



UTM
UNIVERSITI TEKNOLOGI MALAYSIA



MEDICAL DEVICE TECHNOLOGY EXECUTIVE COURSE

Medical Devices and Technology Centre (MEDiTEC) UTM together with Medical Device Authority (MDA), Ministry of Health Malaysia have jointly developed a comprehensive Executive Course Program which consists of 22 modules in the area of medical device technology. These modules are suitable for engineers and professional personnel working within the related industry.



CAREER DEVELOPMENT COURSES

Working in current high demand industries could be competitive when everyone strive more than who they are. We would like to assist in widening the chance for those who are searching to further enhance their skills and knowledge.



COURSE OVERVIEW

This Executive Course provides engineers and professionals working within medical devices technology industry an opportunity to gain a rapid yet thorough understanding of the entire medical device lifecycle, spanning from the research and development phase to the final commercialization.



MICRO-CREDENTIALS DIGITAL BADGE

Micro-Credential courses are designed as modular certifications, specifically tailored to equip learners with essential knowledge, skills, values, and competencies in highly specialized areas of study and practical applications. These credentials are the key to mastering specific, in-demand expertise with precision and excellence.



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22 PROFESSIONAL MODULES

1. INTRODUCTION TO MEDICAL DEVICE TECHNOLOGY AND REGULATORY REQUIREMENTS
2. MEDICAL DEVICE PRODUCT DEVELOPMENT
3. QMS FOR MEDICAL DEVICE REGULATORY COMPLIANCES
4. SCIENCE OF MANUFACTURING PROCESS
5. MEDICAL DEVICE CLASSIFICATION
6. CONFORMITY ASSESSMENT
7. GOOD DISTRIBUTION PRACTICE FOR MEDICAL DEVICE AND MS2058
8. POST MARKET SURVEILLANCE AND VIGILANCE
9. BIOCOMPATIBILITY
10. MECHANICAL TESTING
11. ELECTRICAL TESTING
12. ARTIFICIAL INTELLIGENCE
13. SCIENTIFIC REPORT WRITING IN CLINICAL EVIDENCE
14. AUDITING TECHNIQUES
15. INTRODUCTION TO ANATOMY AND PHYSIOLOGY
16. SOFTWARE AS MEDICAL DEVICE
17. GOOD SUBMISSION PRACTICE
18. COMBINATION PRODUCTS (MEDICAL DEVICE AND DRUG)
19. MEDICAL GAS SYSTEM AND FLUID
20. DYNAMICS BIOMECHANICS MODELING
21. ADDITIVE MANUFACTURING
22. MEDICAL DEVICE LABELING AND CODE OF ADVERTISEMENT



MORE INFORMATION



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