

Department of Computer Engineering Technology – Advisement Sheet, 2026-2027
Only for Students Who Enrolled in Spring 2026 or After (CUNY Pathway)

Student Name:

Student ID:

Major: [] CET-AAS [] CET-BT

Computer Engineering Technology Degree (A.A.S. Requirements) (Require following pre/co requisites sequence to take courses)				Degree Credits: 64 or 65	
Semester	Code	Course Title	Prerequisite (Pre.) or Corequisite (Co.)	Credits	Completed/Will enroll
1st	CET 1100	Intro to Computer and Software Engineering	Pre/Co: None	2	
	CET 1111	Logic and Problem Solving (co: CET 1111L)	Pre/Co: CET 1100	3	
	CET 1120	Technical Graphics	Pre/Co: None	1	
	CET 1150	Fundamentals of Electrical Circuit (co: CET 1150L)	Pre/Co: MAT 1275CO or MAT 1275 or higher	3	
2nd	CET 1211	Intro to Object Oriented Programming in Software Design	Pre/Co: CET 1111 (or EMT 1111) Pre/Co: MAT 1275CO or MAT 1275 or higher	2	
	CET 1250	Fundamentals of Digital Systems (co: CET 1250L)	Pre: CET 1150 (or EMT 1150)	4	
3rd	CET 2312	Reverse Engineering/Product Design (co: CET 2312L)	Pre: CET 1120 (or EMT1120) Pre/Co: PHYS 1433 or PHYS 1441	4	
	CET 2350	Electronics (co: CET 2350L)	Pre/Co: CET 1250 (or EMT 1250), MAT 1375 or higher (WI*)	4	
	CET 2370	Computer Hardware	Pre: CET 1250 (or EMT1250)	2	
	CET 2390	Operating Systems Laboratory	Pre/Co: CET 2370 (or EMT 2370)	1	
4th	CET 2450	Introduction to Microcontrollers	Pre: CET 1211, CET 2350	3	
	CET 2455	Data Communications	Pre: CET 2370 Pre/Co: CET 2390	2	
	CET 2461	Computer Systems: Software Interface	Pre/Co: CET 2312, CET 2450, CET 2455, MAT 1475 or higher	2	
	Technical Elective (Choose 1)	CET 2411 C/C++ Programing for Embedded Systems (Pre/Co: CET 2370 or EMT 2370) or Dept. approval) or CST 2403 Intro C++ Programming (Pre/Co: CET 1111 and MAT 1275CO or MAT1275 or higher) or CET 2901 Internship (Pre: CET 2370 (or EMT2370) and Dept. approval)		3	
Subtotal CET AAS Program Degree Major Required Credits				36	
Semester	General Education Required and Flexible Core:				
1st	ENG 1101	English Composition I (Pre: CUNY read, write proficiency)		3	
1st	MAT 1275CO or MAT 1275 or MAT 1375	College Algebra and Trigonometry (or higher) Precalculus	(Mathematical and Quantitative Reasoning)	4	
2nd	ENG 1121	English Composition II	Pre: ENG1101	3	
2nd	MAT 1375 or MAT 1475	Precalculus Calculus I	Pre: MAT 1275CO or MAT 1275 or math placement for MAT 1375(MQR) Pre: MAT 1375 or math placement for MAT1475 (SW)	4	
3rd	PHYS 1433 or PHYS 1441	PHYS 1433 General Physics I Algebra-based	Pre: MAT1275CO or MAT1275 or higher; OR Co: MAT1275 (LPS and WI*)	4 or 5	
		PHYS 1441 General Physics I Calculus based	Pre/Co: MAT 1475 or higher (LPS and WI*)		
4rd	MAT 1475 or MAT 1575	Calculus I Calculus II	Pre: MAT 1375 or math placement for MAT1475 (SW) Pre: MAT 1475 (SW)	4	
Only for Students Who Enrolled Summer 2013 or After. For complete list of courses, reference College Catalog and Degree Audit and Pathway Website: https://www.citytech.cuny.edu/advisement/					
2nd	Choose 2 (GenEd Elective)	Select one approved course from each of any two areas (No more than two courses may be selected from any category) <i>(DegreeWorks or Academic advising website for WI Section(s))</i>	Individual and Society: AFR2000, AFR2250, ARTH2101, COM1335, COM2402, COM3401, ECON1401, ENG1151, ENG1161, ENG1773, ENG2000, ENG2150, ENG2420, ENG3401, ENG3402, ENG3403, ENG3404, LIB1201, PHIL2101, PHIL2103, PHIL2104, PHIL2106, PHIL2107, PHIL2203, PHIL3208, PHIL3211, PHIL3212, PHIL3400, PSY1101, PSY2300, PSY2301, PSY2302, PSY2303, PSY2401, PSY2402, PSY2403, PSY2404, PSY3405, SOC1101, SOC1102, SOC1103, SOC2201, SOC2401, SOC2403, SOC3302, SOC3402, etc.	6	
			World Cultures and Global Issues: AFR1130, AFR1401, AFR1460, AFR1461, AFR1462, AFR1467, AFR 2212, AFR2222, AFR2612, ANTH1101, ANTH1102, ANTH1103, ARB1101, ARB1102, ARB2201, ARTH1101, ARTH1102, ARTH1103, ARTH1106, ARTH1108, ARTH1110, ARTH3401, CHN1101, CHIN1102, COM2401, ECON2505, ENG2100, ENG2101, ENG2160, ENG2300, ENG2301, ENG2301, FREN1101, FREN1102, HIS1101, HIS1102, HIS1103, HIS1501, HIS1503, HIS2000, LNG1100, MUS1212, PHIL2121, PRS1461, PRS2202, PRS2211, SOC3301, SPA1101, SPA1102, SPA1301, SPA2201, SPA2202, etc.		
			US Experience in its Diversity: AFR1465, AFR1466, AFR1501, AFR1502, AFR2201, AFR2202, AFR3000, ARCH3522, ARTH1104, ECON1101, ECON2403, ENG2180, ENG2190, ENG2190, ENG2200, ENG2201, ENG2250, GOV1101, GOV1102, GOV2402, HIS1110, HIS1111, HIS2405, HIS3208, HIS3209, HIS3310, PRS2501, SOC1104, etc.		
			Creative Expression: AFR1301, AFR1304, AFR1311, AFR1321, AFR1503, AFR2302, ARCH2321, ARTH1100, ARTH1112, ARTH3311, COM1340, ENG1141, ENG2001, ENG2002, ENG2003, ENG2170, ENG2400, ENG3407, MUS1210, MUS1211, MUS2206, MUS2207, THE2180, THE2280, THE2380, THE3280, etc.		
Subtotal Core Required Credits for CET AAS				28 or 29	
WI*: Check DegreeWorks or Academic advising website for writing intensive Section(s) https://www.citytech.cuny.edu/advisement/gen-ed.aspx Must complete two courses designated WI (writing intensive) for the associate level, one from general education requirements (GenEd) and one from the major					

