

## **Market Analysis for Radiologic Technology**

*Prepared by the Office of Research  
Teaming to Serve Research Needs of the College  
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## Introduction

There are nine local two-year colleges that compete with Harper College's Radiologic Technology program. Included in this report is a list of competitor colleges that offer a similar program. In addition, local, state, and national employment projections and wage data for related positions are provided. The list of competitor colleges within a 50 mile radius was obtained through the IPEDS – COOL website (<http://www.nces.ed.gov/ipeds/cool>) and college-specific program information was obtained from each identified college's website.

**Table 1: Radiologic Technology Competitor Colleges (within 50 mile radius)**

Major Competitor	Length of Program	Credit hour
Malcolm X College (City College of Chicago) – Chicago, IL	<b>AAS</b> – Radiologic Technologist/Radiographer, 89 credits.	\$72/credit; \$189.95/credit (out-of-district)
Wilbur Wright College (City College of Chicago) – Chicago, IL	<b>AAS</b> – Radiography, 75 credits.	\$72/credit; \$189.95/credit (out-of-district)
College of DuPage – Glen Ellyn, IL	<b>AAS</b> – Diagnostic Medical Imaging Radiography, 74 credits. <b>Certificate</b> – Diagnostic Medical Imaging Nuclear Medicine, 40 credits. <b>Advanced Certificate</b> – Diagnostic Medical Imaging Radiation Therapy Technology, 39 credits.	\$103/credit; \$292/credit (out-of-district)
College of Lake County – Grayslake, IL	<b>AAS</b> – Medical Imaging, 69 credits. <b>Certificate</b> – Computed Tomography, 15 credits. <b>Certificate</b> – Magnetic Resonance Imaging, 15 credits.	\$90/credit; \$215/credit (out-of-district)
Elgin Community College – Elgin, IL	<b>AAS</b> – Radiography, 72 credits.	\$91/credit; \$359.30/credit (out-of-district)
Kishwaukee College – Malta, IL	<b>AAS</b> – Radiologic Technology, 69 credits.	\$75/credit; \$261.49/credit (out-of-district)
Moraine Valley Community College – Palos Hills, IL	<b>AAS</b> – Radiologic Technology, 67 credits.	\$72/credit; \$204/credit (out-of-district)
South Suburban College – South Holland, IL	<b>AAS</b> – Radiologic Technology, 72 credits. <b>Certificate</b> – Magnetic Resonance Imaging, 19 credits.	\$103.75/credit; \$281.75/credit (out-of-district)
Triton College – River Grove, IL	<b>AAS</b> – Nuclear Medicine Technology, 72-73 credits. <b>AAS</b> – Radiology Technology, 72-74 credits.	\$61/credit; \$179.80/credit (out-of-district)

**Table 2: Radiologic Technology Employment Projections**

<b>Chicago PMSA*</b>		<b>Employment</b>		<b>Employment Change</b>		<b>Average Yearly Job Openings</b>		
<b>SOC CODE</b>	<b>Occupational Title</b>	<b>2004 Number</b>	<b>2014 Number</b>	<b>2004 – 2014 Number</b>	<b>% Change</b>	<b>Due to New</b>	<b>Due to Replacements</b>	<b>Average Yearly Total</b>
29-1124	Radiation Therapists	423	475	52	12.25	5	10	15
29-2033	Nuclear Medicine Technologists	882	1,201	320	36.26	32	16	48
29-2034	Radiologic Technologists and Technicians	4,136	4,756	620	14.98	62	77	139
<b>Cook County*</b>		<b>Employment</b>		<b>Employment Change</b>		<b>Average Yearly Job Openings</b>		
<b>SOC CODE</b>	<b>Occupational Title</b>	<b>2004 Number</b>	<b>2014 Number</b>	<b>2004 – 2014 Number</b>	<b>% Change</b>	<b>Due to New</b>	<b>Due to Replacements</b>	<b>Yearly Total</b>
29-1124	Radiation Therapists	335	372	37	10.93	4	8	12
29-2033	Nuclear Medicine Technologists	633	845	212	33.54	21	12	33
29-2034	Radiologic Technologists and Technicians	3,199	3,615	416	13.01	42	60	102
<b>DuPage County*</b>		<b>Employment</b>		<b>Employment Change</b>		<b>Average Yearly Job Openings</b>		
<b>SOC CODE</b>	<b>Occupational Title</b>	<b>2004 Number</b>	<b>2014 Number</b>	<b>2004 – 2014 Number</b>	<b>% Change</b>	<b>Due to New</b>	<b>Due to Replacements</b>	<b>Yearly Total</b>
29-1124	Radiation Therapists	40	49	9	22.02	1	1	2
29-2033	Nuclear Medicine Technologists	126	185	59	46.98	6	2	8
29-2034	Radiologic Technologists and Technicians	471	597	127	26.91	13	9	22

