This analysis was based on the pre-determined criteria and measures listed below:

Section	Description	Measures
Student Demand	Includes an assessment of OCAS (2007 - 2011) enrolment data at other colleges in terms of mean growth rate with a specific focus on Fleming's direct competitors where appropriate (Georgian, Sheridan, Seneca and Durham) Trends in certificate, diploma, degree, apprenticeship and continuing education (where available).	 Strong = Fleming enrolment growth is outpacing system and is equal to or greater than 3% Moderate = Fleming enrolment growth is equivalent to system demand and is between 1.0 to 2.9% Weak = Fleming enrolment growth is less than the system demand and is less than 1%
	Click Below to Access Full Source Document: Fall Enrollment Trend	
Labour Market	Includes projected employment rate growth based on a consolidation of various Ontario, Canadian, and US sources including HRSDC, Sector Council Reports US Bureau of Labour Statistics, and the MTCU Employment Profile.	 Strong = Between 5-6 positive labour market indicators Moderate = Between 3-5 positive labour market indicators Weak = Between 1-2 or no positive labour market indicators
Competitive Analysis	Includes the number of actual colleges offering the program as well as the ratio of applications to acceptances at Fleming compared to other colleges and specific comment about Fleming's direct competitors where appropriate (Georgian, Sheridan, Seneca and Durham) Click Below to Access Full Source	 Strong = Fleming conversion ratio is greater than 2 below the system Moderate = Fleming conversion ratio is 1 above, below or equal to the system Weak = Fleming conversion ratio is greater than 2 above than the system
	Document: Fall Conversion Report	
Financial Analysis	Includes a review of Contribution to Overhead (CTO) for existing programs (2010-11) Click Below to Access Full Source Document: Costing Analysis	 Strong = CTO is greater than 35% Moderate = CTO is between 30 - 34% Weak = CTO is between 20 - 30% No Contribution = 19% or less

Key Performance Indicators	Includes KPI trends from the Key Performance Indicator Summary 5 Year Historical Overview KPI Data from Reporting Years 2008-2012. Click Below to Access Full Source Document: Key Performance Indicators	 Strong = Above system average in 6-7 indicators Moderate = Above system average in 3-5 indicators Weak = Above system average in 0-2 indicators.
Resource Analysis	Requires school level assessment regarding space, technology, capital equipment and human resources. Recommendations from recent Program Review Reports included here	

Occupational Therapist Assistant (51502)

Student Demand ¹	• WEAK
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The following information consists of OCAS yearly student fall registration data as well as a mean growth rate and average student registration for each program under these categories:

Certificate

• Mohawk is the only college to offer a certificate program, which is called Occupational Therapist Assistant/Physiotherapist Assistant

Diploma

- Fleming's mean growth rate (3%) is well below the system with 13%
- La Cite has the largest growth over 5 years with 21%

Certificate

Program: 41502 - OCCUPATIONAL THERAPIST ASSISTANT/PHYSIOTHERAPIST ASSISTANT (OTA/PTA)										
	% Change 2007 2008 (07-08)	% Change 2008 2009 (08-09)	% Change 2009 2010 (09-10)	% Change 2010 2011 (10-11)	% Mean Growth Rate (07-11)	5 Year Average Reg. Students				
MOHAWK	48					48				
Total	48					48				

¹ Registration data obtained from the Program Counts by Applicant Type Report (RPT0050P) in the OCAS Reporting and Analytics Cube December 7, 2011. Some programs/colleges may not be included because they were missing MCU codes in the OCAS dataset Prepared by Fleming Data Research (07-2012)

