Medication Aide Certificate (MDADC)

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The Medication Aide certificate is approved by the Ohio Board of Nursing. The program focuses on basic concepts of anatomy, physiology, and pharmacology as required by State of Ohio regulations. The certificate program includes a minimum of 80 hours of lecture and lab practice to prepare students to distribute medications in long-term care and residential care facilities.

Students also spend at least 40 hours in clinical practice in a long term care and/or residential care facility, distributing medications under the direct supervision of a licensed nurse. Students research and prepare medication information for each resident in their assignment.

Prospective students must be at least 18 years old, and have State-Tested Nurse Aide certification, a high school diploma or GED equivalent, and appropriate COMPASS® placement test scores. A BCI (civilian) and FBI (federal) criminal records check is required for all applicants.

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Program Prerequisites: AFL 085 Applications of College Reading and Writing and AFM 095 Foundations of Basic Algebra or appropriate placement test scores, and MCH 130 Nurse Aide Training or currently in good standing on the Ohio State Nurse Aide registry. To be admitted to this program, students must submit an application including a physical and 2-step TB test and must complete a criminal background check.

MCH 134	Medication Aide Training	6
Total Credits		6

Courses

MCH 100 Healthcare Informatics
2 Credits. 2 Lecture Hours. 0 Lab Hour.
A course on technology used in the healthcare delivery system and electronic health records (EHR) management. Topics include: hardware, software, user interfaces, telecommunications and networks, and health management information systems.
Prerequisites: IM 105 or 20 wpm keyboarding speed

MCH 101 Medical Terminology 1
2 Credits. 2 Lecture Hours. 0 Lab Hour.
A course on the basic structure of medical words and abbreviations. Topics include: prefixes, suffixes, word roots, combining forms, and singulars and plurals.
Prerequisites: AFL 085 or appropriate placement test score

MCH 102 Medical Terminology 2
2 Credits. 2 Lecture Hours. 0 Lab Hour.
A continuation of MCH 101. Topics include: defining, pronouncing, and spelling medical terms using prefixes, suffixes, roots, and combined forms.
Prerequisites: MCH 101 (minimum grade C)

MCH 104 Comprehensive Medical Terminology
3 Credits. 3 Lecture Hours. 0 Lab Hour.
A comprehensive study of medical terminology. Topics include: prefixes, suffixes, word roots, combining forms, singulars and plurals, and abbreviations associated with medical specialties.
Prerequisites: AFL 085 or appropriate placement test score

MCH 106 Health and Wellness Promotion
2 Credits. 2 Lecture Hours. 0 Lab Hour.
A course on promoting health and wellness issues to the public. Topics include: self-empowerment, stress reduction, physical fitness, healthy eating, addiction avoidance, identifying and reducing risk factors in disease, and alternative therapies.
Prerequisites: None

MCH 108 Professionalism in Healthcare
3 Credits. 3 Lecture Hours. 0 Lab Hour.
A course on professional standards applicable in healthcare settings. Topics include: communication skills, employability skills, healthcare teams, diversity, career planning, and professional development.
Prerequisites: AFL 080 or appropriate placement test score

MCH 110 Orientation to Health Records
3 Credits. 3 Lecture Hours. 0 Lab Hour.
A course on the content and format of health records. Topics include: standard forms, legal issues related to health records, maintaining health records, and filing and retrieving diagnostic reports.
Prerequisites: MCH 101 (minimum grade C), and IM 105 or appropriate keyboarding score

MCH 112 Issues in Health Economics
2 Credits. 2 Lecture Hours. 0 Lab Hour.
A course on current trends and concerns related to the economics of health care systems. Topics include: economic differences between medical care and other commodities.
Prerequisites: None

MCH 114 Law and Ethics for Healthcare
2 Credits. 2 Lecture Hours. 0 Lab Hour.
A course on fundamentals of medical jurisprudence and essentials of professional behavior in healthcare. Topics include: medical ethics, legal concerns in healthcare, and the healthcare provider's role as an agent of the physician.
Prerequisites: AFL 085 or appropriate placement test score

MCH 116 Cultural Competency for Health and Public Safety Professions
3 Credits. 3 Lecture Hours. 0 Lab Hour.
A course on the influences of race, culture, and ethnicity in shaping values, belief systems, and behaviors of Health and Public Safety professionals and patients/clients.
Prerequisites: ENG 101

MCH 118 Quality Improvement in Healthcare
2 Credits. 2 Lecture Hours. 0 Lab Hour.
A course on quality improvement in healthcare, focused on patient-centered care. Topics include: organizations responsible for healthcare accreditation and regulation, healthcare provider departments that address regulations, and trends affecting delivery of quality healthcare services.
Prerequisites: AFL 085 or appropriate placement test score

