

# AAS IN RADIOLOGICAL TECHNOLOGY TO BACHELOR OF RADIOLOGIC AND IMAGING SCIENCES TECHNOLOGY DEGREE (BRIT) DIAGNOSTIC MEDICAL SONOGRAPHY CONCENTRATION FOR AAS RADIOLOGIC TECHNOLOGY GRADUATES

Kent State's Diagnostic Medical Sonography Concentration is Offered On-Ground at the Salem Campus

| Course Subject and Title  | Credit Hours | Upper Division | Notes on Transfer Coursework to Kent State |
|---|--------------|----------------|--|
| <b>Semester One: [15 Credit Hours] Eastern Gateway Community College</b>                            |              |                |  |
| CSS106 Succeeding in College  | 1            |                | TRAN 1X000                                 |
| RAD102 Radiographic Procedures I  | 4            |                | RADT 14006 + RADT 14021                    |
| RAD103 Directed Practice I  | 1            |                | RADT 14005                                 |
| RAD104 Methods of Patient Care/Intro to Radiology   | 3            |                | RADT 14003 + 14016                         |
| BIO107 Human Anatomy and Physiology I   | 4            |                | BSCI 21010 (KBS, KLAB)                     |
| HSC101 Medical Terminology  | 2            |                | HED 14020                                  |
| <b>Semester Two: [18 Credit Hours] Eastern Gateway Community College</b>                            |              |                |  |
| RAD105 Radiography I  | 4            |                | RADT 14018 + RADT 14034                    |
| RAD106 Radiographic Procedures II   | 5            |                | RADT 14024                                 |
| RAD107 Directed Practice II   | 2            |                | RADT 14015                                 |
| ENG101 English Composition I  | 3            |                | ENG 11011 (KCP1)                           |
| BIO108 Human Anatomy and Physiology II  | 4            |                | BSCI 21020                                 |
| <b>Summer [6 Credit Hours] Eastern Gateway Community College</b>                                    |              |                |  |
| RAD108 Directed Practice III  | 3            |                | RADT 14025                                 |
| MTH128 Statistics   | 3            |                | MATH 10041 (KMCR)                          |
| <b>Semester Three: [11 Credit Hours] Eastern Gateway Community College</b>                          |              |                |  |
| RAD201 Radiography II   | 3            |                | RADT 24014 + 24008                         |
| RAD202 Radiographic Physics   | 2            |                | RADT 24016                                 |
| RAD203 Directed Practice IV   | 3            |                | RADT 24015                                 |
| COM101 Public Speaking  | 3            |                | COMM 15000 (KADL)                          |
| <b>Semester Four: [12 Credit Hours] Eastern Gateway Community College</b>                           |              |                |  |
| RAD204 Radiography III  | 3            |                | RADT 24028 + 24048                         |
| RAD205 Directed Practice V  | 3            |                | RADT 24025                                 |
| SOC205 Social Problems  | 3            |                | SOC 22778 (KSS) (DIVG)                     |
| MGT202 Organizational Behavior  | 3            |                | BMRT 2X000                                 |
| <b>62 Total Credit Hours to Graduate with the AAS Degree from Eastern Gateway Community College</b> |              |                |  |

