

Market Analysis for Cardiac Technology

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

There are two local two-year colleges that compete with Harper College’s Cardiac 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: Cardiac Technology Competitor Colleges (within 50 mile radius)

Major Competitor	Length of Program	Credit hour
College of DuPage – Glen Ellyn, IL	Certificate – Diagnostic Medical Imaging Vascular Sonography, 27 credits. Certificate – Phlebotomy/EKG, 12 credits. Certificate – Non-Invasive Electrocardiography, 10 credits.	\$103/credit; \$292/credit (out-of-district)
Joliet Junior College – Joliet, IL	Certificate – Electrocardiography Technician, 10.5 credits.	\$76/credit; \$232.77/credit (out-of-district)

Table 2: Cardiac Technology Employment Projections

Chicago PMSA*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2004 Number	2014 Number	2004 – 2014 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
29-2031	Cardiovascular Technologists and Technicians	1,159	1,320	161	13.90	16	22	38
29-2032	Diagnostic Medical Sonographers	1,021	1,222	200	19.61	20	19	39
Cook County*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2004 Number	2014 Number	2004 – 2014 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
29-2031	Cardiovascular Technologists and Technicians	935	1,056	121	12.89	12	17	29
29-2032	Diagnostic Medical Sonographers	792	929	136	17.21	14	15	29
DuPage County*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2004 Number	2014 Number	2004 – 2014 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
29-2031	Cardiovascular Technologists and Technicians	105	128	23	21.77	2	2	4
29-2032	Diagnostic Medical Sonographers	118	158	41	34.44	4	2	6
Lake County*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2004 Number	2014 Number	2004 – 2014 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
29-2031	Cardiovascular Technologists and Technicians	72	86	14	18.93	1	1	2
29-2032	Diagnostic Medical Sonographers	64	84	19	30.12	2	1	3

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

Table 2: Continued

McHenry County*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2004 Number	2014 Number	2004 – 2014 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
29-2031	Cardiovascular Technologists and Technicians	21	24	3	16.61	0	0	0
29-2032	Diagnostic Medical Sonographers	18	22	4	19.93	0	0	0
Statewide*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupation Title	2004 Number	2014 Number	2004 – 2014 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
29-2031	Cardiovascular Technologists and Technicians	1,842	2,103	261	14.17	26	34	61
29-2032	Diagnostic Medical Sonographers	1,617	1,942	325	20.10	33	30	63
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***
29-2031	Cardiovascular Technologists and Technicians	44,886	59,502	14,616	32.6	N/A	N/A	2,000
29-2032	Diagnostic Medical Sonographers	42,270	56,970	14,700	34.8	N/A	N/A	2,000

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

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

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

Table 3: Cardiac Technology Wage Data

Chicago PMSA*							
SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Annual	Hourly	Annual
29-2031	Cardiovascular Technologists and Technicians	\$12.60	\$26,203	\$17.55	\$36,504	\$22.69	\$47,188
29-2032	Diagnostic Medical Sonographers	\$23.11	\$48,066	\$27.30	\$56,783	\$30.48	\$63,402
Cook County*							
SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Annual	Hourly	Annual
29-2031	Cardiovascular Technologists and Technicians	\$12.94	\$26,921	\$17.71	\$36,828	\$22.85	\$47,536
29-2032	Diagnostic Medical Sonographers	\$22.77	\$47,360	\$27.19	\$56,561	\$30.40	\$63,233
DuPage County*							
SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Hourly	Annual	Hourly
29-2031	Cardiovascular Technologists and Technicians	\$13.81	\$28,711	\$19.71	\$41,005	\$24.41	\$50,768
29-2032	Diagnostic Medical Sonographers	\$25.82	\$53,706	\$31.25	\$65,003	\$34.59	\$71,952
Lake County*							
SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Hourly	Annual	Hourly
29-2031	Cardiovascular Technologists and Technicians	\$14.12	\$29,377	\$21.21	\$44,118	\$26.66	\$55,471
29-2032	Diagnostic Medical Sonographers	N/A	N/A	N/A	N/A	N/A	N/A

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

Table 3: Continued

McHenry County*							
SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Annual	Hourly	Annual
29-2031	Cardiovascular Technologists and Technicians	N/A	N/A	N/A	N/A	N/A	N/A
29-2032	Diagnostic Medical Sonographers	N/A	N/A	N/A	N/A	N/A	N/A
Statewide*							
SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Hourly	Annual	Hourly
29-2031	Cardiovascular Technologists and Technicians	\$12.53	\$26,062	\$17.86	\$37,151	\$23.06	\$47,972
29-2032	Diagnostic Medical Sonographers	\$22.38	\$46,552	\$26.37	\$54,848	\$29.25	\$60,825
National**							
SOC CODE	Occupational Title	Median Hourly	Mean Hourly	Mean Annual	Mean RSE***		
29-2031	Cardiovascular Technologists and Technicians	\$20.34	\$21.15	\$43,990	0.6%		
29-2032	Diagnostic Medical Sonographers	\$27.48	\$27.94	\$58,110	0.4%		

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

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

***RSE – Relative Standard Error