UCAT Curriculum Development
and Instructional Materials
GRANT APPLICATION
2015-2016

The University Committee for the Advancement of Teaching (UCAT) is pleased to offer curriculum development opportunities to faculty for 2015-2016. Grants can be used to support significant curricular development activities related to either new course/curriculum creation or course/curriculum revision. Additionally, the committee will accept applications for the purchase of pedagogical and/or classroom materials that are essential to either a new or existing course.

All full-time faculty members are eligible to apply. Grant applications are due to your college representative by November 6, 2015 and the final application is due to UCAT (submit to unofacdev@unomaha.edu) by November 20, 2015. Applications received after the deadline will not be considered.

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Notes
- All applications MUST be reviewed by your UCAT college representative and the final applications submitted to UCAT via e-mail to unofacdev@unomaha.edu
- You may elect to receive funds for materials (e.g. books, software licenses) for either course development or classroom instruction, receive funds as a lump-sum summer stipend, or a combination of both. Note: stipends will require standard tax deductions.
- Routine course maintenance (changes to syllabus for new textbook edition, CCMS data entry, etc.) will not be considered for funding.
- Applications submitted to the full UCAT committee will not be returned for revision and resubmission; poorly described, incomplete, or unclear applications will be rejected.
- Budgets should be as complete and accurate as possible.
- Sample applications and the rubric used by the committee to review applications is available at the UCAT Curriculum Development Grant webpage (http://cfe.unomaha.edu); please review before submitting your grant application to your UCAT representative.
- Faculty may only receive one UCAT Curriculum Development grant per academic year.
If your proposal is accepted, you are responsible for submitting two separate reports including:

- An initial report of 2-3 pages describing the work completed as a result of the curriculum development funding will be due by August 31, 2016.
- A final report of 2-3 pages describing the implementation of your curriculum development project, including learning outcomes and student feedback is due at the end of the semester in which the new or revised course is offered.
Applicant Information

Name Ryan Schuetzler
Faculty position: Assistant Professor

Campus phone: 402-554-3007
Office address: 284D PKI

E-mail: rschuetzler@unomaha.edu

Department/School: ISQA
College: IS&T

Have you received a UCAT Curriculum Development Grant in the past? Yes X No

Signature of Department Chair/School Director: [Signature]

Date Submitted to UCAT Representative: November 2, 2015

Curriculum Development Information

Course(s) Name and Number: ISQA 4380

Please mark appropriate line: New Course Proposal X Significant redesign of existing course or curriculum
Budget
(List Requests at left; add more lines as necessary)

Stipend $0
Development Materials
   Yeti blue microphone $130
   Pop filter $10
   Monitor headphones $80
   Logitech C930e HD webcam $104
Classroom Materials $0

TOTAL $324

TOTAL UCAT REQUEST $324
(maximum UCAT award is $1,000)

Rationale for the Grant Proposal

The current ISQA 4380 (Distributed Technologies and Systems) course is primarily a classroom lecture-based class. These supplies will allow me to prepare and record high-quality audio and video in conjunction with a flipped classroom design for the class. The concept will be to record lecture material for viewing outside of class, so that class time can be better spent on the completion of course projects and assignments. A flipped classroom design improves the experience for students by shifting the “lecture” part of class from class time into an activity to be completed prior to coming to class. It will enable more classroom interaction and hands-on experiences with the technology. Because of the technical nature of the ISQA 4380 material, this will create a more beneficial learning environment and improve student outcomes by giving them more time to ask questions and to learn and develop their skills in the supported environment of the classroom. My current equipment will produce poor quality recordings that will distract from the

The specific supplies needed are the microphone and headphones to record high quality audio, and the high definition Logitech webcam. The Yeti Blue microphone is selected because it is a well-reviewed multi-pattern microphone for creating high quality voice recordings. It is paired with a pop filter (to eliminate the forceful “p” sound during voice recordings) and monitor headphones to allow me to listen to my recording session to eliminate any troublesome or distracting sections of the recording. The monitor headphones selected are the Sony MDR7506 studio headphones, which are selected because they are extremely well reviewed. Finally, the Logitech HD webcam is selected because it has a wide field-of-view in order to better capture recordings from the whiteboard.