Roadmap: Radiologic Technology - Associate of Applied Science
[RE-AAS-RADT]
Regional College
Catalog Year: 2013-2014

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designated as critical (in boldface and shaded areas) must be completed in the semester listed to ensure a timely graduation.

<table>
<thead>
<tr>
<th>Course Subject and Title</th>
<th>Credit Hours</th>
<th>Min. Grade</th>
<th>Major GPA</th>
<th>Important Notes</th>
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</thead>
<tbody>
<tr>
<td><strong>Semester One: [8 Credit Hours]</strong></td>
<td></td>
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<tr>
<td>RADA 14003 Introduction to Radiologic Technology</td>
<td>2</td>
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<tr>
<td>RADA 14005 Clinical Education I</td>
<td>1</td>
<td>C</td>
<td>■</td>
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<tr>
<td>RADA 14006 Radiographic Procedures I</td>
<td>1</td>
<td>C</td>
<td>■</td>
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<tr>
<td>HED 14020 Medical Terminology</td>
<td>3</td>
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<tr>
<td>US 10097 Destination Kent State: First Year Experience</td>
<td>1</td>
<td>Not required of transfer students with 25 credits</td>
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<td><strong>Semester Two: [15 Credit Hours]</strong></td>
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<tr>
<td>RADA 14015 Clinical Education II</td>
<td>3</td>
<td>C</td>
<td>■</td>
<td></td>
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<tr>
<td>RADA 14018 Radiographic Exposure and Imaging I</td>
<td>2</td>
<td>C</td>
<td>■</td>
<td></td>
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<tr>
<td>RADA 14021 Radiographic Procedures II</td>
<td>4</td>
<td>C</td>
<td>■</td>
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<tr>
<td>BSCI 11010 Anatomy and Physiology I for Allied Health (3)</td>
<td>3</td>
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<td>See notes 1 and 2 on page 2; fulfills Kent Core Basic Sciences</td>
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<tr>
<td>RADA 14016 Patient Care Management</td>
<td>3</td>
<td>C</td>
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<td><strong>Semester Three: [16 Credit Hours]</strong></td>
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<tr>
<td>RADA 14022 Radiographic Exposure and Imaging II</td>
<td>3</td>
<td>C</td>
<td>■</td>
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<tr>
<td>RADA 14024 Radiographic Procedures III</td>
<td>4</td>
<td>C</td>
<td>■</td>
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<tr>
<td>RADA 14025 Clinical Education III</td>
<td>3</td>
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<tr>
<td>BSCI 11020 Anatomy and Physiology II for Allied Health</td>
<td>3</td>
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<td>See notes 1 and 2 on page 2; take only if BSCI 11010 was chosen in previous semester; fulfills Kent Core Basic Sciences</td>
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<tr>
<td>CHEM 10050 Fundamentals of Chemistry</td>
<td>3</td>
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<td>Fulfills Kent Core Additional for bachelor's degree</td>
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<td><strong>Semester Four: [9 Credit Hours]</strong></td>
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<td>RADA 14075 Clinical Education IV</td>
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<td>Kent Core Requirement</td>
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<td>See Kent Core Summary</td>
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<tr>
<td>Kent Core Requirement</td>
<td>3</td>
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<td><strong>Semester Five: [16 Credit Hours]</strong></td>
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<td>RADA 24008 Radiobiology and Radiation Protection</td>
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<tr>
<td>RADA 24014 Advanced Imaging</td>
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<tr>
<td>RADA 24015 Clinical Education V</td>
<td>3</td>
<td>C</td>
<td>■</td>
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<tr>
<td>MATH 11009 Modeling Algebra or MATH 11010 Algebra for Calculus</td>
<td>3-4</td>
<td></td>
<td></td>
<td>Students who plan to apply to the bachelor's degree in Radiation Therapy concentration within the Radiologic Imaging Sciences major should take MATH 11010; enrollment based on placement test; fulfills Kent Core Mathematics and Critical Reasoning</td>
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<tr>
<td>RADA 24006 Radiologic Physics</td>
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<td>C</td>
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<tr>
<td><strong>Semester Six: [9 Credit Hours]</strong></td>
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<tr>
<td>RADA 24028 Radiologic Pathology</td>
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<td>C</td>
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<td>RADA 24025 Clinical Education VI</td>
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<td>C</td>
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<tr>
<td>PSYC 11762 General Psychology</td>
<td>3</td>
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<td>Fulfills Kent Core Social Sciences</td>
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</tbody>
</table>

**Graduation Requirements Summary**

<table>
<thead>
<tr>
<th>Minimum Total Hours</th>
<th>Minimum Major GPA</th>
<th>Overall GPA</th>
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<tbody>
<tr>
<td>73</td>
<td>2.000</td>
<td>2.000</td>
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Kent Core Summary (visit [www.kent.edu/catalog/kent-core](http://www.kent.edu/catalog/kent-core) for course list)

<table>
<thead>
<tr>
<th>Kent Core Categories</th>
<th>Important Notes</th>
<th>Remaining Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>Composition (3 credit hours)</td>
<td>Enrollment based on placement test</td>
<td>3</td>
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<tr>
<td>ENG 11002, 11011, 21011; HONR 10197, 10297</td>
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<tr>
<td>Mathematics and Critical Reasoning (3-5 credit hours)</td>
<td>Fulfilled in this major with MATH 11009 or MATH 11010</td>
<td>0</td>
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<tr>
<td>Humanities and Fine Arts (3 credit hours)</td>
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<td>3</td>
</tr>
<tr>
<td>Social Sciences (3 credit hours)</td>
<td>Fulfilled in this major with PSYC 11762</td>
<td>0</td>
</tr>
<tr>
<td>Basic Sciences (3 credit hours)</td>
<td>Fulfilled in this major with BSCI 20020; or BSCI 11010 and 11020</td>
<td>0</td>
</tr>
</tbody>
</table>

Note 1: Students on the Ashtabula Campus may take BSCI 11010 and 11020 before being admitted into the program; students on the Salem Campus must take those courses after being admitted into the program.

Note 2: BSCI 11010 and BSCI 11020 Anatomy and Physiology for Allied Health I and II are the preferred courses for radiologic technology. Students who have completed BSCI 20020, Structure and Function or ATTR/EXSC 25057/25058 Human Anatomy and Physiology I/II may use these courses in place of BSCI 11010/11020, but it must have been completed within the past five years.