Course Number: JAVA 6525

Course Title: Spring MVC I

Course Description: This course examines how to use the MVC module in the Spring Framework to simplify Java web application development. Learn how Spring MVC is designed and how to use it to reduce your Web application development effort.

Suggested Course Prerequisite(s): Java Web Application Development II, Introduction to Spring or equivalent experience.

Course Resources: Students will attend as many of the scheduled classes as possible. Students will be personally responsible for any assignments given in class. Pro Spring MVC: with Web Flow Marten Deinum and Koen Serneels Publisher: Apress; ISBN: 978-1430241553

Student Learning Outcomes: Understand the MVC Design pattern Compare modern Java Web Development frameworks Develop web applications using Spring’s MVC framework. Use the JDBC & abstraction layer to isolate database access.

Certification Notes: N/A

Next course recommendation: Spring MVC II, Introduction to Hibernate

Refund Policy: Please refer to www.collin.edu/ce/inforegistrar.html for our refund policy. No refunds after the start time of the first class.

Americans with Disabilities Act: Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal opportunity. It is the student’s responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current Collin Student Handbook for additional information.

Course Sessions: Listed are guidelines to indicate all topics that will be covered during your course. Do not plan your personal calendar based on these sessions. Your instructor will give you a calendar for your class that will indicate specific topics, assignments, and days.

Lesson Plan – by week or session:
Session 1: Spring Overview, MVC, Java Web Frameworks, Spring Configuration
Session 2: Spring MVC Fundamentals and Architecture
Session 3: Spring Controllers
Session 4: Spring View resolution, validation, testing, tag libraries.

Method of Evaluation: Unless otherwise stated, course completion is evaluated on the basis of attendance. Students must be in attendance 90% of each course in a certificate series for successful completion and to earn a certificate as specified.