MEDICAL ASSISTING (MED)

MED 103 Medical Terminology I 3 Credits
Explores medical terminology by combining word roots, suffixes, and prefixes. Emphasizes definitions, pronunciation, spelling, and usage in various health care professions.
Prerequisite: None

MED 104 Medical Terminology II 5 Credits
Builds on foundations of combining forms, prefixes, and suffixes learned in MED 103. Includes studying diseases, laboratory and diagnostic testing, and surgical procedures with a focus on human anatomy and physiology.
Prerequisite: Prerequisite: MED 103 with a "C" of better.

MED 107 Integrated Medical Terminology 5 Credits
Introduces medical terminology with emphasis on word definitions, correct spelling, and pronunciation of terms related to the structure and function of the human body. Includes structural organization of the body, body planes, directional terms, quadrants, body cavities, common medical abbreviations, and terminology associated with pathology, diagnostic, and treatment procedures across major body systems.
Prerequisite: Concurrent enrollment in CCS 107 or completion of CCS 107 with a 'C' or better.

MED 150 Basic Clinical Procedures 5 Credits
Introduces students to daily operations and safety of medical assisting through theory and techniques utilized by the medical assistant. Content provides communication skills, infection control, aseptic technique, surgical equipment and supplies, special procedures.
Prerequisite: Orientation with medical assisting faculty mentor prior to entry. Completion of CCS 107, ENGL& 101, MATH& 107 or CMATH 146, and MED 107 with a C or better and concurrent enrollment in MED 151.

MED 151 Administrative Ambulatory Care 5 Credits
Covers theory and skills related to the administrative procedures performed in an ambulatory health care setting. Introduces an Electronic Medical Record (EMR) simulation.
Prerequisite: Completion of CCS 107, ENGL& 101, CMATH 107 or CMATH 146, and MED 107 with a C or better and concurrent enrollment in MED 150.

MED 152 Disease and the Human Body 5 Credits
Introduces disease processes, prevention, and health promotion throughout the body and life span.
Prerequisite: Prerequisite: Completion of 1st quarter MED courses with a C or better (MED 105, MED 150, MED 151) and concurrent enrollment in MED152, MED 153, MED 154, and MED 157.

MED 153 Medical Assisting Career Development 2 Credits
Develop skills in preparation for externship as a medical assistant. Acquire practical skills and knowledge related to professionalism, career development, and the job search process for employment.
Prerequisite: Prerequisite: Completion of 1st quarter MED courses with a C or better (MED 105, MED 150, MED 151) and concurrent enrollment in MED152, MED 153, MED 154, and MED 157.

MED 154 Advanced Clinical Procedures 5 Credits
Further advance practical skills and knowledge in various routine screenings and specialized clinical procedures. Includes patient assessment techniques and accurate documentation in EHR.
Prerequisite: Prerequisite: Completion of 1st quarter MED courses with a C or better (MED 105, MED 150, MED 151) and concurrent enrollment in MED152, MED 153, MED 154, and MED 157.

MED 155 Medical Laboratory for Medical Assistants 5 Credits
Covers theory and clinical development in the laboratory. The student will gain the skills and knowledge necessary to perform advanced clinical procedures in medication administration, phlebotomy, and laboratory testing.
Prerequisite: Prerequisite: Completion of 2nd quarter MED courses with C or better and concurrent enrollment with MED155, MED156, MED158, and MED160.

MED 156 Pharmacology for Medical Assistants 4 Credits
Introduces the classifications of drugs including indications for use, desired effects, side effects, and adverse reactions. Applies mathematical computations to solve equations, convert amongst measurement systems, and calculate proper dosages of medication for administration.
Prerequisite: Prerequisite: Completion of 2nd quarter MED courses with C or better and concurrent enrollment with MED155, MED156, MED158, and MED160.

MED 157 Insurance, Coding, and Accounting Basics for Medical Assistants 3 Credits
Focus on health insurance and basic accounting principles used in ambulatory care. Introduction into the interpretation of Current Procedural Terminology (CPT), Diagnosis Coding systems (ICD-CM), Healthcare Common Procedure Coding systems (HCPCS), and insurance billing.
Prerequisite: Prerequisite: Completion of 1st quarter MED courses with a C or better (MED 105, MED 150, MED 151) and concurrent enrollment in MED152, MED 153, MED 154, and MED 157.

MED 158 Law, Ethics, Professionalism for Medical Assistant 5 Credits
Introduces legal, ethical, and soft-skill topics essential for safe practice as a medical assistant.
Prerequisite: Prerequisite: Completion of 2nd quarter MED courses with C or better and concurrent enrollment with MED155, MED156, MED158, and MED160.

MED 159 Externship for Medical Assistants 6 Credits
Provides supervised off-campus opportunity in a healthcare setting demonstrating hands-on practical experience. Apply and reinforce knowledge, skills, and behaviors performing clinical and administrative duties.
Prerequisite: Prerequisite: Completion of all 1st, 2nd, and 3rd quarter MED courses with C or better, and all onboarding requirements by specified due date.

MED 160 Medical Assisting National Exam Preparation 1 Credit
Focus on a thorough review of the American Association of Medical Assistants (AAMA) Exam Content Outline. Assist students to successfully navigate the national certification examination for medical assistants.
Prerequisite: Prerequisite: Completion of 2nd quarter MED courses with C or better and concurrent enrollment with MED155, MED156, MED158, and MED160.