

INTERNET OF THINGS (IOT) PROFICIENCY, CERTIFICATE

The **Internet of Things (IoT) Proficiency Certificate** is designed for students who have already earned an associates or baccalaureate degree in a technical field and/or are employed in the technical industry. This certificate prepares students to design and develop applications using Internet connected single-board computers and sensor devices.

For more information about Computer and Information Science, please visit the program page (<http://www.cod.edu/cis/>).

Certificate Requirements

Field of Study Code: CIS.CER.IOT

Code	Title	Credits
CIS 1160	Windows Command Shell	3
CIS 1180 or CIT 1116	Data Communication & Networking Network Essentials	3
CIS 1310	HTML and CSS	3
CIS 1400	Programming Logic and Technique	4
CIS 1410	Introduction to Human Computer Interaction	3
CIS 1450	Intro to Linux/Unix Operating Systems	3
CIS 2320	JavaScript Programming	4
CIS 2470	Web Connected Devices	3
CIS 2471	Bldg Internet of Things (iot) Devices	3
CIS 2531	Introduction to Python Programming	4
CIT 1640	Network Security Fundamentals	3
Total Credits		36

This page lists programs related to one another.

- Application and Technical Support Specialist, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/application-technical-support-specialist-aas/>)
- Business Productivity Software, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/business-productivity-software-certificate/>)
- C++ Language Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/c-language-proficiency-certificate/>)
- Data Analytics, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/data-analytics-certificate/>)
- Database Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/database-proficiency-certificate/>)
- Enterprise Database Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/enterprise-database-proficiency-certificate/>)
- Game Animation and Design, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/game-animation-design-aas/>)
- Game Design and Development, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/game-design-development-aas/>)
- Game Design and Development, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/game-design-development-certificate/>)
- Game Programming and Development, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/game-programming-development-aas/>)
- Game Programming and Development, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/game-programming-development-certificate/>)
- iOS Developer Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/iphone-ipad-developer-proficiency-certificate/>)
- JAVA Language Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/java-language-proficiency-certificate/>)
- LINUX, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/linux-certificate/>)
- Python Language Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/python-language-proficiency-certificate/>)
- Software Development, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/software-development-aas/>)
- Spreadsheet Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/spreadsheet-proficiency-certificate/>)
- UNIX Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/unix-proficiency-certificate/>)
- Visual BASIC Language Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/visual-basic-language-proficiency-certificate/>)
- Web Client Developer, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/web-client-developer-certificate/>)
- Web Development, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/web-development-aas/>)
- Web Programmer, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/web-programmer-certificate/>)
- Windows Network Administration, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/windows-network-administration-certificate/>)