JAVA II — ISTC 2315

A. Course Description

- **Credits:** 3.00
- **Lecture Hours/Week:** 2.00
- **Lab Hours/Week:** 1.00
- **OJT Hours/Week:** 0
- **Prerequisites:**
  - ISTC 1300: Introduction to Programming
- **Corequisites:** None
- **MnTC Goals:** None

This course builds on early Java to cover some of Java's more advanced capacities. Topics covered include enterprise-wide development of distributed n-tier client/server applications, Java Database Connectivity (JDBC), server side Java programming (Servlets/JSP), multithreading, collections, and data structures. Prerequisites: ISTC1300 Introduction to Programming

B. Course Effective Dates: 8/20/07 – Present

C. Outline of Major Content Areas

As noted on course syllabus

D. Learning Outcomes

1. Create Java applications using streams and files.
2. Create Java applications using the JOBC Api to work with databases.
3. Create and implement Java interfaces.
4. Develop Java applications using multithreading concepts.
5. Develop multiple class Java applications.
6. Use lambdas in Java applications

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

F. Learner Outcomes Assessment

As noted on course syllabus
G. Special Information

    None noted