## LTEC 5702 - Applications of Artificial Intelligence in Learning Analytics

3 hours

More and more education institutions now see the value of leveraging the enormous and continuously growing data from their learning management system (LMS) and computer-based learning environments. Learning Analytics (LA), as well as related methodologies such as Artificial Intelligence (AI), Machine Learning (ML) and Educational Data Mining (EDM), explores the relationship between learning system usage and a range of outcomes that can positively impact students, teachers, administrators, researcher and learning system designers. This course is designed to help students to learn fundamental EDM/LA concepts and techniques, and how those techniques can be used in solving important problems in education.

Prerequisite(s): LTEC 5030, LTEC 5300; Can be taken concurrent with LTEC 5030 and LTEC 5300; or consent of department.

Course specific fees (in addition to tuition and mandatory):
Academic (AF) per hour: $13.80