



## MAS 102: Medical Assisting Clinical Procedures II

This course further develops the student's clinical skills and prepares them to perform a variety of procedures in the medical office or clinic. Students develop knowledge and skills in communication, assessment and triaging, pharmacology, administration of medications, basic principles of nutrition, and basic principles of psychology. Pre or co-requisite: BIO 115 or BIO 233 and BIO 234, MAS 101 or permission of the instructor. Two lecture hours and three laboratory hours per week. Instructional Support Fee applies.

### Course Student Learning Outcomes

Cognitive 1. Identify the classifications of medications, including desired effects, side effects, and adverse reactions. 2. Describe the relationship between anatomy and physiology of all body systems and the medications used for treatment in each. 3. Define the basic units of measurement in metric, apothecary and household systems. 4. Convert among measurement systems. 5. Identify both abbreviations and symbols used in calculating medication dosages. 6. Describe the process to follow if an error is made in patient care. Psychomotor 1. Select the proper sites for administering parenteral medication. 2. Administer oral medications. 3. Administer parenteral (excluding IV) medications. 4. Prepare proper dosages of medication for administration. 5. Prepare a written report using the Medical Model format. 6. Develop an environmental plan. Affective 1. Verify ordered doses/dosages prior to administration. 2. Demonstrate self-awareness in responding to emergency situations.

**Credits:** 3

**Program:** Medical Assisting