Course Title: Software Quality Assurance

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

Suggested Course Prerequisite(s):

Course Objectives:
Demonstrate understanding of software development process and quality evaluation techniques.

Textbook(s): Optional
Software Testing and Quality Assurance Theory and Practice
Naik and Tripathy
Essential Scrum: A Practical Guide to the Most Popular Agile Process
Rubin (ref)
Selenium 2 Testing Tools
Davin Burns (ref)

Next Class Possibilities:

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 Practice

Course Sessions: listed are a guideline 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.

Method of Evaluation: Unless otherwise stated, course completion is evaluated on the basis of attendance. Students must be in attendance 90% of the class time in order to be considered a successful completer of the course.

Students must be in attendance 90% of each course in a certificate series for successful completion and to earn a certificate as specified.

Students must complete all courses (core and no. of elective courses needed) to complete a certificate series within two years from start date of the first course taken.

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-G200 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current Collin Student Handbook for additional information.
http://www.collin.edu/studentresources/personal/studenthandbook.aspx