



Using Interactive Videodisc with Large Classes to Improve Instruction and Faculty Productivity

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For the past five years at Grove City College a videodisc package has been used in the introductory computer course. The course normally draws about 400 students per year and covers terminology and software use. The videodisc package is used to deliver the terminology portion of the course.

This presentation will describe the use of the DEC IVIS system (Level III interactive videodisc) as a teaching tool. Interactive videodisc is used to deliver the equivalent of one month of standard lecture instruction. The way in which the disc is used and the course is managed will be described.

Advantages and disadvantages of using a videodisc as the primary means of instruction will be summarized. Results of an attitudinal survey of student satisfaction with the delivery method will be presented. Two research studies were conducted to evaluate the effectiveness of the disc as an instructional method. The results of those studies, lecture vs. disc and lecture vs. tape, will be summarized.