Exploring the Impact of E-Learning on Student Satisfaction and Teaching Innovations in Higher Education

Chin Ting (Emily) Chou

Assistant Professor, Department of Applied English, Chihlee University of Technology, New Taipei, Taiwan

Hong-Jin Lu

Assistant Professor, Department of Applied English, Chihlee University of Technology, New Taipei, Taiwan

Abstract:

E-learning has become a global trend in education, fueled by advancements in information and communication technologies. In the United States, over 7 million higher education students are enrolled in online courses (Statista, 2023). Taiwan has actively promoted e-learning since 1998 through initiatives like the "National Information and Communication Infrastructure Development Plan," supported by high broadband penetration exceeding 90% in Taiwanese households (Taiwan Network Information Center, 2023). E-learning has transformed higher education by offering flexibility and diverse learning options, fostering innovation in course content, and enhancing teacher student interactions.

The objectives of this research include:

1. Exploring university students' overall satisfaction with e-learning courses.

2. Comparing differences in satisfaction based on various attributes and motivational factors.

3. Analyzing the impact of e-learning on teaching strategies and interaction models.

This study examined university students' satisfaction with asynchronous e-learning courses in 2023. It explores how personal attributes (e.g., gender, program type) and learning attitudes impact satisfaction and investigates how e-learning influences teaching strategies and interaction models. The research aims to provide insights for improving e learning course designs, sharing resources, and enhancing teaching innovation, ultimately improving students' learning experiences and education quality.