The University of Texas at El Paso

2023-2024 Transfer Guide
for El Paso Community College

College of Engineering

ENGR - CS

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

The courses listed below can be taken at El Paso Community College in partial fulfillment of UTEP's Bachelor of Science degree in in Computer Science and completion of its Core Curriculum requirements. Completion of the entire Core, or blocks within the Core at EPCC will satisfy completion of the Core or comparable blocks at UTEP. Questions concerning these requirements should be directed to the Engineering Edge Center (engradvisng@utep.edu) at (915) 747-5460.

EPCC Course			EPCC Course Title	UTEP Equivalent		UTEP Core
1. Communication (6 credits)						
Complete the following:						
and	ENGL	1301	Composition I	RWS	1301	✓
	SPCH	1321	Business & Professional Communication	COMM	1302	✓¹
¹ counts towards block 9 (Component Area Option) for the UTEP core.						
2. Mathematics (3 credits)						
Complete the following:						
	MATH	2413	Calculus I	MATH	1411	✓
	MATH	2314	Calculus II	MATH	1312	✓
	MATH	**2305**	**Discrete Mathematics**	MATH	2300	✓
MATH 2305 is not on the Associate degree of Computer Science, but is required for completion of the BSCS Degree plan at UTEP						
3. & 10. Life and Physical Sciences & Lab Science Course (7-8 credits)						
Complete the following sequence:						
and	PHYS	2325	University Physics I	PHYS	2320+ 2120	✓
	PHYS	2125	University Physics I Lab			
	PHYS	2326	University Physics II	PHYS	2321+ 2121	✓
	PHYS	2126	University Physics II Lab			
4. Language, Philosophy and Culture (3 credits)						
Complete one from the following:						
	ARCH	1301	Architectural History I	ART	13TR	
	ARTS	1303	Art History I	ARTH	1305	✓²
	ARTS	1304	Art History II	ARTH	1306	✓³
	COMM	1307	Introduction to Mass Communication	COMM	2372	
	ENGL	2322	British Literature I	ENGL	2311	✓
	ENGL	2323	British Literature II	ENGL	2312	✓
	ENGL	2332	World Literature I	ENGL	23TR	
	ENGL	2333	World Literature II	ENGL	23TR	
	ENGL	2341	Intro to Literature	ENGL	23TR	
	ENGL	2351	Mexican American Literature	ENGL	23TR	
	HIST	2321	World Civilizations I	HIST	2301	✓
	HIST	2322	World Civilizations II	HIST	2302	✓
	PHIL	1301	Introduction to Philosophy	PHIL	1301	✓
	PHIL	2303	Introduction to Formal Logic	PHIL	1304	
	PHIL	2306	Introduction to Ethics	PHIL	2306	✓
	SPAN	2311	Intrm Span I	SPAN	2301	
	SPAN	2313	Spanish Native/Heritage Speakers I	SPAN	2303	
	SPAN	2315	Spanish Native/Heritage Speakers II	SPAN	2304	
²counts towards block 5 (Creative Arts) for the UTEP core.						
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	EPCC Course		EPCC Course Title	UTEP Equivalent		UTEP Core
5. Creative Arts (3 credits)						
	Complete one from the following:					
	ARTS	1301	Art Appreciation	ART	1300	✓
	COMM	2366	Film Appreciation	FILM	1390	✓
	DANC	2303	Dance Appreciation	DANC	1304	✓
	DRAM	1310	Theatre Appreciation	THEA	1313	✓
	MUSI	1306	Music Appreciation	MUSL	1324	✓
	MUSI	1310	American Music	MUSL	1327	✓
6. American History (6 credits)						
	Complete the following:					
	HIST	1301	United States History I	HIST	1301	✓
	HIST	1302	United States History II	HIST	1302	✓
7. Government/Political Science (6 credits)						
	Complete both at the same institution:					
	GOVT	2305/ 2306	Federal Government Texas Government	POLS	2310/ 2311	✓

*It is recommended that both Political Science courses be completed at **EPCC** then transferred to **UTEP** or both courses be completed at **UTEP**.*

	EPCC Course		EPCC Course Title	UTEP Equivalent		UTEP Core
8. Social & Behavioral Sciences (3 credits)						
	Complete one from the following:					
	ECON	1301	Introduction to Economics	ECON	1301	
	ECON	2301	Principles of Macroeconomics	ECON	2303	✓
	ECON	2302	Principles of Microeconomics	ECON	2304	✓
	PSYC	2301	General Psychology	PSYC	1301	✓
	PSYC	2306	Human Sexuality	PSYC	2305	
	PSYC	2314	Lifespan Growth and Development	PSYC	2310	
	SOCI	1301	Introduction to Sociology	SOCI	1301	✓
	SOCI	2301	Marriage & the Family	SOCI	2315	
	SPCH	1318	Interpersonal Communication	COMM	2350	✓
9. Component Area Option (6 credits)						
	Complete the following:					
and	EDUC	1300	Learning Framework	UNIV	1301	✓
	ENGL	1302	Composition II	RWS	1302	✓[4]

[4] *counts towards block 1 (Communication) for the UTEP core.*

	EPCC Course		EPCC Course Title	UTEP Equivalent		
Courses Required for the Engineering Degree in Computer Science at EPCC/UTEP						
	COSC	1436	Programming Fundamentals I	CS CS	1301 1101	
	COSC	1437	Programming Fundamentals II	CS	2401	
	COSC	2336	Programming Fundamentals III	CS	2302	
Additional Courses not Required for the Engineering Degree in Computer Science at UTEP						
	COSC	2425	Computer Organization	Free Elective		
Transferable Courses not on the EPCC Degree Plan, but on UTEP's Computer Science Degree Plan						
or	COSC	1301	Intro to Computing	CS	1310[5]	
	COSC	1320	C Programming	CS	1320	
	ENGR	2406	Introduction to Digital Systems	EE EE	2369 2169	

[5] *Only **one** course, either COSC 1301 or COSC 1320, is required for the BSCS degree at UTEP*

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For admissions information visit www.utep.edu/admit

ADDITIONAL COLLEGE OF ENGINEERING NOTES

- **TRANSFER HOURS:** A student may transfer a maximum of 66 semester hours, limited to lower-division courses, from two-year junior or community colleges. A maximum of 98 semester hours of courses is transferable from accredited U.S. colleges and universities.
- **ACCREDITATION:** Transfer credit for engineering courses is restricted to ABET – accredited curricula or is awarded on the basis of departmental recommendation.
- **COMPETENCY EXAMS:** Transfer students may be required to take competency exams and/or take specified courses that the department feels they must have in order to establish the quality of their degree.
- **UPPER DIVISION COURSES:** Credit for upper division engineering courses will be given only on the basis of departmental recommendation.
- **SECONDARY ADMISSIONS REQUIREMENTS:** The academic records of all transfer students are reviewed by the College of Engineering to determine eligibility for admission into an engineering program. International students must meet the additional requirement of an overall minimum GPA of 3.0 in mathematics, chemistry, physics, and engineering for all institutions attended.