MCH 120 Health Unit Coordinator Training
4 Credits. 3 Lecture Hours. 2 Lab Hours.
A course on skills required for entry-level medical clerical workers. Topics include: patient charts, transcribing nursing treatment, using computer software, medication, respiratory and physical therapy orders, X-ray and MRI scan procedures, nuclear medicine, ultrasound, and endoscopy.
Prerequisites: MCH 101 or MCH 104 (minimum grade C for either)

MCH 130 Nurse Aide Training
5 Credits. 4 Lecture Hours. 2 Lab Hours.
A course on caring for the elderly in long-term care facilities. Topics include: communication skills, mental health and social service needs, resident rights, safety and emergency procedures, and restorative services. Students who complete the course successfully are qualified to take the Ohio Board of Health Competency Evaluation Test.
Prerequisites: None

MCH 132 Patient Care Assistant Training
3 Credits. 2 Lecture Hours. 2 Lab Hours.
A course that prepares students for employment in acute care facilities as nursing assistive personnel. Topics include: role definition/classification, communication, basic anatomy/physiology concepts with associated observations, overview of nutrition/diet therapy, introduction to common pathologies, and commonly delegated skills.
Prerequisites: AFL 085 or appropriate placement test score, and MCH 130, and on State Nurse Aide Registry or eligible for Registry

MCH 134 Medication Aide Training
6 Credits. 4 Lecture Hours. 4 Lab Hours.
A course that prepares students to distribute medications in long-term care and residential care facilities, through a minimum of 80 hours of lecture and laboratory practice and 40 hours of clinical experience.
Prerequisites: MCH 130, and on State Nurse Aide Registry or have one year of experience in a residential care setting

MCH 136 Restorative Aide Training
2 Credits. 1 Lecture Hour. 2 Lab Hours.
A course on rehabilitation services used to return individuals to optimal mobility and functioning following various conditions. Topics include: lifting, moving, and ambulation procedures; care of individuals with musculoskeletal, neurological, and integumentary conditions; and restorative approaches to meeting nutrition, hydration, and personal care needs.
Prerequisites: MCH 130, and on State Nurse Aide Registry or eligible for Registry

MCH 138 Patient Care Skills
2 Credits. 1 Lecture Hour. 3 Lab Hours.
A course on fundamental health care concepts and skills for students planning a career in healthcare. Topics include: basic body mechanics, patient draping techniques, infection control techniques, oxygen therapy, and problem solving techniques.
Prerequisites: None

MCH 141 Electrocardiography 1
3 Credits. 2 Lecture Hours. 2 Lab Hours.
A course on basic principles of electrocardiography. Topics include: the electrical conductive system of the heart, patient preparation, setting up the ECG machine, and recognizing and correcting distortion problems.
Prerequisites: BIO 100 or BIO 111 (minimum grade C for either)

MCH 142 Electrocardiography 2
4 Credits. 3 Lecture Hours. 2 Lab Hours.
A continuation of MCH 141, including review of basic electrocardiography and 12 lead ECG interpretation. Topics include: cardiac electrophysiology, common dysrhythmia recognition, advanced cardiac dysrhythmias, chamber enlargement, pacemakers, myocardial ischemia, injury, infarct patterns, and effects of drugs and electrolytes on the ECG.
Prerequisites: MCH 141 (minimum grade C) or certification in EMT, Paramedic, or Nursing

MCH 198 First Year Special Topics in Multi-Competency Health Technology
1-9 Credits. 0 Lecture Hour. 0 Lab Hour.
A course on selected topics related to Multi-Competency Health Technology, which gives students opportunities to study information not currently covered in other courses. Grades issued are A, B, C, D, or F.
Prerequisites: None

MCH 199 First Year Independent Project in Multi-Competency Health Technology
1-9 Credits. 0 Lecture Hour. 0 Lab Hour.
A project related to Multi-Competency Health Technology that is completed by one or more students to meet specific educational goals. Projects must have prior approval and supervision by Multi-Competency Health Technology faculty. Grades issued are Satisfactory or Unsatisfactory.
Prerequisites: None

MCH 298 Second Year Special Topics in Multi-Competency Health Technology
1-9 Credits. 0 Lecture Hour. 0 Lab Hour.
A course on selected topics related to Multi-Competency Health Technology, which gives students opportunities to study information not currently covered in other courses. Grades issued are A, B, C, D, or F.
Prerequisites: None

MCH 299 Second Year Independent Project in Multi-Competency Health Technology
1-9 Credits. 0 Lecture Hour. 0 Lab Hour.
A project related to Multi-Competency Health Technology that is completed by one or more students to meet specific educational goals. Projects must have prior approval and supervision by Multi-Competency Health Technology faculty. Grades issued are Satisfactory or Unsatisfactory.
Prerequisites: Vary by section