Diploma

Program: 51502 - OCCUPATIONAL/ PHYSIOTHERAPY														
	2007	2008	% Change (07-08)	2008	2009	% Change (08-09)	2009	2010	% Change (09-10)	2010	2011	% Change (10-11)	% Mean Growth Rate (07-11)	5 Year Average Reg. Students
CENTENNIAL	46	25	-46	25	34	36	34	40	18	40	49	23	8	39
COLLÈGE BORÉAL	10	9	-10	9	11	22	11	9	-18	9	11	22	4	10
CONESTOGA	34	34	0	34	41	21	41	42	2	42	38	-10	3	38
FLEMING	48	44	-8	44	45	2	45	43	-4	43	52	21	3	46
HUMBER	56	62	11	62	88	42	88	66	-25	66	79	20	12	70
LA CITÉ COLLÉGIAL	19	15	-21	15	20	33	20	20	0	20	34	70	21	22
MOHAWK		51		51	49	-4	49	52	6	52	45	-13	-4	49
NIAGARA					25		25	24	-4	24	21	-13	-8	23
SAULT	20	28	40	28	39	39	39	29	-26	29	33	14	17	30
Total	233	268	15	268	352	31	352	325	-8	325	362	11	13	308

Labour Market

• STRONG

Employment Ontario Not Available

HRSDC²

Other Assisting Occupations In Support of Health Services (NOC – 3414)

- Job Openings (2011/2020): 165,027
- Job Seekers(2011/2020): 158,109
- Post-Secondary Education Graduates: 98,643 (62%)
- "Given that recently there was a shortage of labour in this occupation, projections indicate that
 the number of job seekers will be insufficient to fill all job openings over the 2011-2020 period.
 Job openings will result from both employment growth and retirements. Expansion demand will
 increase at a faster rate than for all occupations, but the number of job openings arising from
 economic growth will be fewer than over the past decade (2001-2010). As with most
 occupations in the health sector, Canada's aging population will continue to increase the
 demand for health care workers. Employment growth in this occupation will therefore be
 among the strongest for all occupations. With regard to labour supply, a large increase in the
 number of school leavers is expected in response to the high demand for workers in this
 occupation. As was the case in recent years, labour supply from other occupations will also
 represent a large number of job seekers."

²"Assisting Occupations In Support Of Health Services (341)." *Human Resources and Skills Development Canada*. N.p., n.d. Web. 2 Aug. 2012. ">http://www23.hrsdc.gc.ca/occupationsummarydetail.jsp?&tid=54>.

HRSDC³

Other Technical Occupations in Therapy and Assessment (NOC - 3235)

- Job Openings (2011/2020): 62,326
- Job Seekers(2011/2020): 56,447
- Post-Secondary Education Graduates: 24,542 (39%)
- "Based on projections and considering that labour supply and demand in this occupation were balanced over the 2008-2010 period, it is expected that the number of job seekers will continue to be sufficient to fill the job openings over the 2011-2020 period. Job openings will arise due to employment growth and replacement demand in almost equal parts. As with most occupations in the health sector, the aging population will put pressure on the demand for technical health care workers. The retirement rate in this occupation will be on par with the average for all occupations. Almost all job seekers will come directly from the school system. In addition, an analysis of recent school leavers in this occupational category showed that a significant proportion of school leavers in these fields of study, such as health care technicians and nursing graduates, entered occupations outside the health sector. The main reason for this is likely the difficult working conditions (night shifts, overtime, etc.), which discourage some school leavers from entering or remaining in the occupation."

US Bureau of Labour⁴

Occupational Therapy Assistants and Aides

- Employment Growth : Increase41%
 - 36,000 (2010) to 50,800 (2020)
- "Demand for occupational therapy is expected to rise significantly over the coming decade in response to the health needs of the aging baby-boom generation and a growing elderly population. Older adults are especially prone to conditions such as arthritis that affect their everyday activities. Occupational therapy assistants and aides will be needed to assist occupational therapists in caring for these people. Occupational therapy will also continue to be used for treating children and young adults with developmental disabilities like autism."
- "Demand for occupational therapy assistants is also expected to come from occupational therapists employing more assistants to reduce the cost of occupational therapy services. After the therapist has evaluated a patient and designed a treatment plan, the occupational therapy assistant can provide many aspects of the treatment that the therapist prescribed."

