

**CompTIA  
Cybersecurity  
Analyst**  
Now Approved  
for DoD 8570



WASTC 2018 Faculty Development Weeks

## **CompTIA Cybersecurity Analyst (CySA+)**

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

The CompTIA Cybersecurity Analyst (CySA+) is an international, vendor-neutral cybersecurity certification that applies behavioral analytics to improve the overall state of IT security. The new CompTIA CySA+ course is for IT professionals looking to gain the following security analyst skills:

- Configure and use threat detection tools.
- Perform data analysis.
- Interpret the results to identify vulnerabilities, threats and risks to an organization.

The CySA+ course is designed to provide critical knowledge and skills required to prevent, detect and combat cybersecurity threats. The labs are designed to enable students to identify and combat malware, and advanced persistent threats (APTs), resulting in enhanced threat visibility across a broad attack surface.

The workshop will include:

- Review of all CSA+ course objectives and develop instructional materials, assessment items, lab activities and exercises.
- The instructional material including textbook recommendations, reading assignments, instructor PowerPoints, handouts and links to existing videos.
- The lab activities that are modeled after existing NDG NetLab+ labs in the Security+ and CEH courses. The lab activities use both Linux and Microsoft Windows virtual machines. Open source tools will be used as part of the lab activities.
- Worksheets and analytical exercises require that students perform specific tasks and demonstrate skills in solving cybersecurity-related problems.
- Each lesson also includes assessment tools (exams) embedded in the Canvas course.

**Instructors:** John Sands and Michael Masino



John Sands, Ph.D. has over 30 years of experience in teaching and developing curriculum in the areas of Data Communications, Information Technology and Information Assurance. He currently serves as the Principal Investigator/Executive Director of the Center for Systems Security and Information Assurance (CSSIA), an NSF/ATE National Support Center. He holds several industry certifications and also runs a consulting firm in the area of Information Security and Wireless Communications.

As a department chair, full time faculty member, and academic researcher, he has developed and taught numerous online technology courses using an integrated virtual teaching and learning environment. Dr. Sands has served as the executive director of one of the most successful Cisco System - Network Academy Training Centers in the country. He also possesses a very strong background in developing and implementing online curriculum for both students and faculty and has been the recipient of several awards in the area of innovation and teaching.



Michael Masino is the Information Security Program Director at Madison Area Technical College. Michael has developed numerous courses in Information Technology and Cyber Security. He developed several of the labs that will be used in this workshop.

Michael holds several industry certifications including: GIAC Certified UNIX Security Administrator (GCUX) GIAC Certified UNIX Security Administrator (GCUX) GIAC Python Coder (GPYC) GIAC Penetration Tester (GPEN) GIAC Certified Intrusion Analyst (GCIA) GIAC Certified Forensic Analyst (GCFA) GIAC Advisory Board

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