

Transfer Agreement Checklist

Associate of Science in Technology and Engineering Bachelor of Science in Computer Science*

2024-2025

University of Arkansas Pulaski Technical College Associate of Science in Technology and Engineering

English (6 credit hours)			UA Little Rock	Semester	Hours	Grade
ENGL	10103	English Composition I	RHET 1311		3	
ENGL	10203	English Composition II	RHET 1312		3	
Mathematics (3 credit hours)			UA Little Rock	Semester	Hours	Grade
MATH	14004	Calculus I**	MATH 1451		4	
Lab Sciences (8 credit hours)			UA Little Rock	Semester	Hours	Grade
PHYS	20303& 20331	Advanced College Physics I with Lab	PHYS 2321/2121		4	
PHYS	20403& 20431	Advanced College Physics II with Lab	PHYS 2322/2122		4	
Fine Arts and Humanities (6 credit hours)			UA Little Rock	Semester	Hours	Grade
ARHS	10003	Introduction to Visual Arts or Introduction to Music or Introduction to Theatre	ARHA 2305		3	
MUSC	10003		MUHL 2305			
THTR	20003		THEA 2305			
ENGL	21103	World Literature from the Beginning to 1650 or	ENGL 2337		3	
ENGL	21203	World Literature from 1650 to the Present	CORE HUMA			
History / Political Science (6 credit hours)			UA Little Rock	Semester	Hours	Grade
HIST	21103	U.S. History to 1877 or U.S. History since 1877 or American National Government	HIST 2311		3	
HIST	21203		HIST 2312			
PLSC	11003		POLS 1310			
HIST	11103	History of Civilization I or History of Civilization II	HIST 1311		3	
HIST	11203		HIST 1312			
Social Science (6 credit hours)			UA Little Rock	Semester	Hours	Grade
PSYC	11103	Psychology and the Human Experience or Introduction to Sociology Speech Communication	PSYC 2300		3	
SOCI	10103		SOCI 2300			
SPCH	10003		ACOM 1300			
					3	
Computer Science Foundation (24 credit hours)			UA Little Rock	Semester	Hours	Grade
CPSI	11373	Internet Technologies	CPSC 1310		3	
CPSI	25174	Introduction to Computer Science I	CPSC 1375		4	
CPSI	26474	Introduction to Computer Science II	CPSC 2376		4	
CPSI	26573	Computer Organization and Assembly Language	CPSC 2482		3	
MATH	15004	Calculus II	MATH 1452		4	
MATH	21033	Discrete Math	MATH 2310		3	
		3 hours approved Tech & Engineering Electives (CPSI 27373 Data Structures recommended)	Unrestricted general elective		3	

UAPTC Total Hours: 60

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**Students who do not test directly into Calculus I will have additional math courses to complete. Please consult with an advisor to complete the appropriate courses.

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University of Arkansas at Little Rock
Bachelor of Science in Computer Science

Computer Science Requirements (60 credit hours)

			Semester	Hours	Grade
MATH	3312	Linear Algebra		3	
STAT	3352	Applied Statistics I		3	
CPSC	2380	Algorithms		3	
CPSC	3380	Operating Systems		3	
CPSC	3383	Programming Languages		3	
CPSC	3384	Computer Networks		3	
CPSC	3375	Database Concepts		3	
CPSC	3369	Intro. to Computer Architecture and Assembly Language		3	
CPSC	4370	Theory of Computation		3	
CPSC	4373	Software Engineering		3	
CPSC	4383	Artificial Intelligence		3	
CPSC	4387	Distributed Computing		3	
CPSC	4392	Capstone Project		3	
		Upper-Level CPSC electives		9	
		Additional upper-level elective courses chosen from courses with the following course prefixes: CPSC, IFSC, CSEC , PHYS, MATH, ECET, BINF, SYEN, TINV, and ERSC 442.		9	
		Unrestricted general electives: Remaining hours, if any, to reach 120 minimum total hours, 45 hours of upper-level courses (3000-4000 level), and 30 hours in residence.		3	

UA Little Rock Total Hours: 60
Total Hours: 120

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