The video anime project has now been completed and the anime video can be found at the following web link: http://units.maths.uwa.edu.au/2011/1/STAT2227/Anime%20Video/

The funding has been used for the following purposes:

1) Acquiring online and physical storage for the videos
2) Hiring of personnel to create the videos.

A total of $2412.53 were spent on these items. Details of these expenditures are attached in this report.

This video has been used in STAT2227, first semester 2011, and a subsequent testing on the subject matter revealed a marked improvement in conceptual understanding compared to previous years. The implementation of video based learning resulted 70% of the students having a firm grasp of these statistical concepts, compared to close to 0% before the video based learning intervention.

Students were also overwhelmingly positive on the use of videos and creation of further videos in the classroom. The use of examples to illustrate concepts and the ability to play back on anything they are not clear about were the most common positive feedbacks. Students also reported that the video cleared many of the misconceptions they had and one mature student remarked that this video actually helped him to understand a topic he never really understood well before. Additionally, many students find the video an engaging and fun way of learning statistics. Students were almost universal in their remarks as to the need for interactive questions as part of the video based learning. This is something that can be addressed if further funding can be secured for the development of these videos.

This video will be used in STAT1520 (first year course) as part of the curriculum in my class in second semester 2011. Further surveys and feedbacks will be sought upon delivery. It is expected this video will be re-used in STAT2227, STAT1520 and possibly STAT1400 in future years, with modifications as needed to tailor for the special requirement for each course. This video provides an excellent foundation for the development of courses based on video learning and it is expected that with sufficient future funding, it will ultimately shape the way we teach statistics in the future.

I am thankful for the opportunity provided by Centre of Advanced Teaching and Learning in the creation of this video. It has proven to be a very worthwhile journey for the students and I welcome further opportunities to develop more videos to enhance students’ learning in the future.