CABMET 2021 Class Descriptions

CLASS 1: Water Quality for Medical Devices – Delores O'Connell, Steris

- Describe how water quality affects instrumentation during processing, (2) Name the levels of water quality necessary for specific steps in device cleaning, rinsing, disinfection and steam sterilization, (3) Describe the types of water treatment systems that may be used in device reprocessing.

CLASS 2: Blood Pressure Fundamentals – Julio Castro, Pronk Technologies

- A look into the history of blood pressure along with the basic principles of measuring blood pressure. Will also look at advantages and disadvantages of NIBP vs. invasive blood pressure monitoring and possible variations in readings and more!

CLASS 3: Principles of Electrosurgery – Dale Munson, BC Group

CLASS 4: An Introduction to Steam Sterilizers – Delores O'Connell, Steris

- An introduction to the principles and phases of steam sterilization and a review on current steam sterility assurance monitoring processes.

CLASS 5: IT Fundamentals – Halie Anthony, Boecore

- Based on CompTIA IT Fundamentals (ITF+) Certification
- Using features and functions of common operating systems and establishing network connectivity
- Identifying common software applications and their purpose
- Using security and web browsing best practices
- For entry level biomeds who are new to the field or mid/senior level biomeds who are new to IT.

CLASS 6: Cyber Security – Mayleen Fitzcharles, Nuvolo

- It's critical to know everything you can about your medical devices and facilities systems. That is because if a security exploit impacts a device, you need to quickly coordinate to dispatch the right person with the right remediation steps. In this webinar we will focus why the OT security top priority is response and remediation using an intelligence hub made up of device information such as the device owner's name, what the device is used for, its location, and security monitoring information. We will cover how this intelligence hub works with your workplace management system to dispatch and track the response across potentially hundreds of medical devices and healthcare facilities systems.

CLASS 7: Prescott's Microscope Class – Justin Blush, Prescott's

- How to diagnose optical issues with microscopes and best practices for the care of microscopes and optics.

CLASS 8: College of BMET Class – Monty Gonzales, College of Biomedical Equipment Technologies

CLASS 9: Importance of ISO Certification – Carl Tuneberg, Interstate Batteries

CLASS 10: Testing IV Pumps – Julio Castro, Pronk Technologies

- This presentation provides an overview of the various infusion pump technologies available in the market, safety concerns raised by the US Food and Drug Administration (FDA) and provides maintenance and troubleshooting tips to improve their safety and effectiveness.

CLASS 11: Introduction to CABT – Dave Scott, UC Health

- Certified Associate in Biomedical Technology. This is a new certification from AAMI Credentialing Institute. Attend this presentation and learn what it takes to obtain CABT Certification. What are the next steps for you to start advancing your career? This presentation will get you on the track toward your CABT.

CLASS 12: ECG Basics – Dan McCaughtry, HSS

- Understanding the basics of ECG

CLASS 13: Medical Device Security – Dylan Winthers, HSS

- From procurement to deployment, from maintenance to end-of-life, medical devices come with inherit risk. This risk has evolved to include cybersecurity as well as patient safety. To account for all aspects of risk and security for medical devices, a program needs to adhere to best practices at all levels including: process, procedure, network, and endpoint. This presentation will address all aspects of a successful medical device security program.

CLASS 14: Cath Lab 101 – Brian Wilson,

- A brief history of the development of cath labs.

CLASS 15: Gaming On Your Knowledge of Steam Sterilization – Delores O'Connell, Steris

- Understanding Quality Management Systems (QMS), discussing industry standards and Sterility Assurance Products (ASP), and understanding "wet packs".

CLASS 16: Renewing CBET – Dave Scott, UC Health

- Do you have a CBET CEU Journal? How many CEUs do you need? Will you have enough to renew? What kind of documentation do you need? This presentation will discuss all these questions and more. This will get you on the right track for renewing your CBET certification.

CLASS 17: Is That Medical Device Really Ready to Go Back to the Clinical Department – Julio Castro, Pronk Technologies

- Attendees will have an opportunity to understand test equipment specifications used for maintaining and calibrating medical devices. Presentation will review examples of actual device manufacturer testing requirements and compare them to specifications of commonly used test equipment.

CLASS 18: Leadership Fundamentals – Halie Anthony, Boecore

- Leadership Development - We will learn new communication tools and put them into practice during class. We will review our saboteurs (inner critic) and explore how our saboteurs influence our verbal and nonverbal communication style. Please take the saboteurs assessment by clicking the link below. Review your results and bring them to class. This will be an interactive class. Be prepared to have fun and practice some new skills!

CLASS 19: BMET Soft Skills – Dave Scott, UC Health

- In the 30+ years I have worked in the HTM field I have seen technically gifted BMETs struggle with soft skills. This presentation will help overcome these struggles. Topics Covered: Customer Service, HEAT Method, AIDET, Work Order Management, Professional Emails and Professionalism. Soft skills can help you advance your career and reflect positively on your next evaluation.

CLASS 20: Best Practices for Biomedical Device Documentation and How Fluke OneQA Can Help – Terry Harris, Fluke Biomedical

RIGHT TO REPAIR UPDATE – Kevin O'Reilly

KEYNOTE ADDRESS: Elevating HTM Through Standardization and Education – Danielle McGeary, AAMI