Nashville State Community College
Science, Technology, Engineering, & Math
Computer Information Technology

2018 Master Course Syllabus

CISP 1032 Programming C++

Course Name	**Advanced Java**
Course Number	**CIS-2370**
Course Prerequisite	**CIS 2270 (with minimum grade of C)**
Credit Hours	**3.0**
Instructor	

Instructor Contact Information:

Office location
Phone number
E-Mail address

Special Instruction:

Text book:	**Oracle JDeveloper 10g Handbook Roy-Faderman, Koletzke, and Dorsey**
Lab workbook:	**None**
Lab software:	
Reference materials:	**None**
Student provided equipment:	**None**

Course description

An introduction to the Java 2 Enterprise Edition (J2EE) architecture and its Web services technology. Topics covered will consist of database concepts and the Java data object (JDBC/OC4J), Java and XML, Java ServerPages (JSP), and Enterprise JavaBeans (EJB). Oracle's JDeveloper integrated development environment will be used to create applications using the above topics as well as its Business Components for Java (BC4J) features.

Learning Outcomes

- Define and contrast the structure and principles of the J2EE multi-tier architecture.
- Design and implement applications using JDBC objects and embedded SQL statements.
- Develop programs that use the features and capabilities of the JDeveloper integrated development environment.
- Create applications using Oracle's Business Components for Java (BC4J).
- Execute the processes necessary in JDeveloper to design and create Java ServerPages.

Performance Assessments

- Students will complete tests to demonstrate their individual competency in using JDeveloper's features used in the hands on exercises presented in the textbook and assigned projects. Specific criteria for evaluation of these tests are included in the grading policy shown below.
- Students will individually design and implement projects within required specifications based on established criteria for performance. This criteria will be based on established criteria that include all necessary components used in the solution of the project.
- Students' ability to perform procedures and implement processes required in JDeveloper to develop client/server applications and Java ServerPages (JSP) will be measured through a series of assigned projects completed individually within required specifications. Criteria for evaluation of performance will include accurate and efficient application of technical skills and knowledge as well as appropriate behaviors and attitudes. For example, students will be observed to determine the degree to which they ask relevant questions, remain open to ideas, think critically, adapt what they know to new information, approach work with inventiveness and enthusiasm, use precise language when communicating, set and meet deadlines, and so on. Observation tools such as checklist or matrix will be used to document findings. Participation points will result from these observations.

Grading Policy

- All projects will have an assigned deadline
- No points are given for projects turned in after the assigned deadline.
- To receive full credit, all projects must:

- o Be correct and meet the required specifications when turned in for credit.
- o Follow the generally accepted coding standards, syntax, and naming conventions of the Java language and JDeveloper
- o Use descriptive names for defined variables, methods, etc
- o Include appropriate documentation (comments)
- o Follow the indentation rules for good structured code
- Students are expected to do their own work on assigned projects
- Tests will consist of short answer (fill in the bank) questions, true/false questions, and short coding problems

Grades will be determined as follows (**Average = Total points earned / Total points**):

Grade	Average	Points
A	89.5 - 100.0	
B	79.5 - 89.4	
C	69.5 - 79.4	
D	59.5 - 69.4	

Late Work Policy & Make-up Procedures for Missed Assignments and Work:

All work must be submitted on time. Any work submitted late must have prior approval from the instructor to avoid any penalty. Any late work that is submitted without prior instructor approval will receive a 20% late penalty for the first week late, a 40% penalty for the second week late and no points will be given after the second week.

Attendance Policy

Students are expected to attend all scheduled classes and laboratories. Absences in a course may affect a student's final grade. The student is responsible for all assigned work in the course regardless of excused or unexcused absences. Tardiness may also affect a student's final grade.

In online courses, attendance is signaled by logging on to the D2L/NS Online shell, participating as prompted (e.g., responding to an instructor's email, posting to a discussion board) and/or completing and submitting assignments. Campus closures do not affect attendance and assignment completion in online courses.

Technology Statement

Nashville State's classes are considered to be web-enhanced. Faculty have an expectation that students will use a computer and the Internet to complete assignments, engage in online discussions, and access various course materials through D2L/NS Online course shells. Computers are available for student use at each campus during campus open hours.

D2L/NS Online and myNSCC

It is students' responsibility to check D2L/NS Online course shells for all enrolled courses and myNSCC, including student email, on a regular basis. These are the official communication channels between the college and students, who are responsible for the information communicated through those channels. D2L/NS Online contains specific course information and myNSCC contains information important for other purposes.

ADA Compliance Statement

Nashville State complies with the Americans with Disabilities Act (ADA). If you require accommodations for any courses in which you are enrolled, contact the Access Center at 615.353.3741 or 615.353.3721, or e-mail accesscenter@nscc.edu. If you are registered with the Access Center and require an alternate format for the textbook and other course materials, please contact the Access Center.

Classroom Misconduct

Nashville State Community College has a zero-tolerance policy for disruptive conduct in the classroom. Students whose behavior disrupts the classroom will be subject to disciplinary measures. Please review the Nashville State Student Code of Conduct policy. Please be aware that children are not allowed in class or to be left unattended on campus.

Academic Misconduct

Any form of academic dishonesty, cheating, plagiarizing, or other academic misconduct is prohibited. Students are responsible for understanding and abiding by the Academic Misconduct Policy in the Nashville State Student Code of Conduct. In addition to other possible disciplinary measures that may be applied through regular college procedures as a result of academic dishonesty, the instructor has the authority to assign an "F" or a "zero" for the exercise, paper, or examination, or to assign an "F" for the course. Students may appeal through the appropriate college grade appeal procedures.

Academic Early Alert System

Nashville State Community College uses an Early Alert System to let students know of a faculty member's concern in one or more of these academic areas: lack of attendance, lack of classroom participation, late or missing assignments, and/or poor performance on assignments/tests. *Please note that Early Alerts do not affect a student's academic standing. If you receive an Early Alert email, please see your instructor and your academic advisor as soon as possible.

RAVE Emergency Alert System

Emergency events can happen at any time and Nashville State Community College wants to be able notify students if and when they occur. For this reason, all students have been enrolled in the free RAVE alert system. If you have not already done so, please log in at https://www.getrave.com/login/nscc to confirm and update your contact information and notification preferences. It is critical that your information be correct so that you will receive any emergency notifications. Your RAVE Username is your NSCC email address. If you've never received an email from RAVE with your password, or if you need to reset your password, select "Forgot your password?" and a new password will be emailed to you. Should the RAVE system indicate "user not found", select Register and create your own RAVE account.

Inclement Weather & Campus Closings

Nashville State will use the RAVE alert system to send a text message to students, staff, and faculty about adjusted hours of operation and/or closings at individual campuses. All students should check the Nashville State web site home page at www.nscc.edu for announcements on campus closures, which may vary from campus to campus. Campus closures will also be announced on local television stations. Students should use their own best judgment in determining whether to report to campus during inclement weather when classes are not cancelled.

Even when campuses are closed, students are still responsible for completing all assigned work. When classes are cancelled, faculty will post online assignments and any additional instructions in the D2L/NS Online course shell. Check D2L/NS Online for a message from your instructor regarding your online assignment requirements. Faculty have discretion over adjusting deadlines or due date for assignments, but students are responsible for completing all assigned work by the due date established by the instructor.

Class Cancellation Policy

If the class is cancelled, the instructor will notify all students by posting in the D2L/NS Online course, e-mailing through D2L/NS Online, and/or by posting a sign on the classroom door. In the event of class cancellation, students must access D2L/NS Online to complete classwork and the assignment that will be posted in the course D2L site.