

## **Review of teaching and curriculum activity for Charles Allison (Chuck)**

**By W. Kirk Love, Department Chair, Computer Science Department**

**November 30, 2010**

Chuck Allison is certainly one of our department's greatest assets. In any senior division class I have taught, students coming from Professor Allison's classes are always top performing programmers.

From time to time, I have heard students comment on his classes and I have heard nothing but positive reviews on his teaching ability. Students leave his classes feeling positive, well versed in the material as well as having a great learning experience. Chuck is very knowledgeable in his field and genuinely cares about his students.

Chuck is very well studied in Computer Science. He remains updated with industry and research trends and then reports back to our department. Because of his proficiency in this, Chuck has been chair of our Computer Science (CS) track since October of 2001. In this role he leads department faculty members participating on our CS track's committee in defining all related CS track curriculum. Chuck works well with all faculty members in our department and does an excellent job leading this critical committee.

Chuck has created two very significant classes for our department that did not exist prior. These classes are: CS 3450 (Fall of 2005) and CS 3320 (Spring of 2005). CS 3450 - Principles and Patterns of Software Design, is a leading edge class that greatly improves a student's ability to design software solutions. CS 3320 - Numerical Software Development, is a "bread and butter" class that our curriculum had been lacking since its inception. Knowledge of numerical analysis is critical to solving complex computational problems on a computer. Both of these classes greatly contribute to the effectiveness of our graduates and their ability to compete in the job market.

All of our faculty members are assigned courses that they mentor. Mentoring a course consists of:

- Represent their courses in department meetings, curriculum meetings, and outside of the department as appropriate.
- Provide a repository for course materials (e.g., syllabus, tests, quizzes, assignments, text book, etc.).
- Work with adjunct faculty and/or other faculty members teaching the course to ensure they understand material and are teaching it effectively.
- Hire and supervise tutors and graders when applicable.
- Maintain course information in COMET and also in ABET binders.
- Ensure course content and materials (e.g., textbooks) are up to date.

- Ensure school labs have proper support software installed and operational.

In our department, Chuck is responsible for mentoring the following courses:

CS 3240 - Introduction to Computational Theory

CS 3320 - Numerical Software Development

CS 3370 - C ++ Software Development

CS 4450 - Analysis of Programming Languages

Chuck has served in this role effectively and performed all responsibilities as required.

Our department has grown greatly because of Professor Allison's contributions. He is a committed and proficient faculty member. It has been my pleasure to work with him.

A handwritten signature in dark ink, appearing to read "W. Kirk Love", with a stylized, flowing script.

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