³"Other Technical Occupations In Health Care (Except Dental) (323)." *Human Resources and Skills Development Canada*. N.p., n.d. Web. 2 Aug. 2012. http://www23.hrsdc.gc.ca/occupationsummarydetail.jsp?&tid=53.

⁴Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, 2012-13 Edition, Occupational Therapy Assistants and Aides, Web. http://www.bls.gov/ooh/healthcare/occupational-therapy-assistants-and-aides.htm, June 18, 2012.

Employment Profile⁵

• In 2010-2011, **51.3%** of graduates were employed in a full time position which related to this program of study provincially

Health Technology

Summary of Graduate Outcomes by Program

	Empl	time oyed,	Emp	-time loyed,	Emp	t-time loyed,	Emp	t-time loyed,	llect	-		t in
	Program #	Related %	Program #	Unrelated %	Program	n Helated %	Program	Unrelated %	Uner #	nployed	Labou	r Force
Cardiovascular Technology	6	23.1	2	7.7	7	26.9	2	7.7	4	15.4	5	19.2
Dental Assisting (Levels I And II)	148	39.6	39	10.4	26	7.0	35	9.4	31	8.3	95	25.4
Dental Hygiene	58	19.7	45	15.3	73	24.7	40	13.6	59	20.0	20	6.8
Dental Hygiene – Expanded Duties	6	50.0	-	-	3	25.0	1	8.3	-	-	2	16.7
Dental Technology	8	44.4	2	11.1	3	16.7	2	11.1	2	11.1	1	5.6
Denturism	14	63.6	-	-	3	13.6	-	-	2	9.1	3	13.6
Diagnostic Cardiac Sonography	18	75.0	-	-	3	12.5	-	-	2	8.3	1	4.2
Hearing Instrument Specialist – 2 Year	19	86.4	1	45	-	-	-	-	2	9.1	-	-
Hearing Instrument Specialist – 3 year	н	55.0	1	5.0	-	-	2	10.0	5	25.0	1	5.0
Massage Therapy	30	23.8	13	10.3	44	34.9	10	7.9	14	11.1	15	11.9
Medical Imaging Technology – Radiography	32	45.7	4	5.7	13	18.6	1	1.4	9	12.9	п	15.7
Medical Laboratory Assistan	t 14	18.2	15	19.5	15	19.5	8	10.4	15	19.5	10	13.0
Medical Laboratory Technology	33	70.2	4	8.5	6	12.8	-	-	2	4.3	2	4.3
Occupational Therapist Assistant/Physiotherapist Assistant (ota/pta)	61	51.3	9	7.6	21	17.6	8	6.7	8	6.7	12	10.1
Opticianry	29	78.4	-	-	1	2.7	1	2.7	3	8.1	3	8.1
Orthotic/Prosthetic Technician	5	62.5	-	-	-	-	-	-	2	25.0	1	12.5
Pharmacy Technician	87	45.1	13	6.7	32	16.6	- 11	5.7	17	8.8	33	17.1
Respiratory Therapy	61	65.6	2	2.2	18	19.4	4	4.3	- 4	4.3	- 4	4.3
All Programs in Cluster*	640	40.4	150	9.5	268	16.9	125	7.9	181	11.4	219	13.8

* Does not include 4 programs with fewer than 5 graduates in the labour force.

192 Employment Profile: 2009-2010 Graduates

⁵"Employment Profile." *Ontario*. N.p., 2011. Web. 19 July 2012.

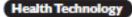
<http://www.tcu.gov.on.ca/pepg/audiences/colleges/serials/eprofile09-10/profile10.pdf>.

