

# SOFTWARE QUALITY AND ASSURANCE TESTING

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## SOFTWARE QUALITY AND ASSURANCE TESTING - 7170

As software becomes more complex, it is necessary to establish processes and clear methodologies. Doing so will ensure that the end-product has been exposed to intensive and rigorous industry-wide testing techniques and procedures. This will translate into a high degree of assurance that a software system passes the test for correctness and reliability. Beginners and those who already have an IT diploma/degree or industry IT professionals seeking formal qualifications would be interested in this certificate.



The SQAT certificate consists of six (6) 30-hour courses.

**Automation and Testing tools include IBM Rational, HP Mercury and Microsoft VS and Test Manager.**

### PROGRAM COURSES:

**Courses must be taken in the order shown below.**

- SQAT-001** INTRODUCTION TO TESTING PRINCIPLES & METHODOLOGIES
- SQAT-002** WRITING TESTABLE REQUIREMENTS
- SQAT-003** SELECTING AND IMPLEMENTING SOFTWARE TESTING TOOLS
- SQAT-004** MANAGING THE TESTING PROCESS
- SQAT-005** SOFTWARE QUALITY ASSURANCE
- SQAT-006** SOFTWARE TESTING AUTOMATION TOOLS AND BEST PRACTICES

For more information about this program visit the Continuing Education web site or to register online go to: [www.centennialcollege.ca/webreg](http://www.centennialcollege.ca/webreg), or contact: **Marion Amato** – [mamato@centennialcollege.ca](mailto:mamato@centennialcollege.ca) or (416) 289-5000 ext. 7263