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Student ID:

Major: [] CET-BT

		Computer Engineering Technology Degree (Bachelor of Tech Requirements)			Degree Credits: 64-66
		Associate Degree (CET, EET/TCET or MECH) or Acceptable Equivalent			64- 65 credits (AAS)
Semester	Code	Course Title	Prerequisite (Pre.) or Corequisite (Co.)	Credits	Completed/ Will enroll
5 th	CET 3510	Microcomputer Systems Technology (Co: CET 3510L)	Pre/Co: CET 2461, MAT 1575 or higher; or Dept. approval	4	
	CET 3525	Electrical Networks (Co: CET 3525L)	Pre: CET 2350; Pre/Co: MAT 1575 or higher	4	
	MAT 1575 or PHYS 1434 or PHYS 1442	Calculus II (General Physics II Algebra-based, 4cr, WI*) (General Physics II: Calculus Based 5cr, WI*)	Pre: MAT 1475 Pre: PHYS 1433 Pre: PHYS 1441	4	
6 th	CET 3615	Instrumentation and Data Acquisition (Co: CET 3615L)	Pre: CET 3525, PHYS 1434 or PHYS 1442	4	
	CET 3625	Applied Analysis Laboratory (a minimum grade of 'C' is required for graduation)	Pre: CET 3525 ; Pre/Co: MAT 2680	1	
	CET 3640	Software for Computer Control	Pre : CET 3510	3	
	MAT 2680	Differential Equations	Pre: MAT 1575	3	
7 th	CET 4705	Component and Subsystem Design	Pre: CET 3625 with a grade of C or higher; Pre/Co: CET 3615	2	
	CET 4711	Computer Controlled System Design	Pre/Co: CET 3640, CET 4705	2	
	CET 4773	Inter-networking Technology (Co: CET 4773L)	Pre: CET 3510 (WI*)	4	
8 th	CET 4805	Digital System Design Using HDL	Pre: CET 4705	2	
	CET 4811	Capstone Design Project	Pre : CET 3615, CET 4711; Pre/Co: CET 4773, CET 4805, CET 4864	2	
	CET 4864	Principles of Feedback Control Systems (Co: CET4864L)	Pre: CET 3625, MAT 2580 (WI*)	4	
7 th	Technical Elective I (4cr)	Choose 1: CET4900 series, SET 3500 or higher, CST 3500 or higher, TCET 3100 or higher, CET 3572, CET 3672, CET 4772, or CET 4872, with department permission. CET 4900 (4cr) series : CET 4915 (4cr), CET 4920 (4cr), CET 4952 (4cr), CET 4960 (4cr), CET 4962 (4cr), etc	4		
8 th	Technical Elective II (3cr or 4cr)	Choose 1: CET4900 series, SET 3500 or higher, CST 3500 or higher, TCET 3100 or higher, CET 3572, CET 3672, CET 4772, or CET 4872, with department permission. CET 4900 series (3cr or 4cr): CET4910 (3cr), CET4925 (3cr), CET4935 (3cr), CE 4973 (3cr), CET4915 (4cr), CET4920 (4cr), CET 4952 (4cr), CET 4960 (4cr), CET4962 (4cr), CET 4900 Internship (3cr) with Dept, etc	3		
Subtotal CEB Level Credits				46	
General Education Required Core in the areas of <i>English Composition, Mathematical and Quantitative Reasoning, Life and Physical Sciences</i> (taken at associate level)					
Semester	General Education Electives and College Option including Interdisciplinary Course				
5 th	Liberal Arts Elective (3cr) (College Option) or PHYS 1434 (General Physics II Algebra-based, 4cr, WI*) or PHYS 1442 (General Physics II: Calculus Based 5cr, WI*)			3 or 4 or 5	
