



Multimedia Laboratory for Introductory Biology

University of Regina

Objectives for Innovation

Multimedia CD-ROM

Intended Audience

Students in Biology 100

Results Achieved

Interactive multimedia introductory biology laboratory

Increased access to natural science courses off-campus

Flexible access for students at designated lab sites across the province and at the University of Regina

Implementation

September 2000

This program provides multimedia instructional materials for use with face-to-face laboratory sessions to support the televised Biology 100 (Introductory Biology I) course. The biology laboratories are located at designated sites across the province.

The interactive CD-ROM introduces students to classification in the animal kingdom. Students examine representative species from various classes using still photographs, videos and accompanying text and audio. The CD also gives students the opportunity to test their knowledge and skills through practice exercises and quizzes.

The laboratory sessions are required to provide more in-depth study of complex biology concepts. The multimedia CD offers a flexible and responsive mode for students. It enables them to control their pace of learning at a place and time convenient to them. Students can also follow paths of ability or interest, and practice skills and knowledge with feedback to improve their understanding of the material.

Access to suitable laboratory facilities is one of the key barriers to studying science off-campus. Providing a laboratory session in an interactive and flexible format is a positive step towards increasing access to biology studies.

The CD may also serve as a guided tutorial for on-campus students to review specimens and slides outside of a laboratory session.

Contact

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