Health Technology

Earnings of Full-time Employed Participants

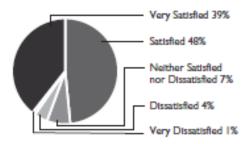
Program	Average - Females	Average - Males	Median – Females	Median – Males	Average for Program	Median for Program
Cardiovascular Technology	\$33,475	-	\$36,000	-	\$33,475	\$36,000
Dental Assisting (Levels I And II)	\$27,243	-	\$27,245	-	\$27,229	\$27,114
Dental Hygiene	\$39,547	-	\$41,714	-	\$39,305	\$38,716
Dental Hygiene – Expanded Duties	\$69,594	-	\$65,857	-	\$69,594	\$65,857
Dental Technology	-	\$37,580	-	\$34,414	\$37,405	\$36,000
Denturism	-	\$45,515	-	\$52,143	\$39,542	\$31,286
Diagnostic Cardiac Sonography	\$56,364	-	\$56,314	-	\$55,691	\$55,000
Hearing Instrument Specialist – 2 Year	\$34,618	-	\$38,400	-	\$34,759	\$35,457
Hearing Instrument Specialist – 3 Year	\$32,524	-	\$31,000	-	\$34,473	\$35,500
Massage Therapy	\$44,889	-	\$40,857	-	\$42,944	\$40,000
Medical Imaging Technology – Radiography	\$47,183	\$45,719	\$48,343	\$50,057	\$46,961	\$48,399
Medical Laboratory Assistant	\$31,166	\$26,356	\$34,020	\$23,464	\$29,206	\$24,000
Medical Laboratory Technology	\$49,760	-	\$50,649	-	\$49,557	\$51,867
Occupational Therapist Assistant/ Physiotherapist Assistant (ota/pta)	\$34,329	-	\$31,286	-	\$34,179	\$31,286
Opticianry	\$38,172	\$47,316	\$39,000	\$47,450	\$40,985	\$41,975
Orthotic/Prosthetic Technician	-	-	-	-	-	-
Pharmacy Technician	\$28,022	\$30,431	\$24,389	\$31,286	\$28,625	\$25,014
Respiratory Therapy	\$49,636	\$50,397	\$50,000	\$50,000	\$49,851	\$50,000
All Programs in Cluster*	\$36,552	\$38,402	\$33,372	\$38,325	\$36,824	\$34,414

* Does not include 4 programs with fewer than 5 graduates in the labour force.



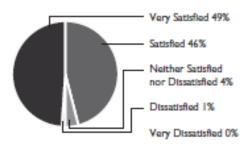
Program Cluster Satisfaction

Graduate Satisfaction with the usefulness of his/her college education in achieving his/her goals after graduation:*



* 1,515 graduates participated in this question.

Employer Satisfaction with employee overall college preparation for the type of work he/she was doing*



* 264 employers participated in this survey.

Program Cluster Historical Data

	00-01 Grads	01-02 Grads	02-03 Grads	03-04 Grads	04-05 Grads	05-06 Grads	06-07 Grads	07-08 Grads	08-09 Grads	09-10 Grads
Percentage Employed	95.4%	95.5%	94.8%	93.9%	92.7%	92.5%	93.1%	93.1%	91.2%	86.5%
Percentage Employed Full-time	75.9%	74.5%	73.2%	71.6%	68.1%	67.9%	68.0%	67.7%	62.4%	57.9%
Percentage Employed Full-time Related Jobs	68.4%	68.3%	65.1%	64.8%	60.1%	59.9%	58.6%	59.7%	54.8%	46.9%
Average Annual Salary Full-time Related Jobs	\$34,348	\$36,285	\$36,672	\$37,020	\$37,553	\$39,619	\$40,570	\$40,896	\$40,603	\$39,719

194 Employment Profile: 2009-2010 Graduates

Working in Canada⁶

Other Assisting Occupations in Support of Health Services (NOC - 3414)

- Ontario Rating: Not Available
- Wage Range by Region:

