

Semester 1

Course ID	Course Title	Credits	Pre/Co-requisites
ENC 1101	English Composition I	3	Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).
Social Science	AMH 2010, AMH 2020, POS 2041	3	
BSC 2085	Human Anatomy and Physiology 1	3	Corequisite: BSC 2085L
BSC 2085L	Human Anatomy and Physiology 1 Laboratory	1	Corequisite: BSC 2085
CCT ---OR--- CGS 1060C	Computer Competency Test (CCT) ---OR--- Introduction to Computer Technology and Applications		Departmental Recommendation: Computer Skills Placement (CSP)
Semester Credits		10	

Semester 2

Course ID	Course Title	Credits	Pre/Co-requisites
CHM 1025	Introductory Chemistry	3	Pre-requisite: MAT 1033♦ Students must seek advisement for proper mathematics course from discipline chairperson.
BSC 2086	Human Anatomy & Physiology 2	3	Prerequisite: BSC 2085; Corequisite: BSC 2086L
BSC 2086L	Human Anatomy & Physiology 2 Laboratory	1	Prerequisite: BSC 2085, BSC 2085L; Corequisite: BSC 2086
MAC 1105	College Algebra	3	Prerequisite: MAT 1033♦ Students must seek advisement for proper mathematics course from discipline chairperson.
Semester Credits		10	

Semester 3

Course ID	Course Title	Credits	Pre/Co-requisites
Humanities	ARH 1000, HUM 1020, LIT 2000 MUL 1010, PHI 2010, THE2000	3	Note: ENC 1101 is a prerequisite to LIT 2000.
RET 1024C	Fundamentals of Respiratory Care	3	Prerequisite: ENC 1101; Corequisite: RET 2274C
RET 1484	Respiratory Care Pathophysiology 1	2	Prerequisite: ENC 1101; Corequisite: RET 1024C
RET 2274C	Respiratory Care Equipment and Procedures	3	Corequisite: RET 1024C
Semester Credits		11	

Semester 4

Course ID	Course Title	Credits	Pre/Co-requisites
RET 2275C	Advanced Respiratory Care Equipment and Procedures	3	Prerequisite: RET 2274C
RET 2350	Respiratory Care Pharmacology	2	Prerequisite: CHM 1045, RET 1484; Corequisite: RET 2275C, RET 2503
RET 2832	Respiratory Care Clinic 1	2	Prerequisite: RET 2274C
RET 2414	Pulmonary Studies	2	Corequisite: RET 2414L
RET 2414L	Pulmonary Studies Laboratory	1	Corequisite: RET 2414
RET 2503	Respiratory Care Pathophysiology 2	3	Prerequisite: RET 1484
Semester Credits		13	

Semester 5

Course ID	Course Title	Credits	Pre/Co-requisites
RET 2284	Principles of Mechanical Ventilation	2	Prerequisite: RET 2275C; Corequisite: RET 2284L
RET 2284L	Principles of Mechanical Ventilation Laboratory	2	Corequisite: RET 2284

RET 2833	Respiratory Care Clinic 2	5	Prerequisite: RET 1024, 1024L, 1484, 2274, 2274L, 2350
	Semester Credits	9	

Semester 6

Course ID	Course Title	Credits	Pre/Co-requisites
RET 2714	Perinatal and Pediatric Respiratory Care	2	Corequisites: RET 2264, RET 2714L
RET 2714L	Perinatal and Pediatric Respiratory Care Laboratory	1	Corequisites: RET 2264, RET 2714
RET 2264	Advanced Modalities and Monitoring	2	Prerequisite: RET 2284; Corequisite: RET 2714, RET 2714L
RET 2834	Respiratory Care Clinic 3	8	Prerequisites: RET 2284, RET 2284L; Corequisites: RET 2714, RET 2714L
	Semester Credits	13	

Semester 7

Course ID	Course Title	Credits	Pre/Co-requisites
RET 2601	Respiratory Care Seminar	2	
RET 2835	Respiratory Care Clinic 4	8	Prerequisite: RET 2834; Corequisite: RET 2601
	Semester Credits	10	
	Program Total	76	

Academic Pathway at MDC: The AS in Respiratory Care is a pathway to the [BAS in Leadership and Management Innovation](#). CGS 1060C must be satisfied for completion of the Associate in Science Degree. Course satisfaction can be accomplished through examination or by successful class attendance in the course. Student must have successfully completed HSC 0003 – Introduction to Health Care (2.5 credits) and HSC 0003L – Introduction to Health Care Lab (.5 credits) prior to applying to the program. To learn more about the courses listed see [College Catalog](#).