

**Alegent Health School Of Radiologic Technology
Academic Curriculum
2008-2009**

First Semester			
Course #	Course	Contact Hours/Week	Credit Hours Earned
RAD 110	Fundamentals of Radiologic Tech	0.5	0.5
RAD 120	Patient Care/Management	2.0	2.0
RAD 140	Radiation Protection I	2.0	2.0
IMA 110	Imaging I	2.0	2.0
IMA 130	Radiation Physics I	2.0	2.0
ANA 110	Anatomy & Physiology	2.0	2.0
POS 110	Radiographic Positioning I & Lab	4.0	3.0
RAD 190	Clinical Education I	24.0	11.0
			24.5

Third Semester			
Course #	Course	Contact Hours/Week	Credit Hours Earned
IMA 310	Imaging II & Film Critique	2.0	2.0
IMA 330	Radiation Physics & Equipment	2.0	2.0
IMA 340	Pathology	2.0	2.0
ANA 310	Anatomy & Physiology	2.0	2.0
POS 310	Positioning III and Lab	4.0	3.0
POS 320	Special Procedures II	1.0	1.0
RAD 340	Ethics & Law	1.0	1.0
RAD 350	Radiation Biology	1.0	1.0
RAD 360	Critical Thinking	1.0	1.0
RAD 390	Clinical Education III	24.0	11.0
			26.0

Second Semester			
Course #	Course	Contact Hours/Week	Credit Hours Earned
RAD 220	Patient Care/Management	2.0	2.0
RAD 240	Radiation Protection I	2.0	2.0
IMA 210	Imaging I	2.0	2.0
IMA 230	Radiation Physics I	2.0	2.0
IMA 250	Quality Assurance	1.0	1.0
ANA 210	Anatomy & Physiology	2.0	2.0
POS 210	Radiographic Positioning II & Lab	4.0	3.0
POS 220	Special Procedures I	1.0	1.0
RAD 290	Clinical Education II	24.0	11.0
			26.0

Fourth Semester			
Course #	Course	Contact Hours/Week	Credit Hours Earned
IMA 410	Imaging II & Film Critique	2.0	2.0
IMA 430	Radiation Physics & CT	2.0	2.0
IMA 440	Pathology	2.0	2.0
ANA 410	Cross-Sectional Anatomy	1.0	1.0
POS 410	Positioning IV & Lab	4.0	3.0
RAD 430	Pharmacology	1.0	1.0
RAD 440	Ethics & Law	1.0	1.0
RAD 450	Radiation Biology	1.0	1.0
RAD 470	Research Projects	1.0	1.0
RAD 490	Clinical Education IV	24.0	11.0
			25.0

Total Program Hours	
Subtotal of Credit Hours Earned	101.5
Pre-requisite Hours	<u>22.0</u>
Total Program Hours	123.5