\*Employment projections are from <http://www.ilworkinfo.com>

**Table 2: Continued**

<b>Lake County*</b>		<b>Employment</b>		<b>Employment Change</b>		<b>Average Yearly Job Openings</b>		
<b>SOC CODE</b>	<b>Occupational Title</b>	<b>2004 Number</b>	<b>2014 Number</b>	<b>2004 – 2014 Number</b>	<b>% Change</b>	<b>Due to New</b>	<b>Due to Replacements</b>	<b>Average Yearly Total</b>
29-1124	Radiation Therapists	26	31	5	19.93	1	1	2
29-2033	Nuclear Medicine Technologists	67	97	30	44.68	3	1	4
29-2034	Radiologic Technologists and Technicians	265	327	62	23.27	6	5	11
<b>McHenry County*</b>		<b>Employment</b>		<b>Employment Change</b>		<b>Average Yearly Job Openings</b>		
<b>SOC CODE</b>	<b>Occupational Title</b>	<b>2004 Number</b>	<b>2014 Number</b>	<b>2004 – 2014 Number</b>	<b>% Change</b>	<b>Due to New</b>	<b>Due to Replacements</b>	<b>Average Yearly Total</b>
29-1124	Radiation Therapists	8	9	1	12.56	0	0	0
29-2033	Nuclear Medicine Technologists	15	20	5	34.47	1	0	1
29-2034	Radiologic Technologists and Technicians	75	86	11	15.16	1	1	2
<b>Statewide*</b>		<b>Employment</b>		<b>Employment Change</b>		<b>Average Yearly Job Openings</b>		
<b>SOC CODE</b>	<b>Occupation Title</b>	<b>2004 Number</b>	<b>2014 Number</b>	<b>2004 – 2014 Number</b>	<b>% Change</b>	<b>Due to New</b>	<b>Due to Replacements</b>	<b>Average Yearly Total</b>
29-1124	Radiation Therapists	676	758	82	12.13	8	15	24
29-2033	Nuclear Medicine Technologists	1,283	1,718	435	33.90	44	24	67
29-2034	Radiologic Technologists and Technicians	6,567	7,565	998	15.20	100	123	222

\*Employment projections are from <http://www.ilworkinfo.com>

**Table 2: Continued**

National**		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2004 Number	2014 Number	2004 – 2014 Change	% Change	Due to New	Due to Replacements	Average Yearly Total***
29-1124	Radiation Therapists	14,791	18,676	3,885	26.3	N/A	N/A	1,000
29-2033	Nuclear Medicine Technologists	17,944	21,799	3,855	21.5	N/A	N/A	1,000
29-2034	Radiologic Technologists and Technicians	181,957	224,233	42,276	23.2	N/A	N/A	8,000

\*\*Employment projections are from <http://www.bls.gov>

\*\*\*Estimate of average yearly job opening due to new jobs and net replacement needs.

