

## **Market Analysis for Emergency Medical Services**

*Prepared by the Office of Research  
Teaming to Serve Research Needs of the College  
August 29, 2007*

## Introduction

There are 13 local two-year colleges that compete with Harper College's Emergency Medical Services 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: Emergency Medical Services 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> – Paramedic, 60-75 credits. <b>Advanced Certificate</b> – Paramedic, 34 credits. <b>Certificate</b> – Emergency Medical Technician/Basic, 6 credits.	\$72/credit; \$189.95/credit (out-of-district)
College of DuPage – Glen Ellyn, IL	<b>AAS</b> – Emergency Medical Services, 65 credits. <b>Certificate</b> – Paramedic, 32 credits. <b>Certificate</b> – Emergency Medical Technician, 8 credits.	\$103/credit; \$292/credit (out-of-district)
College of Lake County – Grayslake, IL	<b>AAS</b> – Emergency Medical Technology, 62-63 credits. <b>Certificate</b> – Emergency Medical Technician/Paramedic, 30-31 credits. <b>Certificate</b> – Emergency Medical Technician/Basic, 7 credits.	\$90/credit; \$215/credit (out-of-district)
Elgin Community College – Elgin, IL	<b>Certificate</b> – Emergency Medical Technology/Paramedic, 28.5 credits. <b>Certificate</b> – Emergency Medical Technician/Basic, 6 credits.	\$91/credit; \$359.30/credit (out-of-district)
Joliet Junior College – Joliet, IL	<b>AAS</b> – Emergency Medical Services, 68.5 credits. <b>Certificate</b> – Paramedic, 27.5 credits.	\$76/credit; \$232.77/credit (out-of-district)
Kishwaukee College – Malta, IL	<b>AAS</b> – EMT Paramedic, 68 credits. <b>Certificate</b> – EMT Paramedic, 50 credits. <b>Certificate</b> – EMT Basic, 7 credits.	\$75/credit; \$261.49/credit (out-of-district)
McHenry Community College – Crystal Lake, IL	<b>AAS</b> – Emergency Medical Technician/Paramedic, 65-69 credits. <b>Certificate</b> – Emergency Medical Technician/Paramedic, 33-37 credits. <b>Certificate</b> – Emergency Medical Technician/Ambulance, 7 credits.	\$80/credit; \$277.58/credit (out-of-district)
Moraine Valley Community College – Palos Hills, IL	<b>Certificate</b> – Emergency Medical Services, 35 credits.	\$72/credit; \$204/credit (out-of-district)
Oakton Community College – Des Plaines, IL	<b>Certificate</b> – Emergency Medical Services/Paramedic, 30 credits.	\$84.60/credit; \$236.46/credit (out-of-district)
Prairie State College – Chicago Heights, IL	<b>Certificate</b> – Emergency Medical Technician, 7 credits. <b>Certificate</b> – First Responder, 3 credits.	\$87/credit; \$244/credit (out-of-district)

**Table 1: Continued**

<b>Major Competitor</b>	<b>Length of Program</b>	<b>Credit hour</b>
South Suburban College – South Holland, IL	<b>Certificate</b> – Paramedic Basic, 31 credits. <b>Certificate</b> – Emergency Medical Technician, 6 credits.	\$103.75/credit; \$281.75/credit (out-of-district)
Triton College – River Grove, IL	<b>AAS</b> – Leadership for Paramedics, 66 credits. <b>Certificate</b> – Emergency Medical Technician/Basic, 6 credits.	\$61/credit; \$179.80/credit (out-of-district)
Waubensee Community College – Sugar Grove, IL	<b>Certificate</b> – Emergency Medical Technician/Basic, 6 credits.	\$75/credit; \$224.61/credit (out-of-district)

**Table 2: Emergency Medical Services 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>
29-2041	Emergency Medical Technicians and Paramedics	6,904	8,539	1,635	23.69	164	79	243
<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>Average Yearly Total</b>
29-2041	Emergency Medical Technicians and Paramedics	4,693	5,698	1,005	21.42	101	54	155
<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>Average Yearly Total</b>
29-2041	Emergency Medical Technicians and Paramedics	1,098	1,510	412	37.55	41	13	54
<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>
29-2041	Emergency Medical Technicians and Paramedics	541	686	145	26.88	15	6	21

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

**Table 2: Continued**

<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>
29-2041	Emergency Medical Technicians and Paramedics	119	132	13	10.54	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>
29-2041	Emergency Medical Technicians and Paramedics	11,026	13,544	2,518	22.84	252	126	378
<b>National**</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 Change</b>	<b>% Change</b>	<b>Due to New</b>	<b>Due to Replacements</b>	<b>Average Yearly Total***</b>
29-2041	Emergency Medical Technicians and Paramedics	191,512	243,713	52,201	27.2	N/A	N/A	7,000

\*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: Emergency Medical Services 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>
29-2041	Emergency Medical Technicians and Paramedics	\$9.97	\$20,727	\$14.38	\$29,902	\$19.29	\$40,118
<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>
29-2041	Emergency Medical Technicians and Paramedics	\$10.88	\$22,629	\$16.95	\$35,264	\$21.22	\$44,150
<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>
29-2041	Emergency Medical Technicians and Paramedics	N/A	N/A	N/A	N/A	N/A	N/A
<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>
29-2041	Emergency Medical Technicians and Paramedics	\$9.94	\$20,670	\$11.95	\$24,861	\$13.80	\$28,703
<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>
29-2041	Emergency Medical Technicians and Paramedics	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**

<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>
29-2041	Emergency Medical Technicians and Paramedics	\$9.10	\$18,924	\$12.87	\$26,769	\$17.41	\$36,214
<b>National**</b>							
<b>SOC CODE</b>	<b>Occupational Title</b>	<b>Median Hourly</b>	<b>Mean Hourly</b>	<b>Mean Annual</b>	<b>Mean RSE***</b>		
29-2041	Emergency Medical Technicians and Paramedics	\$13.01	\$14.13	\$29,390	0.7%		

\*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