

Transfer Guide for Lawrence Tech University students transferring to U of M-Dearborn

Contact: U of M-Dearborn Admissions Office (313) 593-5100 E-Mail: admissions@umd.umich.edu

Bachelor of Science in Engineering (B.S.E.) in Bioengineering, Electrical, Industrial and Systems, Manufacturing, Mechanical, or Computer Engineering

| UNIVERSITY of MICHIGAN – DEARBORN Courses and Course Groups | LAWRENCE TECH UNIVERSITY Equivalent Courses or Course Groups LTU students: take courses from this column | LTU Credits | U M-Db Program Credits |
|---|---|----------------|------------------------------|
| Composition 105 and 270 (6 credits) (106) | COM 1103, 2103 (1075) | 6 | 6 |
| Economics 201 or 202 (3 credits) | ECON 303, 2343 | 3 | 3 |
| Humanities (6 credits) Two courses in the humanities. See note below.** | Humanities ** Up to 6 transferable credits (two courses) from: Art History, English Literature, Comparative Literature, Music History, Philosophy, or Foreign Language, or MCS 1203 | 6 | 6 |
| Behavioral /Social Sciences (6) Two or three courses in the behavioral/social sciences. See note below.** | Behavioral Sciences/Social Sciences ** Up to 6 transferable credits (two courses) from: Anthropology, Economics, History, Political Science, Psychology, or Sociology. | 6 | 6 |
| Mathematics (5 courses, 16 credits) Math 115 (4) , Math 116 (4), Math 205 (3) , Math 216 (3), Math 217 (227) (2) | Mathematics MCS 1414 (4), MCS 1424 (4), MCS 2414 (4), MCS 2423 (3), MCS 3863 (3) | 8 10 | 8 8 |
| Math 276 (4) [for CE students only] | MCS 2523 (4) [for CE students only] | 4 | 4 |
| Chemistry 144 (134) (4) and 146 (136)***(4) | CHM 1221(3) + 1213(1), 1232(3) + 1223(1) | 8 | 8 |
| Physics 150 and 151 (8 credits) | PHY 2413 (4) + 2421 (1), 2423 (3) + 2431 (1) | 8 | 8 |
| Biology 140 (4) [needed for Bioengineering only] | BIO 1213 (3) + 1221 (1) [Bioengineering only] | 4 | 4 |
| Engineering 100 (2) | EGE 1012 (2) | 2 | 2 |
| Engineering 250 (3 credits) [Not for EE or CE] | EGE 1023 (3) [Not for EE or CE] | 3 | 3 |
| ME 230 (4) [for BENG, ME, MFGE only] | EGE 3003 (3) [for BENG, ME, MFGE only] | 3 | 4 |
| ECE 210 (4) [for EE & CE students only] | EEE 2114 (4) + 2111 (1) [only for EE & CE] | 5 | 4 |
| ECE 273 (4) [for EE & CE students only] | EEE 2214 (4) [for EE & CE students only] | 4 | 4 |

* Students are required to take an English Composition placement test at the University of Michigan-Dearborn. Students who have taken COM 1103 and COM 2103 but place below Comp 105 will need to take Comp 227.

** Minimum two courses needed in Humanities and two courses in Beh Sci/Soc Science. Then take a fifth course, which must be 300-level or higher, in one **same subject** used in **either** the Humanities **or** the Behavioral Science/Social Science area.

*** U of M-Dearborn's Chem 146 is not required in Electrical Engineering or Computer Engineering.

NOTES:

- Eight undergraduate programs offered: BS in *Computer and Information Science* or in *Software Engineering*, and BSE in *Bioengineering*, *Electrical Engineering*, *Industrial and Systems Engineering*, *Manufacturing Engineering*, *Mechanical Engineering*, or *Computer Engineering*, all with option of the co-operative education program. Concurrent degrees are available in EE/CE or in ISE/MFGE, as well as in *Engineering Mathematics*. *Manufacturing Engr* and *Industrial and Systems Engr* are the only two undergraduate degree programs offered in the evening.
- GPA of 2.75** (overall GPA, separate math GPA, separate science GPA, and separate engineering GPA) are required for admission into the College of Engineering and Computer Science (CECS). Courses with C- grade or below do not transfer.
- Transfer is possible before completion of all courses listed, for Fall (Sept), Winter (Jan), or Summer (May) admission.
- Since requirements may change, it's a student's responsibility to check with UM-Dearborn Admissions for latest information.

CECS February 2011