

Computer Programming

Associate of Applied Technology (AAT) Degree Program Map

Student Name: (First, Last)	Student EMPL #:	Date:
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Total Units: 90	Total Cost: www.cptc.edu/tuition	Target Start Date:	Target Grad. Date:	Staff Initials:
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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

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

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 Math) contact Transitional Studies Dept. Bldg. 10 (253) 589-5702	<input type="checkbox"/>
MATH& 146/MATSI 146 Intro. To Statistics w/ supplemental Instruction (8 Units)	<input type="checkbox"/>
Stand Alone: MATH& 146 Intro. To Statistics (5 Units)	<input type="checkbox"/>

English	Student Placement
Adult Basic Education (ABE English) contact Transitional Studies Dept. Bldg. 10 (253) 589-5702	<input type="checkbox"/>
ENGL& 101/ENSI 101 English Composition w/ supplemental Instruction (8 Units)	<input type="checkbox"/>
Stand Alone (choose one): ENGL& 101 English Composition (5 Units)	<input type="checkbox"/>

Individualized Program Map

Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:

Program Instructors: Ken Meeridink *or* Joseph Ortiz **email:** kenneth.meerdink@cptc.edu *or* joseph.ortiz@cptc.edu

Program Counselor: Annemarie Solbrack **email:** Annemarie.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*