



Transfer Course Policies into MSCE Program

Special Agreement for the Students in the BSCE program at the
American University of Sharjah

Dr. Keith Kowalkowski
Director of Civil Engineering Graduate Programs
248-504-2583
kkowalkow@ltu.edu

Department of Civil and Architectural Engineering
College of Engineering
Lawrence Technological University
21000 West Ten Mile Road
Southfield, MI 48075

INTRODUCTION

This document provides specific policies regarding courses that may transfer from the Bachelor of Science in Civil Engineering program at the American University of Sharjah into the Master of Science in Civil Engineering (MSCE) program at Lawrence Technological University (LTU). This partnership between universities was established to promote a 4+1 program in which students complete their BSCE at the American University of Sharjah and have the potential of completing a master's degree within 1 year at LTU.

Per this document, it is possible to transfer as many as 9 credits into the MSCE program. If a full 9 credits are transferred, students will only be required to complete 24 credits for a course work only option and 21 credits for either a thesis or graduate project option at LTU. It is also permitted to transfer 6 credits or 3 credits per these policies.

This document only focuses on transfer credits and limitations in course selection once a student becomes a student in the MSCE program due to the transfer credits. Other MSCE program requirements must still be satisfied to complete the degree and can be found in the program brochure, program website or in the official graduate catalog (see URL). Students are also expected to apply to the program as stated in the graduate catalog.

<https://www.ltu.edu/academicsandmajors/grad-cat>

TRANSFER CREDIT POLICIES

- All courses that are eligible for transfer from the American University of Sharjah into the MSCE program are shown in Table 1, Column "Eligible Sharjah Course for Transfer".
- All courses are considered to transfer in as senior level (4000 level per LTU course numbering system). Therefore, they do not count towards the concentration requirement and do not count toward analytical credits (see MSCE program documents).
- To be eligible for transfer, students must obtain a B or better (or equivalent) in the courses at the American University of Sharjah.
- All classes will be transferred as ECE 5000 with 3 credits assigned. There will be no grade on the LTU transcript. Instead, it will appear as "TR".
- If a student transfers 9 credits, they are not permitted to take any more 4000 level classes at LTU towards the MSCE degree. If 6 credits are transferred, if permitted by the program director, they may complete one 4000 level class (3 credits) and count it towards the MSCE degree. If 3 credits are transferred, if permitted by the program director, they may complete two 4000 level classes and count them towards the MSCE degree.
- Due to similarities in course topics and objectives, if the course taken at the American University of Sharjah is used for transfer credit, students will not be permitted to take the equivalent LTU courses shown in Table 1 Column 2 "LTU Equivalent Course" and count them towards the MSCE degree.

Table 1: Eligible Courses for Transfer from the American University of Sharjah and Equivalent LTU courses if Applicable

Eligible Sharjah Course for Transfer	LTU Equivalent Course
CVE 410 - Computer Methods in Structural Analysis	ECE4733 Advanced Structural Analysis or ECE 5723 Advanced Structures
CVE 411 - Structural Concrete Design	ECE5753 Advanced Concrete Design
CVE 414 - Prestressed Concrete Design	ECE5713 Prestressed Concrete
CVE 441 - Coastal Engineering	ECE5533 Coastal Engineering
CVE 442 - Design of Earth Retaining Structures	ECE5473 Earth Retaining Structures
CVE 446 - Geotechnical Dam Engineering	No Restriction
CVE 451 - Urban Water Infrastructure Management	No Restriction
CVE 452 - Water Supply and Sewerage Engineering	ECE4363 Environmental Engineering Design
CVE 456 - Traffic Engineering	ECE5833 Traffic Engineering
CVE 457 - Airport Planning and Design	No Restriction
CVE 467 - Building Construction Materials Methods	ECE5233 Adv. Const. Techniques and Methods
CVE 472 - Geographic Information Systems	ECE5103 Applied Geographic Information Systems
CVE 478 - Sustainable Concrete Design	No Restriction