



WASTC 2018 Faculty Development Weeks

## Get your networking mind wrapped around Python

**Dates: In Person, June 11 - 15, 2018 @ Cabrillo College, Aptos CA**

Python is a general-purpose programming language used to build just about anything. Python is key for backend web development, data analysis, artificial intelligence and scientific computing, all of which are key for pursuing IT careers.

In this course you will learn how to use the CISCO Python CPA course, including both API workshops for creating a CISCO Spark Chatbot and network API integration. Delve into what makes people go OO and AI about C++, get a little taste of Java and translate real-world issues into computer-solvable problems.



**Instructor:** Matthew Cloud

While an undergraduate in Radiological Health Engineering at Texas A&M University created a software consulting company he ran for 14 years originally called Cloud Technologies. He built a wide array of system including Positron Emission Tomography Calibration Systems, franchise companies data and interfaces including mobile devices as early as 2000, building data systems to manage building the 2nd layer of the US network in the late 90's and more recently understanding the network of the human brain as a biomedical engineer (University of Texas at Arlington and UT Southwestern Medical Center) to help those with Stroke, TBI, ADHD and other disabilities recover. Currently he helps administer the School of IT at the System level for Ivy Tech Community College of Indiana with over 20,000 IT students and 150 faculty in the past year. He serves on the K12 IT and Computer Science DOE Committees and Governors Cybersecurity Executive Council for Indiana, the Global Advisory Boards for CISCO and Oracle's academies and the C++ Institute's North American representative for course work and certification, the developers of the CISCO C++ and Python courses.

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