

University of Illinois at Urbana-Champaign

Engineering

McHenry County College Transfer Guide

(2011-20012 catalog)

College of Engineering

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Transfer guides are produced as a service to MCC students. Every effort is made to maintain up-to-date and accurate information; however, this information is subject to change. Such changes take precedence over the information on this guide. Students should work with an MCC advisor and check with the four-year school as soon as the transfer decision is made. Responsibility for complying with all applicable requirements ultimately rests with the student.

Transfer Options

- **Illinois Articulation Initiative General Education Core Curriculum (IAI GECC)** - Completing the IAI GECC prior to transferring is not recommended. Students should focus on completing prerequisite math and science courses and some courses that fulfill UIUC general education requirements. Course recommendations on this guide provide guidance to UIUC's general education requirements that can be completed at MCC. The IAI code determines, in most cases, which UIUC General Education requirement will be satisfied. UIUC may make exceptions to benefit a student. For example, MCC's history courses are IAI coded as social science courses but are defined as humanities courses by UIUC.
- **Associate in Engineering Science (AES) Degree** - Engineering baccalaureate programs are highly structured and require extensive, sequential math and science courses at freshman and sophomore levels; some general education courses are postponed to junior and senior years. The AES degree allows students to take courses in this pattern. (The AES degree does not include the complete IAI GECC.) Course recommendations on the following pages of this guide apply to MCC's AES degree and to specific engineering majors at UIUC.

Transfer Application

Application filing periods: **Spring**, Sept 1 – Oct 15; **Fall**, Sept 1 – March 1 (Application after Jan 1 is recommended.) Applicants can indicate a second choice major on the application for admission and in the essay, in the case of not being admitted to the first choice.

Transfer Admission

- **Junior Level Transfer** – (60 transferable credits) Admission is based on college performance and application essay. **Following prerequisites must be completed:** ENG151 & 152; MAT175, 245, & 255; PHY291, 292, & 293; CHM165 & 166; and 3 years of the same foreign language in high school or 2 semesters in college. (**Note** – Several engineering programs only require **one** semester of Chemistry.) Completing other courses required by desired program will enhance admissibility.
- **Sophomore Level Transfer** – (30-59 transferable semester hours) Admission mainly is based on grades in college, courses in college, high school academics, and essays. Sophomore transfer admission preference given to those who would have been admitted as freshmen. **Following prerequisite courses must be completed:** ENG151 & 152; MAT175 & 245; PHY291; CHM165 & 166; and 3 years of the same foreign language in high school or 2 semesters in college. (**Note** – Several engineering programs only require **one** semester of Chemistry.)
- **Minimum Transfer GPA** is 3.0 in the required technical subjects (chemistry, math, and physics) and for minimum cumulative GPA of all coursework completed. Competitive standards for admission may be higher. Admission is especially selective for the Aerospace, Civil, and Mechanical majors (average GPA for students admitted during 2010/11 academic year was 3.8).
- **Calculation for Admission GPA** – UIUC uses all grades (including repeated) from transferable courses when calculating admission GPA. There is no grade forgiveness policy.
- **Foreign Language Requirement** – **For admission**, students must have completed two years of the same foreign language in high school or 2 semesters in college. Beginning Fall 2012, foreign language will not be an admission requirement. **For graduation**, students are required to complete three years of the same foreign language in high school or three semesters in college (Chemical and Biomolecular requires four years in high school or for semesters in college). **It is strongly recommended that transfer applicants complete the foreign language graduation requirement before transfer.**

Additional Information

- UIUC requires at least 60 semester hours of degree requirements be completed through a baccalaureate institution.
- MCC students must complete a 2 credit online bridge Calculus course through UIUC in order to satisfy UIUC's Calculus sequence. (MTH292, Vector Calculus Supplement)
- ECE110, Intro to Electrical & Computer Engineering, is a required course for both Electrical and Computer Engineering majors. It is a lecture/lab course taken during the freshman year. The College developed a summer online course, ECE109, to help transfer students keep pace with course sequence. ECE 109 is a 2 credit lecture portion of the requirement. Students complete the lab upon transfer.

*The asterisk designates courses not ordinarily found in MCC'S AES degree. To assist students in completing the associate degree and transferring smoothly into UIUC's engineering baccalaureate programs, MCC allows for these course substitutions. You will need a substitution waiver for these courses. Please ask your MCC academic advisor about the substitution waiver process.

**The College of Engineering requires 18 hours of social sciences and humanities coursework. Select courses from below (Take into consideration courses chosen to satisfy AES requirements in Humanities, Social Sciences, and Non-Western/Minority Cultures in US). You will need an MCC substitution waiver for these courses. Please ask your MCC academic advisor about the substitution waiver process.

<p><u>Humanities (6 credits)</u> ANT155; ART151, 155, 165, 171, 173, 175; ENG240, 251, 253, 254, 255, 256, 260, 261, 270, 271, 272, 275, 276; HIS130, 131, 132, 141, 165, 170, 172, 180; HUM150; JRN180; MUS151, 153, 154, 171, 172; PHY151, 155, 160, 240, 251, 252, 261, 262; PLT281; THE151</p>	<p><u>Social Science (6 credits)</u> ANT151, 160, 170; ECO150, 251, 252; GEG202, 203, 204; PLT150, 151, 155, 251, 255; PSY151, 250, 251, 255, 260, 265, 275; SOC101, 151, 251, 260, 261</p>	<p><u>Western/Comparative Cultures (3 credits)</u> ENG253, 254, 255, 256, 260, 261, 271; HIS131, 132, 170, 172 <u>Non-Western/US Minority Cultures (3 credits)</u> ART155, 165; ENG276; GEG203; HIS165; MUS153; PHI160; PLT281</p>
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***UIUC's ECE190 is required – no MCC equivalent. UIUC recommends students take a programming course at the community college in preparation for ECE190.

****ECE110, Intro to Electrical & Computer Engineering, is a required course for both Electrical and Computer Engineering majors. It is a lecture/lab course taken during the freshman year and is a prerequisite to other courses typically taken during the sophomore year. UIUC developed a summer online course, ECE109, to help transfer students keep pace with course sequence. ECE 109 is a 2 credit lecture portion of the requirement. Students complete the lab upon transfer. It is recommended that the ECE109 online course be completed during the summer prior to your transfer.

My MCC Education Plan

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