SOFTWARE QUALITY ASSURANCE

LEA.DE

Before being released to the market, applications, video games and software must be tested for quality. A software tester is a person who works to ensure a certain level of quality in software and analyzes their performance before anyone else.

COURSE OBJECTIVES

The course identifies the need for quality development and management in the evolution of software technologies.

The course covers all the aspects of manual and automated testing methods. To set the basics high, we designed the curriculum that ensures the fundamentals of testing, languages used and Databases.

WHAT WILL YOU LEARN?

♦ The key concepts of software testing.

♦ The roles and responsibilities of a Quality Analyst in the various stages of the SDLC

♦ Hand on experience on JIRA application utilization and how to follow up on challenges related to them

♦ Read and understand the RUP (Rational Unified Process) methods and sections.

♦ Preparing a Review Strategy and Planning to work as a Quality Analyst

♦ Understand test rating strategies such as Best Guess, Ad-hoc method, WBS, Delphi, Three-Point Estimation and Test Point Analysis

♦ Developing in-depth knowledge about the frameworks of automated testing

♦ Detailed understanding of automation tools such as Selenium WebDriver.

♦ The course also focuses on understanding

the SQL queries to better understand databases and relative test suits for them.

RELATED JOBS

♦ Application Inspector/Systems Testing Specialist

♦ Software Test Coordinator/Software Tester

♦ System Inspector/Test Systems Specialist

♦ User acceptance tester

♦ Software Designer/Software Developer

ADMISSION REQUIREMENTS

A person with training deemed sufficient by the college and who meets one of the following conditions is eligible for a program leading to an attestation of collegial studies (ACS):

(1) The person has interrupted his or her full-time studies or pursued full-time postsecondary studies for at least 2 consecutive sessions or 1 academic year

(2) The person is covered by an agreement entered into between the college and an employer or by a government program of studies.

(3) The person has interrupted his or her full-time studies for one term and pursued full-time postsecondary studies for one term

(4) The person holds a Secondary School Vocational Diploma.

Quality assurance is not to develop new software but to make it better.

Is an important step in the development of the software

REQUIRED EQUIPMENT

The student must have their personal laptop with Windows (64 bit) operating system.

Specifications:

♦ Processor: Intel I5 or AMD A8

♦ Memory: 8 GB or more

♦ Speed: 2.0 GHz

♦ Hard disk: 1 TB or more

♦ Display: 14 inches or more

♦ Connectivity: USB 3.0, WIFI and NIC LAN.

CREDENTIAL

Attestation of Collégial Studies
AEC

Duration

2 years (5 Semester)

Sessions

January, May, September

Language of Instruction

French/English

Delivery Options

Hybrid
(On-Campus and Virtual)