

Course Syllabus/Outline Development Form

1. NAME OF COURSE:

ITSE 6077 - Introduction to Software Quality Assurance

2. NUMBER OF CLOCK HOURS:

8 hrs

3. COURSE DESCRIPTION:

This course will cover tests performed at different levels of localized software products. Students should have an understanding of the software life cycle.

4. COURSE OBJECTIVES:

- a. Define the four levels of localized software testing.
- b. Explain the various computer configurations needed to prepare tests.
- c. Explain bug and feature tracking
- d. Explain testing work flow
- e. Explain the three types of testing tools

5. RATIONALE:

The student will have a better understanding of the Software Life Cycle testing and Software Quality Assurance.

6. REQUIRED MATERIALS:

Author: Bert Esselink
Title: A Practical Guide to Localization
Edition: Vol 4
Publisher: John Benjamins Publishing Co.
ISBN-10: 1588110060
ISBN-13: 978-1588110060

7. EVALUATION:

1. Class participation
2. Test score
3. Attendance

8. COURSE OUTLINE:

Topic	Sub-topics	# of hours
1. Levels of Testing	1.A Internationalization Testing 1.B Localization Testing 1.C. Function Testing 1.D. Delivery Testing	2
2. Preparation	2.A Testing Team Setup 2.B Computer Configuration	2
3. Testing Management	3.A Bug and Feature Tracking 3.B Testing Work Flow	2
4. Testing Tools	4.A Automated Testing 4.B Localization Testing 4.C In House Testing	2
		8 total