

ROSE STATE COLLEGE: Engineering Associate in Science (AS) – Electrical/Computer Option

**UNIVERSITY OF OKLAHOMA: Bachelor of Science (BS) in Electrical Engineering
Catalog Year 2025-2026**

Credit hours at Rose State (66) + University of Oklahoma (62 hours) = 128 total credit hours



Year	FIRST SEMESTER			SECOND SEMESTER		
	Rose State College Class		OU Equivalent	Rose State College Class		OU Equivalent
FIRST	ENGL 1113	English Comp. I	ENGL 1113	ENGL 1213	English Comp. II	ENGL 1213
	CHEM 1135	Gen. Chemistry I	CHEM 1315	POLS 1113	Am. Fed. Government	PSC 1113
	HIST 1483 or HIST 1493	US History to 1877 or US History since 1877	HIST 1483 or 1493	MATH 2924	Calculus II	MATH 2924
	MATH 1914	Calculus I	MATH 1914	PHYS 2434	Physics I	PHYS 2514
		Humanities	Humanities (Core IV)	PHYS 2401	Gen. Physics Lab I	--
	RSC Credit Hours: 18		Transfer Hours: 18	RSC Credit Hours: 15		Transfer Hours: 14

Year	FIRST SEMESTER			SECOND SEMESTER		
	Rose State College Class		OU Equivalent	Rose State College Class		OU Equivalent
SECOND	MATH 2934	Calculus III	MATH 2934	MATH 2973	[a] Diff. Equations	MATH 3113
	PHYS 2444	Physics II	PHYS 2524	PHYS 2943	Modern Physics for Engineers	PHYS 3223
	ENGR 2203	Digital Sigs. & Filtering	ECE 2713	ENGR 2213	Electrical Science	ECE 2723
	CIT 1173	C++ Language	CS 1313		Liberal Arts	Soc. Science (Core III)
		Humanities	Humanities (Core IV)	ECE 2214	[b] Engineering Elective	ECE 2214
	RSC Credit Hours: 17		Transfer Hours: 17	RSC Credit Hours: 16		Transfer Hours: 16



Year	FIRST SEMESTER [c]			SECOND SEMESTER [c]		
		Hours			Hours	
THIRD	ENGR 2002	Professional Development [d]	2	MATH 3333	Linear Algebra I	3
	ENGR 3511	[e] Eng. Orient. For Transfer Students	1	ECE 3113	Energy Conversion I	3
	ECE 3613	Electromagnetic Fields I	3	ECE 3223	Microprocessor System Design	3
	ECE 3723	Electrical Circuits II	3	ECE 3873	Electrical and Computer Engineering Electronics Laboratory	3
	ECE 3773	Electrical and Computer Engineering Circuits Laboratory	3	ECE 3793	Signals and Systems	3
	ECE 3813	Introductory Electronics	3			
	ECE 2523	Probability, Statistics and Random Processes	3			
	Credit Hours: 18			Credit Hours: 15		

Year	FIRST SEMESTER [c]			SECOND SEMESTER [c]		
		Hours			Hours	
FOURTH	ECE 3323	Intro. to Solid State Electronic Devices	3	ECE 4773	Laboratory (Special Projects)	3
	ECE 4273	Digital Design Laboratory	3		ECE Elective	3
		ECE 4000-level or higher Elective	3		ECE 4000-level or higher Elective	3
		ECE 4000-level or higher Elective	3		Professional Elective	2
		[e] First Year Experience (Core V)	3		[f] Approved Elective: (Core IV)	3
	Credit Hours: 15			Credit Hours: 14		

Notes:

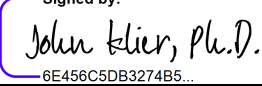

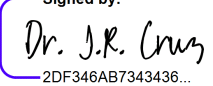
- [a] These course(s) are in addition to the requirements for the AS degree; however, they will count toward the BS degree at OU.
- [b] This is an OU course. To complete this transfer map in 4 years, a student would need to gain admission to OU in fall semester of their second year at RSC to take ECE 2214 in spring semester at OU. ECE 2214 would count at RSC as an Engineering Elective for completion of the AS degree.
- [c] Students must have 60 hours completed at OU; 40 hours of upper-division coursework; and 30 hours in residence to complete the BS degree.
- [d] ENGR 2002 Professional Development may be taken in the summer session at OU between the second and third years.
- [e] Transfer students will need to meet the requirements of the first-year experience course as well as ENGR 3511. First Year Experience (Core V) is waived for students who earn the AS Degree.
- [f] Per OU requirements, at least one course used to satisfy the general education requirements (Core IV) must be at the upper division level and outside of the student's major.

Before transferring to OU, have the RSC Registrar send an official transcript to the OU Admissions Office with any degrees earned noted on the transcript. If you have not completed the requirements for an Associate's degree, talk with your OU Academic Advisor about Reverse Transfer options to use OU coursework to complete your RSC Associate's degree.

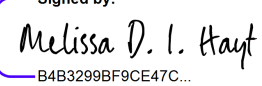
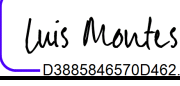
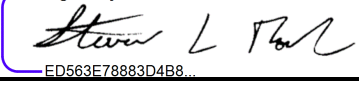
University Transfer Contact Information

Transfer Admission & Recruitment
University of Oklahoma
www.ou.edu/transfer
(405) 325-2151
transfer@ou.edu

For The University of Oklahoma:

Signed by:  6E456C5DB3274B5...	10/30/2025 9:20 AM
Dr. John Klier, <i>Dean</i> Gallogly College of Engineering	Date
Signed by:  58ABCBCED3FB4B4...	11/13/2025 9:02 PM
Dr. Randa Shehab, <i>Senior Associate Dean</i> Gallogly College of Engineering	Date
Signed by:  2DF346AB7343436...	10/30/2025 1:20 PM
Dr. J.R. Cruz, <i>Director of Electrical Engineering</i> Gallogly College of Engineering	Date

For TRANSFER INSTITUTION

Signed by:  B4B3299BF9CE47C...	11/14/2025 8:01 AM
Dr. Melissa Hayt, <i>Vice President of Academic Affairs</i> Rose State College	Date
Signed by:  D3885846570D462...	10/29/2025 11:06 AM
Dr. Luis Montes, <i>STEM Dean</i> Rose State College	Date
Signed by:  ED563E78883D4B8...	11/03/2025 3:54 PM
Steven Fowler, <i>Engineering Coordinator</i> Rose State College	Date

If you have any further questions, please contact Dr. Johnnie-Margaret McConnell, [Director of Transfer Student Success](mailto:johnniemargaret@ou.edu), at johnniemargaret@ou.edu or (405) 325-3979.