



The Flipped Classroom Applied to Online Learning

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Abstract

This abstract is submitted for an oral presentation that addresses the conference topic of Innovative Teaching and Learning Methodologies. The flipped classroom is a pedagogical model in which the typical lecture and homework of student work are placed in reversed order in a course [1]. This approach gives students class time to apply concepts, and provides time for instructors to give feedback in order to detect errors in thinking. The flipped method gives students more flexibility to learn at their own pace outside of class. It creates a role change for instructors who are challenged to create learning activities that prepare students for in-class applied learning. The idea of the flipped classroom can be used with online learners who receive didactic information through audio visual means which can then be discussed and applied in the discussion forums and in group assignments. The presentation describes a situation where faculty were faced with the problem of preparing nursing students with basic knowledge about finance, accounting, and economics that was needed in advanced coursework. There was insufficient time and no available credits to support having an additional course. To address this faculty created modules that could be reviewed by the students at an individual pace before advanced courses. The modules were self-paced, interactive, and included self-assessments to gage learning. Audio visual aspects of the modules were used to made them interesting and engaging. Students could ask questions of faculty on a special discussion forum. Student opinions of the learning experience were elicited. The results were highly complementary of the teaching approach, and students praised the self-paced aspects of this teaching format. A review of the process of designing and creating the online learning modules will be presented along with an example of a module. Presenters will provide suggestions for teachers at any level on how to build self-paced interactive modules that could be used in the flipped classroom.

References

- [1] Educause (2012). Educasue Learning Initiative. Retrieved at <http://creativecommons.org/licenses/by-nc-nd/3.0/>