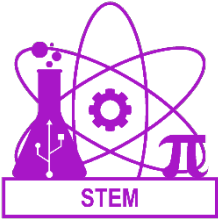


# BIG BEND COMMUNITY COLLEGE

## STEM

### SIMULATION TECHNOLOGY



Simulation specialists replicate situations or environments, through the use of programming and robotics that allow healthcare professionals to experience simulated reality for the purpose of training. This program is designed to provide the programming, robotics, and healthcare basics needed to gain employment in a simulation center or lab. This course of study is intended for individuals who have an interest in working with robotics in the healthcare setting as well as individuals already working in simulation settings.

### ENTRY REQUIREMENTS

- Complete Admissions and Placement processes
- Meet with SIM advisor prior to enrolling

Students entering most healthcare professions programs will be required to present documentation of health history and vaccination status, undergo annual tuberculosis screening, submit to a background check, submit to initial and random drug screening, and undergo finger printing prior to licensing with the state of Washington.

### MEDICAL SIMULATION OPERATIONS

- |   |   |
|---|---|
| <input type="checkbox"/> SIM 110 – Intro to SIM Programming (4)   | <input type="checkbox"/> SIM 245 – Basic SIM Operations (2)                   |
| <input type="checkbox"/> SIM 130 – Fundamentals of SIM Theory (4) | <input type="checkbox"/> SIM 295 – Practicum in the Community (1)             |
| <input type="checkbox"/> SIM 140 – Basic SIM Diagnostics (3)      | <input type="checkbox"/> HED 119 – Medical Terminology (5) or prior MT course |

14+ TOTAL CERTIFICATE CREDIT

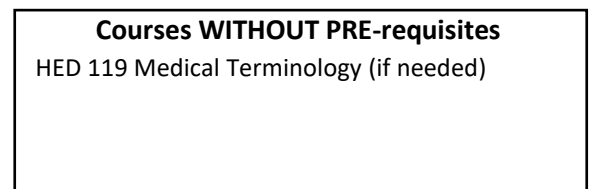
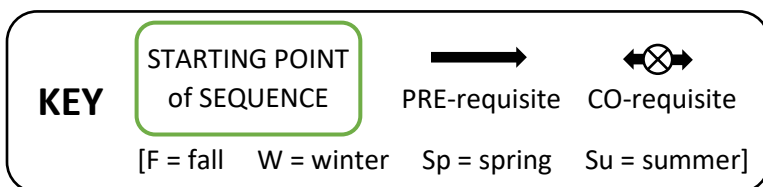
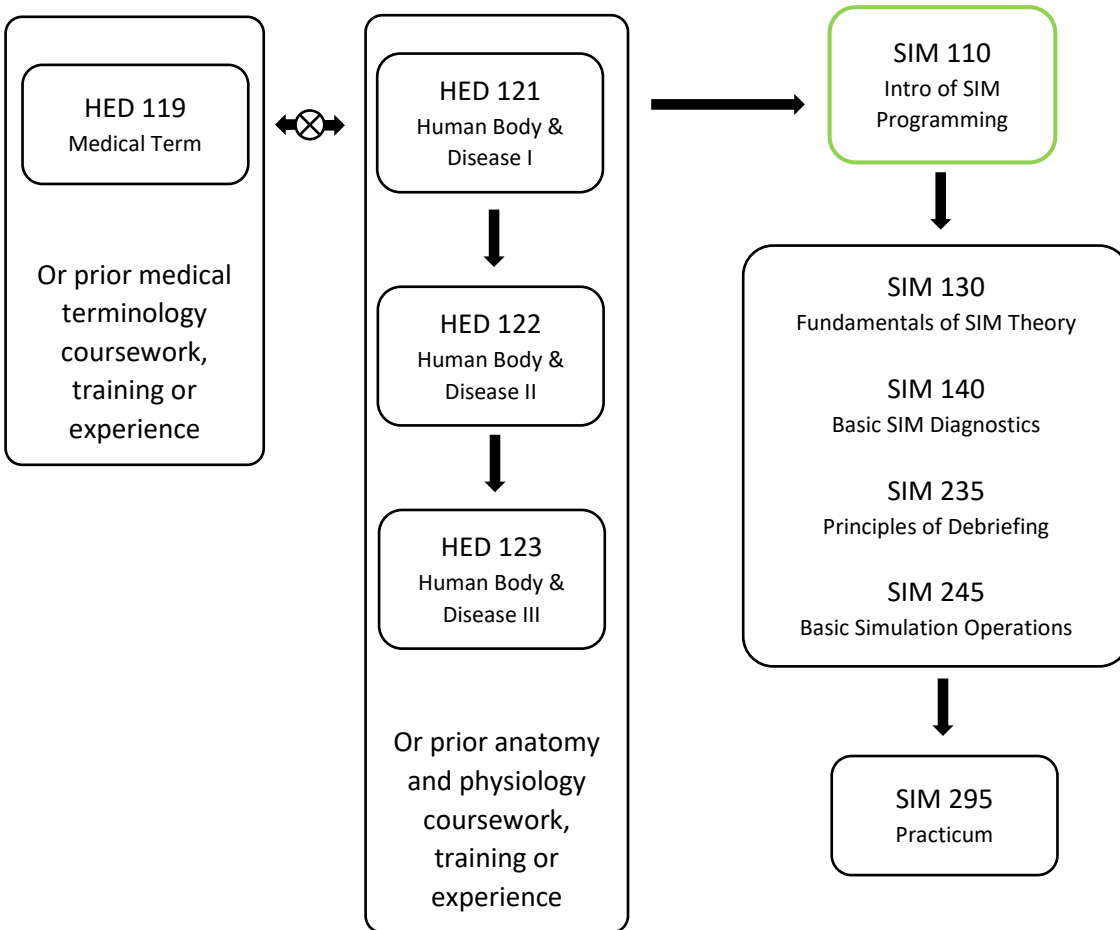
### MEDICAL SIMULATION EDUCATORS

