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Your quality assurance course outline should equip you well enough to get a job by RAMKY

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Quality assurance training program will stand you in good stead if you are looking at a career in the software industry. For although quality assurance can be applied in any field nowhere is its importance more evident than in the software industry where technical skills are highly prized and are mandatory. A QA or quality assurance course is excellent for novices looking to gain a foothold in the software industry. It is equally useful for software professionals already established in the industry to hone their knowledge and skills and gain new inputs. Quality assurance is applicable in all sectors of business as well as non-business areas but the software industry is the one which benefits the most from it and requires it the most. The quality assurance course outline at its most basic will teach the rudimentary concepts and will progress to more advanced levels.

The core of the quality assurance course outline will consist of the introductory testing methodsand software development life cycle or SDLC. Web applications for clients/servers and various documentations like businessrequirement document, functional requirement documents and system design specification are also taught. Quality assurance means testing the products or services to ensure quality and hence testing forms a very crucial part of any quality assurance course outline. Various testing strategies are taught to studentsso that they know how to apply them in various situations. Test cases, test scenarios, test plans, test scripts, test summary reports are all part of the curriculum. Along with these, testing types, software testing life cycle or STLC, traceability matrix, V-model, agile, RUP are also taught. Students are given knowledge in test data, execution, strategy and planning, test reports, logs, manual testing tools and severity vs. priority.

Testing techniques is very important for quality assurance and hence a quality assurance course outline of any reputable training institute will comprise white box testing, black box testing and grey box testing. Various testing types which include integration testing, unit testing, regression testing, performance/load testing, system testing and functionality testing form an important part of the course. Other testing types which are considered crucial like compatibility testing, user acceptance testing, stress testing, smoke testing, sanity testing, security testing and backend testing are also included.

Since quality assurance means discovering errors and putting them right at the beginning of a project, bug and defect processes form a critical part of the quality assurance course outline. This process includes DLC or defect life cycle, defect tracking and management, defect priority and report and impact analysis. SQL or structured query language is essential in any quality assurance program and students taught data manipulation language, sorting techniques, operators, SQL views and many more concepts. Data definition language or DDL like create, alter or drop table are taught to students. Basic programming concepts, bug tracker, load runner, QC or quality centre, QTP or quick test professional are part of the course.

Opt for training at a place where its quality assurance course outline covers all the above features for a high-paying job in the software sector.

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RAMKY - About Author:
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