

# Degree & Certificate Requirements

## Medical Simulation Technology Associate in Applied Science (AAS) PROFESSIONAL TECHNICAL 2020-2021 Degree Requirements

### Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
SIM 110	Fundamentals of Simulaton Programming	2		
SIM 120	Medical Equipment Research	2		
SIM 130	Introducation to Medical Simulation	5		
SIM 140	Basic Simulation Maintenance	5		
SIM 161	Pharmacology Lab	1		
SIM 212	Advanced Life Support Scenarios	5		
SIM 220	Simulation Systems Administration	5		
SIM 221	Pediatric Simulations	5		
SIM 222	Clinical Focused Simulations	3		
SIM 230	LMS for Simulation	2		
SIM 233	Simulation By Design	3		
SIM 295	Practicum in Community Simulation	2		
SIM 297	Simulation Seminar	1		
<b>Subtotal</b>		<b>41</b>		

### Major Support

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
CS 104	Intro to Computer Hardware	3		
CS& 141	Computer Science I Java [M/S]	5		
or				
CS& 131	Computer Science I C++ [M/S]	5		
HED 119	Medical Terminology	5		
HED 160	Pharmacology	3		
BIOL&170	Human Biology	5		
FAD 150	Industrial First Aid	2		
<b>Subtotal</b>		<b>23</b>		

### General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
ENGL&101	English Composition I [C]	5		
ENGL&235	Technical Writing [C]	5		
MATH&141	Precalculus I [M/S] [Q/SR]	5		
PSYC&100	General Psychology [S/B]	5		
CMST&210	Interpersonal Communication [C]	5		
CMST&220	Public Speaking [C]	5		
<b>Subtotal</b>		<b>30</b>		
<b>Total Credits Required</b>		<b>94</b>		

### Note:

For more information about this program, visit Big Bend Community College at [bigbend.edu/academics/programs/medical-simulation](http://bigbend.edu/academics/programs/medical-simulation). Students apply to and enroll at Big Bend Community College for core courses. For specific questions, contact Andrea Elliott at [andrea@bigbend.edu](mailto:andrea@bigbend.edu) or 509-793-2125.