

TRANSFER GUIDE

Associate of Engineering Science (AES) Curriculum transferring into BS Mechanical Engineering

Kaskaskia College Courses AES Curriculum - 64 hours

KC Course	Course Name	Credits Hours
CHEM-111	General Chem I (Inorganic Chem I)	5
ENGL-101	English Composition	3
MATH-166	Calculus and Analytical Geometry I	5
ENGR-103	Engineering Graphics and CAD	3
ELECTIVE	IAI Fine Arts Elective	3
MATH-267	Calculus and Analytical Geometry II	4
PHYS-201	University Physics I	5
ENGL-102	English Composition	3
ENGR-203	Statics	3

KC Course	Course Name	Credits Hours
PHYS-202	University Physics II	5
MATH-268	Calculus and Analytical Geometry III	4
ENGR-201	Computer Programming for Engineers	3
ECON 205	Principles of Macroeconomics	3
MATH-269	Differential Equations	3
ELECTIVE	Social Science Elective	3
COMM-103 OR COMM-204 ¹	Fundamentals of Speech Communication OR Interpersonal Communication	3
PHLE-120 OR PHLE-201 ²	Ethics OR Professional Ethics for Engineers	3
ELECTIVE	ENGR Elective	3-4

SIUE Courses BS Mechanical Engineering - 69 hours

SIUE Course	Course Name	Credits Hours
ME 310	Thermodynamics	3
ME 312	Thermodynamics II	3
ME 315	Fluid Mechanics	3
ME 350	Mechanisms	3
ME 354	Numerical Simulation	1
ME 356	Dynamics Systems Modeling	3
ME 356L	Dynamic Systems Lab	3
ME 370	Materials Engineering	3
ME 380	Design of Machine Elements	3
ME 380L	Stress Laboratory	1
ME 410	Heat Transfer	3
ME 410L	Thermal Science Lab	1

SIUE Course	Course Name	Credits Hours
ME 482	Mechanical Engr. Design I	3
ME 484	Mechanical Engr. Design II	3
ME XXX	Elective I	3
ME XXX	Elective II	3
ME XXX	Elective III	3
EGR XXX	Elective	3
ECE 210	Electrical Circuits	3
IE 345	Engineering Economics Analysis	3
STAT 380	Stats for Application	3
BFPA	Breadth Fine & Performing Arts	3
BLS	Breadth Life Science	3
EH	Health Experience	3
IS	Interdisciplinary Studies	3

Total Hours to Bachelor Degree: 133

Note: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is attempted to be kept current; however, any curriculum changes reflected in the Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.

¹COMM 204 is preferred by SIUE.

²PHLE 201 is required by SIUE. If not completed at KC it must be taken at SIUE.

*Students must complete 50% or more of the degree requirements at SIUE.

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Contact us for more information:

Kaskaskia College

Staci Palm

Dean of Enrollment Services

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SIUE website

Southern Illinois University Edwardsville

Transfer Center

618-650-2133

transfercredit@siue.edu

SIUE School of Engineering Transfer Credit Advisory Notes:

NOTE: Student must apply for admission to upper-division classes before starting their junior year at SIUE.

The form for 'APPLICATION FOR ADMISSION TO UPPER-DIVISION' must be submitted by the deadline to the academic advisor in the School of Engineering at SIUE.

Students must earn 60 hours from a senior institution for graduation requirements. If students take all SIUE junior and senior level courses, as stated above, at SIUE, they will meet this requirement. Please note: deviating from the planned schedule above may jeopardize this requirement.

SIUE may accept transfer "D" grades, however, in the School of Engineering, a grade of "C" or better is required in all chemistry, computer science, mathematics, physics, and engineering courses applied to major or minor requirements. A course that transfers as 1XX, 2XX, 3XX or TRF 1XX, TRF 2XX, TRF 3XX may require a course description and/or syllabus for further evaluation.

A course that satisfies both the ERGU and EREG attribute requirement will only be counted as one attribute and not both.

Interdisciplinary Studies (IS) Courses must be taken at the junior/senior level class standing. This requirement is not waived with completion of transfer associate degree or IAI-GECC. It is recommended that students choose a course to meet this general education requirement AND Global Culture Race and Equity Experience (EREG). Please see the SIUE advisor for a current list of course options.

3/18/2026