Location	Wage (\$/	Wage (\$/hr)				
	Low	Median	High			
Ontario	11.00	16.50	28.75			
HamiltonNiagara Peninsula Region	10.50	16.00	25.00			
Kingston - Pembroke Region	11.00	16.50	28.75			
KitchenerWaterlooBarrie Region	11.00	16.25	24.57			
London Region	11.00	18.00	26.00			
Muskoka-Kawarthas Region	11.00	16.50	28.75			
Northeast Region	12.00	17.81	24.00			
Northwest Region	11.00	16.50	28.75			
Ottawa Region	11.00	16.50	28.75			
StratfordBruce Peninsula Region	11.00	16.50	28.75			
Toronto Region	11.00	15.00	30.00			
Windsor-Sarnia Region	10.50	16.00	21.40			

Working in Canada⁷

Other Technical Occupations in Therapy and Assessment (NOC - 3235)

- Ontario Rating: Not Available
- Wage Range by Region:

Location	Wage (\$/	hr)	
	Low	Median	High
Ontario	13.00	21.63	35.00
HamiltonNiagara Peninsula Region	13.00	21.63	35.00
Kingston - Pembroke Region	N/A	N/A	N/A
KitchenerWaterlooBarrie Region	13.00	21.63	35.00
London Region	13.00	21.63	35.00
Muskoka-Kawarthas Region	N/A	N/A	N/A
Northeast Region	15.00	21.09	31.62
Northwest Region	13.00	21.63	35.00
Ottawa Region	13.00	21.63	35.00
StratfordBruce Peninsula Region	N/A	N/A	N/A
Toronto Region	13.00	21.63	35.00
Windsor-Sarnia Region	14.00	19.35	31.00

⁶"Other Assisting Occupations in Support of Health Services (NOC 3414)." *Working in Canada*. N.p., n.d. Web. 7 Aug. 2012. http://www.workingincanada.gc.ca/report-

eng.do?lang=eng&noc=3414&area=8792&titleKeyword=occupational+therapy+assistant@ionKeyword=Peterborough,+Ontario&source=0&action=final>.

⁷"Other Technical Occupations in Therapy and Assessment (NOC 3235)." *Working in Canada*. N.p., n.d. Web. 7 Aug. 2012. http://www.workingincanada.gc.ca/report-

eng.do?area=8792&lang=eng&noc=3235&action=final&ln=p@ionKeyword=Peterborough%2C+Ontario&s=1&source=0&titleKeyword=physical+rehabilitation+technician#wages>.

Competitiv	ve Analysis ⁸		• STRONG		
		-			

The following information consists of OCAS yearly fall application and registration data as well as a conversion ratio for each program under this category:

Certificate

- Fleming has stayed well below the system conversion ratio for the past 5 years just Sault college that has had the best conversion rates for the past 5 years
- Humber has consistently had the highest number of applications each year which might warrant a closer look at their advertising strategy

Diploma

• Sault and La Cite have the best conversion ratios in 2011 with **3:1**while Niagara has the worst conversion ratio with **11:1**

Certificate

Program: 41502 - OCCUPATIONAL THERAPIST ASSISTANT/PHYSIOTHERAPIST ASSISTANT (OTA/PTA)									
	App. Reg. C 2007 2007			App. Reg. Conversion 2009 2009 Ratio	App. Reg. Conversion 2010 2010 Ratio				
MOHAWK	280 48	6:1	0	0	0	0			
Total	280 48	6:1	0	0	0	0			

⁸ Application data obtained from OCAS College Count Cube October 19, 2011 Registration data obtained from the Program Counts by Applicant Type Report (RPT0050P) in the OCAS Reporting and Analytics Cube December 7, 2011. Some programs/colleges may not be included because they were missing MCU codes in the OCAS dataset Prepared by Fleming Data Research (07-2012)

