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| **ELEMENT** | **CONTENT** |
| DEPARTMENT | CIS |
| AUTHOR (S) | Jeremy Ouellette |
| COURSE NUMBER | **CIS 2262** |
| COURSE TITLE | **Introduction to Java Programming II** |
| SHORT TITLE | Intro to Java II |
| COURSE LEVEL | 2000 |
| DATE CREATED | 12/12/2011 |
| CHECKED/CHANGED | 2/28/2017 |
| PREREQUISITES | CIS 2261 |
| COREQUISITES |  |
| RESTRICTIONS |  |
| SPECIAL FEES | No |
| CREDITS | 3 |
| HOURS | 3 hours of lecture per week |
| SEMESTER | Spring |
| COURSE DESCRIPTION | This course is a continuation of CIS 2261 and covers additional concepts in object-oriented programming such as inheritance and polymorphism; exceptions and exception handling; the java collections framework (lists, sets, maps, and iterators); creating and using packages; and creating graphical user interfaces |
| SUGGESTED TEXTS | *Java for Everyone: Late Objects*; Cay Horstmann |
| OPTIONAL TEXTS |  |
| COURSE OUTCOMES | The successful student will be able to:   1. Understand and use inheritance, polymorphism, and interfaces 2. Use exception handling 3. Use basic I/O classes such as file, scanner, and printwriter 4. Use the Java collections framework (lists, sets, maps, iterators) 5. Use existing packages 6. Create new packages 7. Construct a basic graphical user interface |
| COURSE CONTENT | 1. Inheritance 2. Exceptions 3. I/O 4. Collections 5. Packages 6. GUIs |
| LAB/STUDIO OUTCOMES |  |
| LAB/STUDIO CONTENT |  |
| LECTURE CAPACITY | 32 |
| LAB CAPACITY |  |
| GRADED OR P/NP | Graded |
| EVALUATION | Homework, quizzes, exams |
| DELIVERY METHOD | LEC |
| ROOM REQUIREMENTS |  |
| AUTHOR’S NOTES |  |