KASKASKIA COLLEGE

SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

TRANSFER GUIDE

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

Kaskaskia College Courses AES Curriculum - 64 hours						

KC Course	Course Name	Credits Hours		KC Course	Course Name	Credits Hours
CHEM-111	General Chem I (Inorganic Chem I)	5		PHYS-202	University Physics II	5
ENGL-101	English Composition	3		MATH-268	Calculus and Analytical Geometry III	4
MATH-166	Calculus and Analytical Geometry I	5		ENGR-201	Computer Programming for Engineers	3
ENGR-103	Engineering Graphics and CAD	3		ECON 205	Principles of Macroeconomics	3
PHLE 110	Logic	3		MATH-269	Differential Equations	3
MATH-267	Calculus and Analytical Geometry II	4		ELECTIVE	Social Science Elective	3
PHYS-201	University Physics I	5		COMM-103 OR COMM-204[1]	Fundamentals of Speech Communication OR Interpersonal Communcation	3
ENGL-102	English Composition	3		PHLE-120 OR PHLE-201[2]	Ethics OR Professional Ethics for Engineers	3
ENGR-203	Statics	3		ELECTIVE	ENGR Elective	3-4

SIUE Courses BS Computer Engineering - 75 hours						

SIUE Course	Course Name	Credits Hours		SIUE Course	Course Name	Credits Hours
ECE 210	Circuit Analysis I	3		ECE/CS XXX	Elective III	3
ECE 211[3]	Circuit Analysis II	4		ECE/CS XXX	ECE Elective IV	3
ECE 282	Digital System Designs	4		CS 150	Intro to Computing II	3
ECE 326	Electronic Circuits I	4		CS 286	Intro to Comp Org & Architecture	3
ECE 351	Signals and Systems	3		CS 314	Operating Systems	3
ECE 352	Stochastic Processes	3		CS 340	Algorithms & Data Structures	3
ECE 381	Microcontrollers	3		IE 345	Engineering Economics	3
ECE 404	ECE Senior Design I	3		MATH 224	Discrete Mathematics	3
ECE 405	ECE Senior Design II	3		BFPA	Breadth Fine & Performing Arts	3
ECE 483	Advanced Digital System Engineering	3		BLS	Breadth Life Science	3
ECE/CS XXX	Elective I	3		EH	Health Experience	3
ECE/CS XXX	Elective II	3		IS	Interdisciplinary Studies	3

Total Hours to Bachelor Degree: 139

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.

[1]COMM 204 is preferred by SIUE.

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

[3]Recommended to be completed in summer prior to transferring. This course is a pre-requisite for ECE 326 and ECE 351.

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

Contact us for more information:

Kaskaskia College
Staci Palm
Dean of Enrollment Services
618-545-3048
spalm@kaskaskia.edu

Southern Illinois University Edwardsville
Transfer Center
618-650-2133
transfercredit@siue.edu

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.

3/16/2026