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**(DMS) Cardiac Sonography Track (CIP 510910708)**

**Credential (AAS)**

**Credential (Certificate, Diploma, AAS)**

**Program Coordinator: Saretta Craft E-mail: Saretta.craft@kctcs.edu Phone: (859) 246-6553**

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

**Student Name: Student ID:**

***Students need to be at KCTCS placement levels for all courses***

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| **Pre-Admission Requirements (if applicable)** |
| **First Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| ENG 101 Writing I | 3 |  |  |  |
| MAT 150 College Algebra or higher math course | 3 |  |  |  |
| Heritage/Humanities | 3 |  |  |  |
| Social/Behavioral Sciences | 3 |  |  |  |
| BIO 135 Basic Anatomy & Physiology w/ Lab  **OR** | (4) |  |  |  |
| BIO 137 Human Anatomy & Physiology w/ Lab **AND** ***(preferred)*** | 4 |  |  | See Selective Admissions criteria |
| BIO 139 Human Anatomy & Physiology II ***(preferred)*** | 4 |  |  | See Selective Admissions criteria |
| PHY 151 Introductory Physics I **OR** | 3 |  |  |  |
| PHY 152 Introductory Physics II  **OR** | (3) |  |  |  |
| PHY 171 Applied Physics ***(preferred)*** | (4) |  |  | See Selective Admissions criteria |
| AHS 120 Medical Terminology | 1 |  |  |  |
| Digital Literacy | (0-3) |  |  |  |
| NAA 100 Nursing Assistant Skills\*  **OR** | 0-3 |  |  | \*Meet Program Coordinator for exceptions |
| MNA 100 Medicaid Nurse Aid\*  **AND** | (0-3) |  |  | \*Meet Program Coordinator for exceptions |
| CPR 100 CPR for Healthcare Professionals  **OR** | (0-1) |  |  | American Heart Association certification |
| HST 104 Healthcare Basic Skills I w/ Clinical | (0-3) |  |  | \*Meet Program Coordinator for exceptions |
| **NOTE: ALL ABOVE REQUIREMENTS MUST BE MET WITH “C” MINIMUM GRADE BEFORE ENROLLING IN ANY DMS COURSES** |
| **ATTEND ONE PROGRAM CONFERENCE MEETING** | SEE DATES ON DMS WEBSITE |

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| **First Semester - Fall** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| DMS 146 Cardiac Techniques I | 12 |  |  | Minimum “C” grade required in **ALL** courses |
| DMS 147 Cardiac Clinical Education I | 1 |  |  |  |
| **Total Semester Credit Hours** | **13** |  |  |  |

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| **Second Semester - Spring** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| DMS 119 Ultrasonic Physics and Instrumentation | 6 |  |  |  |
| DMS 207 Cardiac Techniques II | 7 |  |  |  |
| DMS 247 Cardiac Clinical Education II | 2 |  |  |  |
| **Total Semester Credit Hours** | **15** |  |  |  |

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| **Third Semester – Summer 10-wk term** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| DMS 199 Online Physics Review  | 1 |  |  |  |
| DMS 248 Cardiac Clinical Education III | 6 |  |  |  |
| **Total Semester Credit Hours** | **7** |  |  |  |

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| **Fourth Semester - Fall** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| DMS 216 Cardiac Techniques III | 3 |  |  |  |
| DMS 246 Cardiac Review | 1 |  |  |  |
| DMS 249 Cardiac Clinical Education IV | 8 |  |  |  |
| **Total Semester Credit Hours** | **12** |  |  |  |
| **Total Credential Hours** | **60-63** |  |  |  |

***Note: 25% of Total Program Credit Hours must be earned at Bluegrass Community and Technical College.***

**Advisor Name: Advisor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Student Name: Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Special Instructions:** |
| This is a Selective Admissions program; see details on website.Applicant MUST attend ONE program conference; dates on website.CPR certification by American Heart Association MUST be completed prior to start of Sonography program and kept current throughout the program.See Program Coordinator for any questions. |