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**Respiratory Care**

**Associate in Applied Science degree**

**Program Coordinator: Jim Matchuny E-mail:** **jim.matchuny@kctcs.edu** **Phone:** **859-246-6246**

**Program Website:** [**https://bluegrass.kctcs.edu/education-training/program-finder/respiratory-care.aspx**](https://bluegrass.kctcs.edu/education-training/program-finder/respiratory-care.aspx)

**Student Name: Student ID:**

***Students must meet college readiness benchmarks as identified by the Council on Postsecondary Education or remedy the identified skill deficiencies.***

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| **This is a Selective Admissions program.****Mathematics plus Human Anatomy and Physiology I and II courses are prerequisites to the RCP courses.** |
| **Pre-Admission Requirements** | **Credit Hours** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| MA 111 Contemporary College Mathematics OR MAT 110 Applied Mathematics OR MAT 150 College Algebra | 3 |  |  |  |  |
| BIO 137 Human Anatomy and Physiology I | 4 |  |  |  |  |
| BIO 139 Human Anatomy and Physiology II  | 4 |  |  |  |  |
| **Total Pre-Admission Requirements Credit Hours** | **11** |  |  |  |  |

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| **First Semester** | **Cr. Hrs.** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| RCP 110 Cardiopulmonary Anatomy and Physiology  | 3 |  |  |  |  |
| RCP 121 Respiratory Care Practice I  | 1 |  |  | Coreq: RCP 122 |  |
| RCP 122 Fundamentals of Respiratory Care  | 4 |  |  |  |  |
| RCP 130 Pharmacology  | 3 |  |  | Coreq: RCP 110 |  |
| ENG 101 Writing  | 3 |  |  |  |  |
| **Total Semester Credit Hours** | **14** |  |  |  |

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| **Second Semester** | **Cr. Hrs.** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| RCP 140 Cardiopulmonary Assessment | 2 |  |  | RCP 110, RCP 122 and RCP 130 | RCP 140 and 176 are taught in the 1st 8-weeks. |
| RCP 176 Respiratory Care Practice II  | 2 |  |  |
| RCP 185 Introduction to Mechanical Ventilation  | 2 |  |  | RCP 140 and RCP 176 | RCP 185 and 201 are taught in the 2nd 8-weeks. |
| RCP 201 Respiratory Care Practice III  | 2 |  |  |
| Oral Communications course  | 3 |  |  |  |  |
| Social and Behavioral Sciences course  | 3 |  |  |  |  |
| **Total Semester Credit Hours** | **14** |  |  |  |

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| **Third Semester** | **Cr. Hrs.** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| RCP 195 Patient-Ventilator Management  | 4 |  |  | RCP 185 and RCP 201 |  |
| RCP 210 Cardiopulmonary Pathophysiology  | 3 |  |  | RCP 110 |  |
| RCP 212 Neonatal/Pediatric Respiratory Care  | 3 |  |  | RCP 185 and RCP 201 |  |
| RCP 226 Respiratory Care Practice IV  | 4 |  |  | RCP 176 and RCP 185 |  |
| Digital Literacy course | 0 – 3 |  |  |  | Demonstrated by course or competency exam |
| **Total Semester Credit Hours** | **14 – 17** |  |  |  |

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| **Fourth Semester** | **Cr. Hrs.** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| RCP 228 Preventive and Long-Term Respiratory Care  | 2 |  |  | RCP 110 |  |
| RCP 245 Advanced Cardiac Life Support | 2 |  |  |  |  |
| RCP 240 Advanced Cardiopulmonary Evaluation  | 3 |  |  | RCP 195, RCP 210, RCP 212 and RCP 226 |  |
| RCP 251 Respiratory Care Practice V  | 4 |  |  |  |
| RCP 260 Respiratory Care Seminar  | 1 |  |  | RCP 195, 210, 212 & 225 |  |
| Heritage or Humanities course | 3 |  |  |  |  |
| **Total Semester Credit Hours** | **15** |  |  |  |
| **Total Degree Credit Hours** | **68 – 71** |  |  |  |

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| * **25% or more of Total Degree Credit Hours must be earned at BCTC**
* **Cumulative GPA must be 2.0 or higher**
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**Graduation Requirements:**

**Advisor Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisor Contact \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Additional Information** |
| The Respiratory Care program is a selective admissions program which admits initial admission only in the Fall semester. See the program website at <https://bluegrass.kctcs.edu/admissions/selective-admissions/respiratory-care.aspx> for selective admission information and mandatory pre-admission conference dates. The deadline for application to the Respiratory Care program is February 15. A grade of C or higher in all Respiratory Care courses is required to continue in the program.It is recommended that students complete as many, if not all, of the general education and digital literacy requirements before beginning the Respiratory Care courses.Additional recommended (not required) courses: ENG 102 Writing II AHS 115 or CLA 131 or MIT 103 Medical Terminology BIO 226 Principles of Microbiology |

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| **Embedded Credentials** |
| **Credential** | **Title** | **Requirements** | **Total Credit Hours** |
| Certificate | Electrocardiographic and Cardiac Monitoring Technician | BIO 137, BIO 139, MA 111 or MAT 110 or MAT 150, RCP 110, RCP 121, RCP 140 | 17 |

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| * **25% or more of Total Certificate Credit Hours must be earned at BCTC**
* **Grade of C or higher in each course required for certificate**
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**Certificate Requirements:**