Collin College - Continuing Education
COURSE SYLLABUS

Course Number: CPGM 6365

Course Title: Software Quality Assurance

Course Description: Develop an understanding of software quality and evaluation techniques.

Suggested Course Prerequisite(s): N/A

Course Resources: Software Testing and Quality Assurance Theory and Practice

Essential Scrum: A Practical Guide to the Most Popular Agile Process Rubin (ref)

Selenium 2 Testing Tools
Davin Burns (ref)

Student Learning Outcomes: Demonstrate understanding of software development process and quality evaluation techniques.

Certification Notes: N/A

Next course recommendation: Beginning Programming I

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:
1. Introduction to Software Quality Assurance
2. Software Life Cycle and Types
3. Agile and Scrum & Test Cases exercises
4. Agile and Scrum & Test Cases exercises
5. Automated Verification Practice
6. Automated Verification Practice
7. Automated Verification PracticeSoftware quality life cycle, evaluation

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.