Middle Georgia State University

# Course Modification (Non-Gen Ed)

Proposal

Instructions: All course proposals must be signed by the Chair and Dean and submitted to the Office of the Provost.

Department/School: School of Information Technology

Course Subject

Course Number

Abbreviated Title for Catalog (≤30 characters and spaces): Software Testing and Quality

Effective Semester: Fall 2018

Lecture Hours:

Laboratory Hours:

Credit Hours: 3

Prerequisites

Chair

Date

Member

Dean

Provost

**Current Course**

ITEC 4365 Software Testing and Quality Assurance

**Description**

quality assurance with an emphasis on the important role of testing in the software development life cycle. Topics include commonly used software testing strategies, testing techniques, software inspection, quality models and measures, quality assurance, defect prevention and process improvement, and so on.

Prerequisites: At least a C in ITEC 2372

Credits

3 credits

**Proposed**

ITEC 4365 Software Testing and Quality Assurance

**Course Description**

This course introduces various topics of software testing and quality assurance with an emphasis on the important role of testing in the software development life cycle. Topics include commonly used software testing strategies, testing techniques, software inspection, quality models and measures, quality assurance, defect prevention and process improvement, and so on.

**Prerequisites:** Prerequisite: Successful completion of ITEC 2372

**Change:**

Is this course a requirement in a program outside of the home department or school?

[redacted]

[redacted]

Signature | Date

Name | Title

Signature | Date