

School of Science, Technology, Engineering and Design

Computer Programming

Associate of Applied Technology (AAT) Degree Program Map 2023-2024

Student Name: (First, Last)	Student EMPL #:		Date:	

Total Units: Total Cost: Target Start Date: Target Grad. Date: Staff Initials:

90 www.cptc.edu/tuition

Important Information For Educational Planning

- Program Enrollment Requirements: Completion of ENG 94 (or placement equivalent) and completion of MAT 94 or placement equivalent.
- Program Starts: Fall and Spring Terms.
- **Program class times:** Monday-Thursday 9:30am-3:30pm. CPW classes are offered on campus face-to-face with a live online option. Students can attend during the scheduled class times face-to-face on campus, -or online live via Zoom. The exact schedule will vary by term, some courses are online or hybrid (a combination of face-to-face and online learning)
- Requires competencies with personal computers and Windows-based word processing software
- Touch typing proficiency of 35 words per minute is recommended
- Students must take all three CPW courses listed in each quarter together In order to stay in sequence in the program
- Transferring Courses, or Seeking Credit for Prior Learning go to: www.cptc.edu/transfer-to
 Email Contact
 evaluator@cptc.edu
- This Degree could lead to a BAS degree at CPTC.

Program	m Courses	Units	Status	Total Term Units
Term 1 FALL/SPRG	CPW 101 ^{CL} Programming Fundamentals (Pre-Req: ENG 94 and MAT 94 or placement)	5		
	CPW 117 Web Design Principles (Pre-Req: ENG 94 and MAT 94 or placement):	3		
TALL/SFRG	CPW 151 Principles of Relational databases (Pre-Req: ENG 94 and MAT 94 or placement)	4		
	COLL 102 College Success for All	3		15
	CPW 142 Java Object-Orientated Programming I (Pre-Reg: CPW 101)	5		
Term 2	CPW 224 Introduction to JavaScript (Pre-Reg: CPW 101 and CPW 117)	4		
SUM/WINTR	CPW 209 Advanced Database Programming (Pre-Reg: CPW 101 and CPW 151)	3		
	MATH&146 Intro to Statistics (recommended), or MATH&141 Pre-calculus I	5		17
	CPW 143 Java Object-Orientated Programming II (Pre-Req: CPW 142)	5		
Term 3 FALL/SPRG	CPW 115 .NET Programming (Pre-Req CPW 209 and CPW 142)	4		
FALL/3PNG	CPW 204 Advanced JavaScript (Pre-Req: CPW 224)	3		
ENGL& 101 English Composition -or- CMST& 220 Public Speaking	ENGL& 101 English Composition -or- CMST& 220 Public Speaking	5		17
Term 4 SUM/WINTR	CPW 245 Data and Logic Structures (Pre-Req: CPW 143)	5		
	CPW 211 Advanced .NET Programming (Pre-Req CWP 115)	4		
	CPW 219 .NET Web Programming (Pre-Req CPW 115 and CPW 204)	3		
	PSYC& 100 ^{DIV} General Psychology, -or- SOC& 101 ^{DIV} Intro to Sociology	5		17
Term 5	CPW 241 Programming Practicum I (Pre-Req: CPW 245)	4		
	CPW 253 Phone Programming (<i>Pre-Req: CPW 245</i>)	4		1
	CPW 221 Advanced .NET Web Programming (Pre-Req: CPW 211 and CPW 219)	4		12
	CPW 207 Object-Orientated Analysis & Design (Pre-Req: CPW 245)	4		
Term 6 SUM/WINTR	CPW 228 C++ (<i>Pre-Req: CPW 245</i>)	4		1
	CPW 226 ^{CAP} Portfolio (Pre-Req CPW 221)	4		12

Status Key: **X**=Completed course, **TR**= Transferred course, **IP**= In Progress **Note**: Unit=Credit

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	Math	-		Student Placement				
Adult Basic Education (ABE	П							
•	ro. To Statistics w/ supplem							
Stand Alone: MATH& 146 Ir		Circui instruction (5 Omes)		<u> </u>				
Stand Alone. MATH& 140 II								
	Student Placement							
Adult Basic Education (ABE	English) contact Transitional	Studies Dept. Bldg. 10 (253) 589	9-5702					
ENGL& 101/ENSI 101 English								
Stand Alone (choose one):								
	individuali	zed Program Map						
Class:	Class:	Class:	Class:					
Class:	Class:	Class:	Class:					
Class:	Class:	Class:	Class:					
Class:	Class:	Class:	Class:	Class:				
Class:	Class:	Class:	Class:					
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Class:	Class:	Class:	Class:					
Class:	Class:	Class:	Class:					
Program Instructors: Ken Meeridink <i>or</i> Joseph Ortiz email: <u>kenneth.meerdink@cptc.edu</u> or <u>joseph.ortiz@cptc.edu</u>								
Program Counselor: Annem	arie Solbrack email: <u>Annem</u>	arie.solbrack@cptc.edu						
Transferring Course Work into CPTC: www.cptc.edu/transfer-to Email Contact evaluator@cptc.edu								
Graduation Application: www.cptc.edu/enrollment-services >Transcripts & Graduation >Degree/Certificate								
Application. Graduation Ceremony Information (Commencement) > Graduation Info								
Career Outlook sites: www.onetonline.org www.worksourcewa.com								
Notes:								

^{*}Please check in periodically with Advising and Counseling regarding any potential changes to program course requirements