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Dr. David A. Gaitros, Associate Chair

MEMORANDUM FOR THE RECORD

DATE: September 16, 2013

FROM: Dr. David A. Gaitros, Associate Chair
               Department of Computer Science

RE: Annual Review of the Software Engineering Undergraduate Courses

1. **Attendees:** Dr. Robert Lacher and Dr. David Gaitros
2. **Courses Under Review:** CEN4020 Software Engineering I and CEN4021 Software Engineering II
3. **Meeting Agenda**: The Software Engineering Undergraduate committee reviewed the syllabi for the two course sequence (both Classroom and Distance Learning) and have the following comments and recommendations.
4. **Discussion: Are there any problems with course last year? If Yes, describe the problems.**
   a. Dr. Gaitros opened the meeting by stating some areas in the current class that could use improvement.
      i. During past classes it was noticed that assessing a student's ability to produce code was difficult because in some cases most of the coding was accomplished by a few members of the team.
      ii. Additional materials were needed to substitute for missing items in the textbook.
      iii. The UML tool used was not standardized causing grading problems and compatibility issues among students.
      iv. In the second course in the sequence (CEN4021) there were still some students who did not produce accurate UML diagrams.
      v. The example used for developing the UML diagrams (University Test Reservation System) is too large and complex .
5. **Recommendations: Course committee recommendations to the current/future instructors.**
   a. Changes to the program should be implemented starting Fall 2014 if possible given the availability of personnel to update the material.
   b. It was recommended that the current textbook be reviewed to ensure that it contains the most complete and relative material for the course. The same book should be used for both courses if possible.

c. The Syllabus for both the Distance and Classroom version should be as close as possible. In the case that different instructors are teaching the class each should use the same syllabus, same grading standard, and same textbook for continuity.

d. Continued emphasis should be placed in the first course sequence on understanding UML modeling tools and more emphasis in agile methodologies. Students should also get an introduction to a configuration management tool.

e. A new example should be found to substitute the Test Reservation System currently used. The example should map very accurately to UML diagrams in order to assess a student's ability to review requirements specifications and translate to Use Case, Class, and Sequence diagrams.

6. Course committee recommendations to department/UCC regarding this course.
None at this time.

Should you have any questions concerning this matter, please feel free to contact me at gaitrosd@cs.fsu.edu, by phone at (850) 644-4055, or by mail addressed to: David A. Gaitros, MCH 103 , Mail code 4530, FSU, Tallahassee FL, 32306-4530