

## Roadmap: Diagnostic Medical Sonography – Associate of Technical Study

[RE-ATS-DMSO] Regional College

Catalog Year: 2011-2012

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.

Course Subject and Title	Credit Hours	Min. Grade	Important Notes
Pre-Major: [32 Credit Hours]			
Credits awarded on the basis of certification	32		32 credit hours are awarded on the basis of certification by the American Registry of Radiologic Technologists in Diagnostic Medical Sonography.
Semester One: [13 Credit Hours]			
US 10097 Destination Kent State: First Year Experience	1		Not required of transfer students with 25 credits
Basic Sciences*, Mathematics**, Computer Technology	6		See note below
Kent Core Composition	3		Enrollment based on placement test
Kent Core Social Sciences	3		
Semester Two: [12 Credit Hours]			
Basic Sciences*, Mathematics**, Computer Technology	6		See note below
Kent Core Humanities and Fine Arts	3		
Kent Core Social Sciences	3		
Semester Three: [9 Credit Hours]			
Kent Core Composition	3		
Basic Sciences*, Mathematics**, Computer Technology	3		See note below
Kent Core Social Sciences	3		

## **Graduation Requirements Summary**

Minimum Total Hours	Minimum
	Overall GPA
66	2.0

Kent Core Summary (for students planning to pursue a baccalaureate program)

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Kent Core Categories	Important Notes	
Composition (6-8 credit hours) ENG 11002, 11011, 21011; HONR 10197, 10297		
Mathematics and Critical Reasoning (3-5 credit hours)	Enrollment based on placement test	
Humanities and Fine Arts (9 credit hours)  Minimum one course from humanities in Arts and Sciences and minimum one course from fine arts		
Social Sciences (6 credit hours) Must be selected from two curricular areas		
Basic Sciences (6-7 credit hours) Must include one laboratory		
Additional (6 credit hours)  Must be selected from two Kent Core categories		

Notes: \*Up to six semester hours of RADT 14096 or 24196, Individual Investigation, may be used for this requirement.

\*\*MATH 10006 Basic Algebra I and II, and MATH 10007 Basic Algebra III and IV; MATH 10020 through 10024 Basic Algebra I-IV cannot be included in this section.

Recommended courses:

CHEM 10030 Chemistry in Our World (3)-Fulfills Kent Core Basic Sciences

CHEM 10050 Fundamentals of Chemistry (3)-Fulfills Kent Core Basic Sciences

COMT 11000 Introduction to Computer Systems (3)

MATH 11009 Modeling Algebra (4)-fulfills Kent Core Mathematics and Critical Reasoning

Coursework may be pursued at any Regional Campus, but students must be advised by the director of radiologic technology, housed at the Salem Campus.