



IT - Web and Software Developer and IT - Data Specialist

DUAL DEGREE OPTION

92 credits, earning two Associate of Applied Science degrees

For more information:

wctc.edu/web-software and wctc.edu/data-spec

Three years, two careers!

Students who are interested in taking both the IT - Web and Software Developer and IT - Data Specialist programs can do so in just three years through this unique dual offering.

Dual degree programs maximize synergies between programs by sharing resources like faculty expertise, facilities and community programs - saving you both time and money.

Students gain advanced skills in both industries while taking advantage of an abbreviated schedule, a diverse environment, and enhanced opportunities for collaboration and networking.

This dual degree option totals 92 credits, and it is structured to be completed over three years. If the programs were taken separately, the total number of credits would equal 126, which is a 34-credit difference.

- Prepare for jobs such as:
 - Web and Software Developer: application software developer, application programmer, software analyst, software engineer and programmer analyst
 - Data Specialist: database administrator, database analyst, data architect and database designer
- Internship experiences provide technical, hands-on learning in real-world settings and often lead to full-time employment.
- The BIT Connections Club allows members to expand IT skills through service learning projects, emerging technology exploration, aspects of global business technology, professional development and travel opportunities.
- Transfer agreements with four-year institutions allow students to transfer seamlessly into bachelor's degree programs.

To enroll, contact the WCTC admissions at 262.691.5200



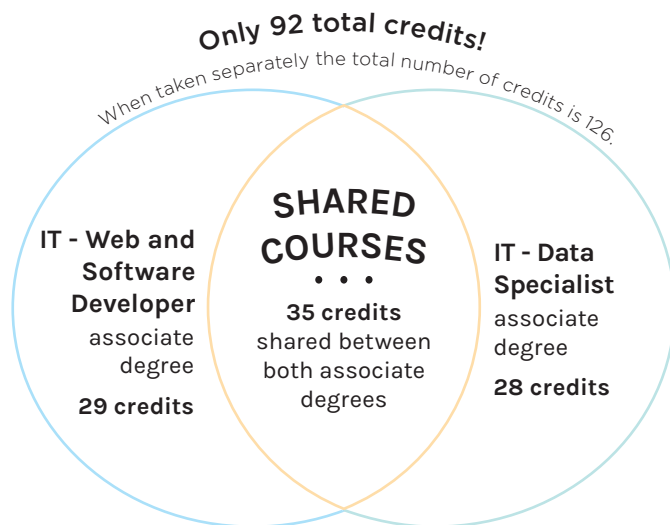
WAUKESHA
COUNTY TECHNICAL
COLLEGE

Hands-on
Higher Ed

Earn two associate degrees in three years!

The **IT - Web and Software Developer** and **IT - Data Specialist** dual degree option will lead students on a path toward two associate degrees in three years. The cross training students receive will give them critical skills for multiple industries.

For more information:
wctc.edu/web-software and wctc.edu/data-spec



IT - Web and Software Developer

PROGRAM COURSES

PROGRAM CODE 101527

	Credits
CORE COURSES:	
152-103 Mobile Application Development	2
152-105 Intro to Web Development	2
152-108 Web Server Administration	2
152-109 .Net Web Development	4
152-130 Introduction to Java	2
152-131 Software Architecture	2
152-145 Advanced Web Services Development	2
152-168 JavaScript	3
152-179 JavaScript 2	4
152-197 Distributed Java	3
GENERAL STUDIES:	
801-198 Speech	3

SHARED

PROGRAM COURSES

	Credits
CORE COURSES:	
107-102 IT Support	2
107-119 System Analysis Agile Methods	3
107-137 IT Internship	1
152-112 Intro to Programming with C#	3
152-170 IS Project	4
156-101 .Net Database Programming	3
156-108 Intro to Databases & Reporting	1
156-109 Intro to SQL	2
GENERAL STUDIES:	
801-136 English Composition 1	3
801-197 Technical Reporting	3
804-133 Math & Logic	3
809-195 Economics or 809-143 Microeconomics	3
809-199 Psychology of Human Relations	3
890-108 Employment Success	1

IT - Data Specialist

PROGRAM COURSES

PROGRAM CODE 101563

	Credits
CORE COURSES:	
150-122 Intro to PowerShell Scripting	1
150-137 MS Server	3
150-190 Network Fundamentals	2
152-101 Python Programming	1
156-102 Advanced SQL	3
156-103 Database Administration	3
156-106 Data Warehouse Design	4
156-107 Data Modeling	2
156-110 Data Visualization & Reporting	2
156-111 Intro to Data Analysis	2
156-112 Advanced Topics in Data	2
GENERAL STUDIES:	
804-189 Introductory Statistics	3

Curriculum is current as of printing. The most current curriculum requirements for graduation will be provided upon admission to program, or review at www.wctc.edu.

WCTC prohibits discrimination or harassment based on any status protected by applicable state or federal law.
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