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|--|--------------|----------------|--|
| <b>Semester Five: [15-16 Credit Hours] Kent State University</b>   |              |                |  |
| CHEM 10050 Fundamentals of Chemistry<br>or CHEM 10055 Molecules of Life  | 3            |                | (KBS)                                      |
| MATH 11009 Modeling Algebra<br>or MATH 11010 Algebra for Calculus  | 3-4          |                | @ (KMCR) MTH120 equates to MATH 11010      |
| PSYC 11762 General Psychology  | 3            |                | @ (DIVD) (KSS) PSY101                      |
| ENG 21011 College Composition II   | 3            |                | @ (KCP2) ENG102                            |
| Kent Core Arts & Humanities*   | 3            |                | @ (KHUM/KFA)                               |
| <b>Semester Six: [14 Credit Hours] Kent State University</b>   |              |                |  |
| RIS 34040 Patient Management in Diagnostic Medical Sonography  | 3            | ■              |  |
| RIS 34042 Abdominal Sonography I   | 3            | ■              |  |
| RIS 34044 Ultrasound Physics and Instrumentation   | 3            | ■              |  |
| RIS 34045 Ultrasound Clinical Education I  | 2            | ■              |  |
| RIS 34083 Sectional Anatomy in Medical Imaging   | 3            | ■              |  |
| <b>Semester Seven: [16 Credit Hours] Kent State University</b>   |              |                |  |
| RIS 34052 Abdominal Sonography II  | 3            | ■              |  |
| RIS 34060 Ultrasound Clinical Education II   | 4            | ■              |  |
| RIS 34062 Obstetrics and Gynecology Sonography I   | 3            | ■              |  |
| RIS 44083 Pathophysiology for Medical Imaging  | 3            | ■              |  |
| RIS 44098 Research in Medical Imaging (ELR) (WIC)  | 3            | ■              |  |
| <b>Semester Eight: [11 Credit Hours] Kent State University</b>   |              |                |  |
| RIS 34075 Ultrasound Clinical Education III  | 2            | ■              |  |
| RIS 34072 Superficial Structures Sonography  | 2            | ■              |  |
| RIS 44072 Obstetrics and Gynecology Sonography II  | 3            | ■              |  |
| RIS 44084 Ultrasound Image Evaluation  | 1            | ■              |  |
| Kent Core Arts & Humanities*   | 3            |                | @ (KHUM/KFA)                               |
| <b>Semester Nine: [9 Credit Hours] Kent State University</b>   |              |                |  |
| RIS 44074 Vascular Sonography  | 2            | ■              |  |
| RIS 44076 Ultrasound Clinical Education IV   | 4            | ■              |  |
| Kent Core Arts & Humanities*   | 3            |                | @ (KHUM/KFA)                               |
| <b>127 - 128 Total Credit Hours to Graduate with the BRIT, including transfer coursework, from Kent State University</b> |              |                |  |

@ Course may be taken at Eastern Gateway Community College and transferred to Kent State. However, please be aware of [Kent State's residence policy](#), which can be found in the Kent State University Catalog.

\* Minimum one course must be selected from the Humanities in Arts and Sciences area (KHUM), and minimum one course must be selected from the Fine Arts area (KFA)

To be able to register for Radiologic and Imaging Sciences (RIS) courses, students must be accepted to technical study. Acceptance to technical study is a selective process due to the limited number of students approved for each clinical education setting. Criteria for acceptance are the following:

- Completion of required non-radiologic and imaging sciences (RIS) courses, e.g., anatomy and physiology, chemistry, mathematics, medical terminology, physics, psychology, Kent Core courses
- Minimum 2.750 overall GPA
- Completion of job shadowing as directed in the Diagnostic Medical Sonography Information Packet found on the program website
- Completion of the interview process for those who meet program admission requirements
- Applicants should contact the program director of the diagnostic medical sonography program for advising

Requirements to graduate with the BS degree program: To graduate, students must have minimum 120 credit hours, 39 upper-division credit hours of coursework, a minimum 2.00 major GPA and minimum 2.00 cumulative GPA. They must also fulfill an approved experiential learning experience, a two-course diversity requirement (domestic and global), complete a writing intensive course with a minimum C (2.000) grade. More specific graduation requirement information can be found in the Academic Policies section of the Kent State University Catalog ([www.kent.edu/catalog](http://www.kent.edu/catalog)).

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It is recommended that students intending to pursue the Bachelor of Science in Respiratory Care through Kent State University consult with academic advisors at both Eastern Gateway Community College and Kent State University.

## **Contact Information:**

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