**Table 3: Radiologic Technology Wage Data**

<b>Chicago PMSA*</b>							
<b>SOC CODE</b>	<b>Occupational Title</b>	<b>Entry Wage</b>		<b>Median Wage</b>		<b>Experienced Wage</b>	
		<b>Hourly</b>	<b>Annual</b>	<b>Hourly</b>	<b>Annual</b>	<b>Hourly</b>	<b>Annual</b>
29-1124	Radiation Therapists	\$16.31	\$33,920	\$24.82	\$51,617	\$34.47	\$71,698
29-2033	Nuclear Medicine Technologists	\$23.69	\$49,274	\$32.45	\$67,496	\$36.08	\$75,042
29-2034	Radiologic Technologists and Technicians	\$15.56	\$32,371	\$22.27	\$46,322	\$25.75	\$53,567
<b>Cook County*</b>							
<b>SOC CODE</b>	<b>Occupational Title</b>	<b>Entry Wage</b>		<b>Median Wage</b>		<b>Experienced Wage</b>	
		<b>Hourly</b>	<b>Annual</b>	<b>Hourly</b>	<b>Annual</b>	<b>Hourly</b>	<b>Annual</b>
29-1124	Radiation Therapists	\$16.28	\$33,866	\$23.64	\$49,168	\$34.14	\$71,012
29-2033	Nuclear Medicine Technologists	\$21.94	\$45,629	\$27.24	\$56,649	\$30.65	\$63,746
29-2034	Radiologic Technologists and Technicians	\$15.09	\$31,393	\$21.90	\$45,554	\$25.68	\$53,415
<b>DuPage County*</b>							
<b>SOC CODE</b>	<b>Occupational Title</b>	<b>Entry Wage</b>		<b>Median Wage</b>		<b>Experienced Wage</b>	
		<b>Hourly</b>	<b>Annual</b>	<b>Hourly</b>	<b>Hourly</b>	<b>Annual</b>	<b>Hourly</b>
29-1124	Radiation Therapists	N/A	N/A	N/A	N/A	N/A	N/A
29-2033	Nuclear Medicine Technologists	N/A	N/A	N/A	N/A	N/A	N/A
29-2034	Radiologic Technologists and Technicians	\$19.27	\$40,081	\$24.69	\$51,350	\$27.73	\$57,660

\*State wage information from <http://www.ilworkinfo.com> (as of 1st quarter of 2006)

**Table 3: Continued**

<b>Lake County*</b>							
<b>SOC CODE</b>	<b>Occupational Title</b>	<b>Entry Wage</b>		<b>Median Wage</b>		<b>Experienced Wage</b>	
		<b>Hourly</b>	<b>Annual</b>	<b>Hourly</b>	<b>Hourly</b>	<b>Annual</b>	<b>Hourly</b>
29-1124	Radiation Therapists	N/A	N/A	N/A	N/A	N/A	N/A
29-2033	Nuclear Medicine Technologists	\$26.76	\$55,652	\$34.68	\$72,144	\$37.59	\$78,195
29-2034	Radiologic Technologists and Technicians	\$14.06	\$29,257	\$22.07	\$45,894	\$26.21	\$54,527
<b>McHenry County*</b>							
<b>SOC CODE</b>	<b>Occupational Title</b>	<b>Entry Wage</b>		<b>Median Wage</b>		<b>Experienced Wage</b>	
		<b>Hourly</b>	<b>Annual</b>	<b>Hourly</b>	<b>Annual</b>	<b>Hourly</b>	<b>Annual</b>
29-1124	Radiation Therapists	N/A	N/A	N/A	N/A	N/A	N/A
29-2033	Nuclear Medicine Technologists	N/A	N/A	N/A	N/A	N/A	N/A
29-2034	Radiologic Technologists and Technicians	\$17.35	\$36,079	\$24.00	\$49,914	\$25.94	\$53,957
<b>Statewide*</b>							
<b>SOC CODE</b>	<b>Occupational Title</b>	<b>Entry Wage</b>		<b>Median Wage</b>		<b>Experienced Wage</b>	
		<b>Hourly</b>	<b>Annual</b>	<b>Hourly</b>	<b>Hourly</b>	<b>Annual</b>	<b>Hourly</b>
29-1124	Radiation Therapists	\$16.54	\$34,416	\$27.28	\$56,743	\$33.54	\$69,760
29-2033	Nuclear Medicine Technologists	\$23.56	\$49,000	\$31.61	\$65,731	\$35.27	\$73,371
29-2034	Radiologic Technologists and Technicians	\$15.09	\$31,389	\$21.20	\$44,090	\$24.86	\$51,705

\*State wage information from <http://www.ilworkinfo.com> (as of 1st quarter of 2006)

**Table 3: Continued**

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**National\*\***

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<b>SOC CODE</b>	<b>Occupational Title</b>	<b>Median Hourly</b>	<b>Mean Hourly</b>	<b>Mean Annual</b>	<b>Mean RSE***</b>
29-1124	Radiation Therapists	\$31.81	\$32.49	\$67,580	1.2%
29-2033	Nuclear Medicine Technologists	\$29.95	\$30.29	\$63,000	0.4%
29-2034	Radiologic Technologists and Technicians	\$23.16	\$23.71	\$49,320	0.4%

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\*\*National wage information from <http://www.bls.gov> (as of May 2006)

\*\*\*RSE – Relative Standard Error