Diploma

Program: 51502 - OCCUPATIONAL/ PHYSIOTHERAPY															
	App. 2007	Reg. 2007	Conversion Ratio	App. 2008	Reg. 2008	Conversion Ratio	App. 2009	Reg. 2009	Conversion Ratio	App. 2010		Conversion Ratio	App. 2011	Reg. 2011	Conversion Ratio
CENTENNIAL	269	46	6:1	294	25	12:1	306	34	9:1	372	40	9:1	404	49	8:1
COLLÈGE BORÉAL	37	10	4:1	37	9	4:1	45	11	4:1	44	9	5:1	52	11	5:1
CONESTOGA	231	34	7:1	229	34	7:1	236	41	6:1	255	42	6:1	257	38	7:1
FLEMING	191	48	4:1	176	44	4:1	183	45	4:1	197	43	5:1	204	52	4:1
HUMBER	438	56	8:1	438	62	7:1	448	88	5:1	486	66	7:1	571	79	7:1
LA CITÉ COLLÉGIAL	80	19	4:1	66	15	4:1	72	20	4:1	87	20	4:1	108	34	3:1
MOHAWK	0			333	51	7:1	333	49	7:1	394	52	8:1	425	45	9:1
NIAGARA	0			0			214	25	9:1	241	24	10:1	240	21	11:1
SAULT	86	20	4:1	111	28	4:1	126	39	3:1	101	29	3:1	105	33	3:1
Total	1332	233	6:1	1684	268	6:1	1963	352	6:1	2177	325	7:1	2366	362	7:1

Financial Analysis

NO CONTRIBUTION

Source: Program Costing Analysis 2010/2011

- Contribution to Overhead: 14.5%
- Program Weight: 1.30
- Funding Unit: 2.20

Key Performance Indicators • STRONG

Source: Key Performance Indicator Summary 5 Year Historical Overview KPI Data from Reporting Years 2008-2012

KPI1-Graduation Rate	-1% below system
KPI2-Working	+4% above system
KPI3-Working Related	+7% above system
KPI4-Grad. Satisfaction	+1% above system
KPI8-Student Satisfaction-Learning	+1% above system
KPI9-Student Satisfaction- Teachers	+2% above system
KPI11-Grad. Satisfaction-Program	+3% above system

Additional Observations and Opportunities

- Numerous specialties are available for Occupational Therapy Assistants to choose from as listed by the American Occupational Therapy Association, which pose as opportunities for Fleming to develop continuing education programs such as:⁹
 - Children and Youth
 - Health and Wellness
 - o Mental Health
 - Productive Aging
 - Work and Industry
 - Rehabilitation, Disability and Participation

Resource Analysis

Equipment

The following information was extracted from the 2008 program review:

- As of 2008, students and faculty were required to go off-site to access modality equipment. Students and faculty identified the need to have equipment at the College. This would eliminate rental costs, evening instruction along with allowing greater access and practice of treatment techniques by students. (Instruction could be done in more than one semester and in more than one block of time).
 - Deryck will devise an equipment list with costs and suppliers by the end of summer 2008.
 - Equipment list should also include warranty information.
 - The possibility of donations and used equipment will also be explored by Deryck.
 - We will then attempt to access capital money

Staffing

Space

⁹ Continuing Education Courses by AOTA." *The American Occupational Therapy Association, Inc.*. N.p., 2012. Web. 5 June 2012. http://www.aota.org/Practitioners/ProfDev/CE/Aota.aspx.

Appendix

The following is the original environmental scan conducted by the Library Researchers to form the basis of the previous summary of Key Research Findings Report.

Overview of the Profession:

NOC: 3414 - Other assisting occupations in support of health services <u>http://www5.hrsdc.gc.ca/noc/english/noc/2011/ProfileNocCode.aspx?val=3&val1=3414&val17=3414&val18=1&val19=0</u>

NOC: 3235 - Other Technical Occupations in Therapy and Assessment

http://www30.hrsdc.gc.ca/NOC/English/NOC/2006/QuickSearch.aspx?val65=3235

• Some Physiotherapist Assistant jobs are posted under this NOC code.

