

TRANSFER GUIDE

Associate of Engineering Science (AES) Curriculum transferring into BS Industrial 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 Industrial Engineering - 69 hours

SIUE Course	Course Name	Credits Hours
IE 335	Intro to Infor. Proc. Systems	3
IE 345	Engineering Economics	3
IE 370	Manufacturing	3
IE 375	3-D Modeling Product Design	3
IE 415	Oper. Research-Det. Models	3
IE 451	Methods Design& Work Areas	3
IE 465	Design & Control of Quality Sys	3
IE 470	Manufacturing Systems	3
IE 468	Oper. Research-Simulation	3
IE 476	Plant Wide Process Control	3
IE 483	Production Plan & Control	3

SIUE Course	Course Name	Credits Hours
IE 484	Facilities Planning	3
IE 490	Integrated Engineering Design	3
IE XXX	Elective I	3
IE XXX	Elective II	3
IE XXX	Elective III	3
CE 242 ³	Mechanics of Solids	3
ECE 210	Circuit Analysis I	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.

³CE 242 Course should be completed in summer semester 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

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Southern Illinois University Edwardsville

Transfer Center

618-650-2133

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SIUE website

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.

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