the early 2000s running Linux, Unix, OSX, or the Microsoft Corporation's Windows OS are capable of running these packages. |
| 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.<br><br>**Honor the copyrights** associated with all content used in this course.<br><br>**Consequences:** Students suspected of academic dishonesty will be asked to produce documentation to support any attributions (or, non-attributions) and the matter may be referred to the CIT Department Chair at CCAC North Campus, and if necessary, the CIT Dean Brenda Trettel |

## IV: Official CCAC notices

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| 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 | 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.<br><br>The Student Handbook is available to view and download along with the full text of the College's *Policy Manual, Administrative Regulations Manual*, and the Civil Rights Complaint Procedure:<br><br>https://www.ccac.edu/academic-rules-and-regulations/rules-and-regulations.php<br><br>https://www.ccac.edu/president/policies-and-regulations.php |
| diversity | Title IX of the Education Amendments 1972 (20 U.S.C. 1681 et seq.) and its implementing regulations, 34 C.F.R. Part 106, prohibit discrimination on the basis of sex in education programs or activities operated by recipients of Federal financial assistance. It is the landmark legislation that bans gender based discrimination in schools and colleges.<br><br>*"No person in the U.S. shall, on the basis of sex be excluded from participation in, or* |

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| | *denied the benefits of, or be subjected to discrimination under any educational program or activity receiving federal aid."*<br><br>https://www.ccac.edu/diversity/title-IX.php<br><br>https://www.ccac.edu/diversity/notices.php |
| disability | 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<br><br>https://www.ccac.edu/supportive-services/ suppotive.php |

## V: Content licensing and sharing

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| licensing | All non-computer code content on technologyrediscovery.net (course content, images, media) is licensed under the Creative Commons Share-Alike license (CC BY-SA 4.0); no attribution required.<br><br>https://creativecommons.org/licenses/by-sa/4.0/<br><br>Computer code is licensed by file; most course code is copylefted under the GNU Public License V.3 |
| contribute | You are invited to anonymously contribute your work products in this course to the freely reusable *creative commons* educational material ecosystem made possible by copy left licenses. Any work contributed to this course will fall under this site-wide license scheme. |