

# Exploring Medicine

## *Certificate of Completion* of the **Cardiovascular Module**

**This certificate certifies that \_\_\_\_\_ has successfully completed the Exploring Medicine Cardiovascular module on this date \_\_\_\_\_. This pre-health profession's competency addresses the following foundations of the 2015 MCAT:**

1. Biological and Biochemical Foundations of Living Systems

- a. Foundational Concept 1, Category 1D: Principles of bioenergetics and fuel molecule metabolism
- b. Foundational Concept 2, Category 2A: Assemblies of molecules, cells, and groups of cells within single cellular and multicellular organisms
- c. Foundational Concept 3, Category 3B: Structure and integrative functions of the main organ systems

2. Chemical and Physical Foundations of Biological Systems

- a. Foundational Concept 4, Category 4B: Importance of fluids for the circulation of blood, gas movement, and gas exchange
- b. Foundational Concept 4, Category 4C: Electrochemistry and electrical circuits and their elements

3. Scientific Inquiry and Reasoning Skills

- a. Skill 1: Knowledge of Scientific Principles
- b. Skill 2: Scientific Reasoning and Problem-solving

4. Critical Analysis and Reasoning Skills

- a. Skill 1: Foundations of Comprehension
- b. Skill 2: Reasoning Within the Text
- c. Skill 3: Reasoning Beyond the Text Passage Types

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Instructor:



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Exploring Medicine