

College of Health Professions  
Respiratory Care, AAS  
**Big Rapids Program Plan**

Fall Semester Qualification Courses		Spring Semester Qualification Courses		Summer Semester Professional Sequence	
CHEM 114 Intro to General Chemistry MATH 114 Quantitative Reasoning for Professionals or MATH 115 Quantitative Reasoning for Professionals ENGL 150 English I Social Awareness Elective	4 Cr 4/3 Cr  3 Cr <u>3 Cr</u> <b>14/13</b>	COMM 105 or COMM 221 ENGL 250 English 2 BIOL 205 Human Anatomy and Physiology COHP 100 Orientation to Med Vocab	3 Cr 3 Cr 5 Cr <u>1 Cr</u> <b>12</b>	RESP 100 Introduction to Respiratory Care RESP 119 Cardiopulmonary Anatomy & Physiology RESP 123 Patient Assessment and Gas Therapy RESP 124 Patient Assessment and Gas Therapy Lab	1 Cr 2 Cr 2 Cr <u>1 Cr</u> <b>6</b>
Fall Semester Professional Sequence		Spring Semester Professional Sequence		Summer Semester Professional Sequence	
RESP 125 Cardiopulmonary Pharmacology RESP 145 Respiratory Care Procedures RESP 146 Respiratory Care Procedures Lab RESP 162 Cardiopulmonary Pathophysiology RESP 192 Clinical Practicum 1 (Basic Assessment and Therapy) COHP 102 Safety Issues in Health Care	2 Cr 3 Cr 2 Cr 2 Cr 2 Cr <u>1 Cr</u> <b>12</b>	RESP 171 Cardiopulmonary Diagnostic Testing RESP 172 Cardiopulmonary Diagnostic Testing Lab RESP 182 Arterial Blood Gases and Oxygenation RESP 220 Adult Mechanical Ventilation RESP 221 Adult Mechanical Ventilation Lab RESP 193 Clinical Practicum 2 (Adv Therapy)	2 Cr 1 Cr 2 Cr 3 Cr 2 Cr <u>2 Cr</u> <b>12</b>	RESP 230 Neo/Ped Respiratory Care RESP 231 Neo/Ped Respiratory Care Lab RESP 292 Clinical Practicum 3 (Adult Critical Care)	2 Cr 1 Cr <u>4 Cr</u> <b>7</b>
Fall Semester Professional Sequence		Spring Semester		Summer Semester	
RESP 241 Resp Care Clin Sim Review RESP 299 Respiratory Care Capstone RESP 294 Clinical Practicum 4 (Specialties) COHP 101 The U.S. Health Care Systems Cultural Enrichment Elective	2 Cr 2 Cr 4 Cr 3 Cr <u>3 Cr</u> <b>14</b>				