6 th	COM 1330 Public Speaking or higher (College Option)	Pre: CUNY read, write proficiency		3	
7 th	MAT 2580 Introduction to Linear Algebra (College Option)	Pre: MAT 1475		3	
8 th	Interdisciplinary (ID) (College Option)	AFR3000ID, AFR3001ID, ARTH 2101ID, COM2403ID, CST1102ID, ECON2505ID, ECON2820ID, ENG2170ID, ESCI2000ID, HIS3402ID, HIS3209ID, LIB2205ID, ARCH2205ID, PHIL2202ID, PHIL2203ID, PHYS1002ID, PHYS1010ID, PHYS2443ID, PHYS3600ID, SBS2000ID, SOC2401ID, SOC3302ID, SOC2380ID, THE2280ID, etc		3	
Only for Students Who Enrolled Summer 2013 or After. For complete list of courses, reference College Catalog and Degree Audit and Pathway Website: https://www.citytech.cuny.edu/advisement/					
6 th	Choose 2 (GenEd Elective)	Select one approved course from each of any two areas (choose the areas that have not been taken at associate level). (No more than two courses may be selected from any category) (more options available on DegreeWorks or Academic advising website for WI Section(s))	Individual and Society: AFR2000, AFR2250, ARTH2101, COM1335, COM2402, COM3401, ECON1401, ENG1151, ENG1161, ENG1773, ENG2000, ENG2150, ENG2420, ENG3401, ENG3402, ENG3403, ENG3404, LIB1201, PHIL2101, PHIL2103, PHIL2104, PHIL2106, PHIL2107, PHIL2203, PHIL3208, PHIL3211, PHIL3212, PHIL3400, PSY1101,PSY2300, PSY2301, PSY2302, PSY2303, PSY2401, PSY2402, PSY2403, PSY2404, PSY3405, SOC1101, SOC1102, SOC1103, SOC2201, SOC2401, SOC2403, SOC3302, SOC3402, etc.	6	
7 th			World Cultures and Global Issues: AFR1130, AFR1401, AFR1460, AFR1461, AFR1462, AFR1467, AFR2212, AFR2222, AFR2612, ANTH1101, ANTH1102, ANTH1103, ARB1101, ARB1102, ARB2201, ARTH1101, ARTH1102, ARTH1103, ARTH1106, ARTH1108, ARTH1110, ARTH3401, CHN1101, CHIN1102, COM2401, ECON2505, ENG2100, ENG2101, ENG2160, ENG2300, ENG2301, ENG2301, FREN1101, FREN1102, HIS1101, HIS1102, HIS1103, HIS1501, HIS1503, HIS2000, LNG1100, MUS1212, PHIL2121, PRS1461, PRS2202, PRS2211, SOC3301, SPA1101, SPA1102, SPA1301, SPA2201, SPA2202, etc.		
			US Experience in its Diversity: AFR1465, AFR1466, AFR1501, AFR1502, AFR2201, AFR2202, AFR3000, ARCH3522, ARTH1104, ECON1101, ECON2403, ENG2180, ENG2190, ENG2190, ENG2200, ENG2201, ENG2250, GOV1101, GOV1102, GOV2402, HIS1110, HIS1111, HIS2405, HIS3208, HIS3209, HIS3310, PRS2501, SOC1104, etc.		
			Creative Expression: AFR1301, AFR1304, AFR1311, AFR1321, AFR1503, AFR2302, ARCH2321, ARTH1100, ARTH1112, ARTH3311, COM1340, ENG1141, ENG2001, ENG2002, ENG2003, ENG2170, ENG2400, ENG3407, MUS1210, MUS1211, MUS2206, MUS2207, THE2180, THE2280, THE2380, THE3280, etc.		
Subtotal GenEd Core Credits				18-20	
WI*: Must complete two additional courses designated WI (writing intensive) for the baccalaureate level, one from GenEd and one from the major, 4 courses (WI) in total. Website for writing intensive Section(s) : https://www.citytech.cuny.edu/advisement/gen-ed.aspx					