- |   |   |
|---|---|
| <input type="checkbox"/> SIM 110 – Intro to SIM Programming (4)   | <input type="checkbox"/> SIM 235 – Principles of Debriefing (4)   |
| <input type="checkbox"/> SIM 130 – Fundamentals of SIM Theory (4) | <input type="checkbox"/> SIM 245 – Basic SIM Operations (2)       |
| <input type="checkbox"/> SIM 140 – Basic SIM Diagnostics (3)      | <input type="checkbox"/> SIM 295 – Practicum in the Community (1) |

18 TOTAL CERTIFICATE CREDIT

## MEDICAL SIMULATION TECHNICIAN PRE-REQUISITE FLOW CHART

Start by talking with your assigned advisor to determine which courses to take first based on your placement scores.





**BIG BEND COMMUNITY COLLEGE  
WORKFORCE EDUCATION PROGRAM REQUIREMENTS**

**Certificate of Accomplishment**

Students working toward a Certificate of Accomplishment need to develop a program plan with the faculty advisor in their Workforce Education area of interest. The Certificate of Achievement is designed to provide recognition for the student who does not complete a Certificate of Achievement or an Associate in Applied Science degree program.

**Changes or substitutions for course work in the college catalog must be listed and approved by the advisor.** It is essential that students meet quarterly with their advisor before registration to review progress and plan their program.

Each program plan must be approved by the Workforce Education program advisor and Dean of Workforce Education. Certificates will be issued out of the Dean of Workforce Education Instructional Services office.

**Certificate of Accomplishment**      **QTR & YR Completed:** \_\_\_\_\_

*Title of Certificate:*

\_\_\_\_\_

*Advisor Approval:*

\_\_\_\_\_  
Advisor

\_\_\_\_\_  
Date

*Program Completion Approval:*

\_\_\_\_\_  
Dean of Workforce Education

\_\_\_\_\_  
Date

\_\_\_\_\_  
Instructional Services Office Assistant

\_\_\_\_\_  
Date