

Abilene Christian University Faculty Evaluation

Name Ehrke, John Department Mathematics Date 5/3/2010

Teaching

Teaching Goals for the Year (completed by June 1 by faculty member)

1. Revamp my grading system for homework in MATH 227 (and subsequent upper division math courses) to include a rubric with outline expectations for student responses. I am cracking down on the homework that is submitted to me from now on.
2. Develop the course syllabus and curriculum for a special topics continuation of MATH 361 including PDE's.
3. Successfully complete the pre-tenure portfolio review. I will present a first draft of my T&P portfolio in September.

Chair's Comments on Goals

These are good goals for the year. DH 05/27/10

Reflections on Goals

(completed by March 1 by faculty member)

1. I have created a grading rubric for homework in MATH 227 that takes into account the accuracy of a student response, the quality of the student response (in terms of techniques applied, elegance of solution, etc.), and organization/neatness of the response. This turned out to be a highly effective way of grading 227 homework which I limited to 5 problems per week. I will adopt something similar in the future for MATH 186 and MATH 361.
2. I have developed a tentative course syllabus which I shared with physics in addition to having several meetings with physics department and Dr. Riggs about implementing this course. The course will begin in Spring 2012.
3. I submitted my pre-tenure portfolio September 9, 2010. I feel like it was well received and I got some good feedback to help me put together a better final product when I go up for review in Fall 2012.

Chair's Evaluation of Goal Completion (completed by April 1)

Not met	Met	Met with Distinction
	✓	
	✓	
	✓	

Additional teaching activities not included in goals:

1. I have extended and developed my screencasting/final paper project for MATH 361 and worked on developing the type of project that could incentivize participation in the undergraduate research festival for when the course starts being offered in Fall 2011.

Not met	Met	Met with Distinction
	✓	

Areas of Competence: Faculty are expected to develop competence in each of these areas (completed by April 1 by chair)

Student Satisfaction

Classroom Effectiveness

Syllabi

Integration of Faith/Learning

Class/Course Enhancement

Student Advising/Mentoring

Unsatisfactory	Needs Improvement	Effective	Excellent
		✓	
			✓
			✓
			✓
			✓
			✓

Teaching (Overall rating by chair)

Unsatisfactory	Needs Improvement	Effective	Excellent
			✓

Comments:

John continuously works at improving the classroom experience for his students. His blog/podcasting tutorials in MATH 120 have been particularly effective. He also served as a faculty mentor for a MATH 497 capstone project.

Scholarship

Scholarship/Creativity Goals for the Year (completed by June 1 by faculty member)

1. Complete a mobile redesign of the MATH 120-130 curriculum, including a case study of the effects of mobile computation devices on student critical thinking and performance vs. standard handheld calculators.
2. Publish the findings of the Fall semester case study.
3. Speak at a conference regarding the use of mobile devices from the fall.

Chair's Comments on Goals

These goals are fine for this year; however, you do need to continue your scholarship in mathematics.
DH 05/27/10

Reflections on Goals

(completed by March 1 by faculty member)

Chair's Evaluation of Goal Completion (completed by April 1)

1. The fall semester case study was completed successfully. Student opinions, data were collected and are in the process of being analyzed. Several conversations were held with Texas Instruments in regards to the case study. When we first began talking to them they did not seem interested in the mobile market in terms of making an app, but over time they have softened that stance and now recently revealed to me that they are in development on an app. I'd like to think this case study and our conversations helped to spur this change. I was awarded a Summer Stipend to work on MATH 120-130 curriculum and presented my findings to the faculty on January 27.
2. I was awarded a Mobile Learning Fellowship to pursue my case study more. I'm currently working on a publishable article (to appear this Spring), but over the course of working on this case study it has become clear to me that the study needs more longitudinal. Texas Instruments agrees and has offered the services of one of their researchers.
3. I spoke at the ACU Connected conference on February 28 as a part of a faculty panel. I've also been invited to be a part of a faculty panel on mobile learning at MAA Mathfest in Lexington, Kentucky this summer. I'm awaiting to hear if that is still a go. I've submitted to speak at the Texas Section of the MAA in Tyler in April, and I'm still waiting to hear if my talk has been accepted.

Not met	Met	Met with Distinction
		✓
	✓	
		✓

Additional scholarly/creative activities:

1. I have been in discussions with the campus blog administrators about securing a blog for departmental use to house video/lecture content, spotlights on faculty/students. We've picked a theme and I will begin putting all the pieces together this summer.

Not met	Met	Met with Distinction
	✓	

**Scholarship/Creativity
(Overall rating by chair)**

Unsatisfactory	Needs Improvement	Effective	Excellent
			✓

Comments:

John has made presentations at local, state and international conferences. His mobile learning work has been outstanding and a model for the rest of the department.

Service

Service Goals for the Year (completed by June 1 by faculty member)

1. Continue serving on UGEC for the academic year.
2. Provide students with a more structured environment to help grow Mu Sigma as its faculty advisor.
3. Continue serving as the departmental library liaison, and abundant life committee member.

Chair's Comments on Goals

These goals reflect service to the department and university. DH 05/27/10

Reflections on Goals

(completed by March 1 by faculty member)

1. I have served on the UGEC for my second year now, and we have voted on/discussed the implementation of all the new core courses. All in all, it has been a very good experience and has helped me to understand the inner workings of the campus better.
2. I facilitated a building wide survey to gauge interest in Mu Sigma in the Fall as well as holding two separate interest meetings. The combined total of students who responded to any of these opportunities was 4. The interest is just not there at the moment, so I'm not sure where to go at this point.
3. I continued my role as the departmental library liaison and procured 3 new journal subscriptions to help round out our selections for students/faculty. Even though we do not meet much anymore since the university contracted to Vivere, I'm still an abundant life committee member and have participated when asked.

Chair's Evaluation of Goal Completion (completed by April 1)

Not met	Met	Met with Distinction
	✓	
	✓	
	✓	

NOTE: Activities should reflect service in at least two of the following categories: Profession, University/College, Department, Community/Church.

Unsatisfactory	Needs Improvement	Effective	Excellent
		✓	

Service (Overall rating by chair)

Comments:

John has service activities supporting the department and the university.

Summary Assessment by Department Chair

Written Comments:

1. Collegiality

John has demonstrated collegiality in areas of teaching, scholarship and service.

2. Progress toward tenure

John has completed his pre-tenure portfolio.

3. Progress toward promotion

John is on track toward promotion to associate professor.

4. Constraints on performance

none

5. Comment on church membership

John is a member of the Highland Church of Christ

6. Other

Faculty

Date

Department Chair

Date