And

http://www.workingincanada.gc.ca/report-

<u>eng.do?lang=eng&noc=3414&area=8792&titleKeyword=physiotherapy+assistant®ionKeyword=Peter</u> <u>borough,+Ontario&source=0&action=final</u>

The following is a summary of main duties for some occupations in this unit group:

- Orthopedic technologists assist orthopedic surgeons in the treatment of orthopedic diseases and injuries by applying and adjusting casts, splints, bandages and other orthopedic devices; assisting in the application, maintenance and adjustment of traction equipment; cleaning and dressing wounds; and removing casts, sutures, staples and pins. They also instruct patients and their families and other health care professionals with respect to orthopedic matters.
- Rehabilitation assistants prepare and maintain equipment and supplies; assist in activities for the rehabilitation of patients as directed by health care professionals and may perform routine office functions.
- Optical/ophthalmic laboratory technicians and assistants operate laboratory equipment to grind, cut, polish and edge lenses for eyeglasses according to prescriptions received and fit lenses into frames; make minor repairs for customers such as replacing frame screws or straightening frames; and maintain and repair optical laboratory equipment or machinery.
- Pharmacy aides help pharmacists and other pharmacy staff with packaging and labelling of pharmaceutical products and may help in maintaining prescription records and inventories of medications and pharmaceutical products.
- Sterile processing technicians operate and maintain sterilization equipment such as instrument washers, sonic sinks, cart washers and steam autoclaves to clean and disinfect trays, carts, linens, supplies, instrumentation and equipment for re-use according to standardized safety practices. They reassemble equipment and assemble packs of sterile supplies and instruments for delivery to hospital departments.
- Blood donor clinic assistants set up and dismantle equipment; prepare and maintain cleanliness
 of collection areas; maintain supplies; record information on donors; monitor donors
 throughout procedure and assist with post-donation care and donor reaction care as assigned
 under supervision of a registered nurse; and label and process donated blood.

• Morgue attendants assist pathologists at autopsies by laying out surgical instruments; preparing solutions for preservation of specimens; transferring bodies from morgue to examining table; removing organs and tissue specimens, as instructed by attending pathologist, and placing them in preservative solutions; and cleaning and sewing up bodies for release to funeral home.

Common Job Titles

- autopsy assistant
- blood donor clinic assistant
- cast room technician
- central supply aide
- chiropractic assistant
- clinical laboratory helper
- lens grinder
- ophthalmic
- morgue attendant
- occupational therapy assistant
- ophthalmic laboratory technician retail, optical laboratory assistant
- optometrist assistant
- orthopaedic technologist
- pharmacy assistant
- physiotherapy assistant
- rehabilitation assistant
- therapy assistant

Typical Employers

- hospitals
- medical clinics
- offices of health care professionals
- nursing homes
- optical retail stores and laboratories
- pharmacies and medical pathology laboratories

Labour Market

Working in Canada

1. Employment potential for the Muskoka-Kawarthas-Peterborough Area is "N/A' (Working in Canada) <u>http://www.workingincanada.gc.ca/report-</u>

eng.do?area=8792&lang=eng&noc=3414&action=final&ln=p®ionKeyword=Peterborough%2C+Ontari o&s=2&source=3&titleKeyword=physiotherapy+assistant#outlook

For Ontario:

The following table identifies employment conditions within Ontario.

Location	Employment Potential	Release Date				
Hamilton-Niagara Peninsula-Brantford Area	Good	2009-08-26				
Kingston-Quinte-Pembroke Area	Fair	2009-11-02				
Kitchener-Waterloo-Barrie-Guelph Area	N/A	N/A				
London-Woodstock Area	N/A	N/A				
Muskoka-Kawarthas-Peterborough Area	N/A	N/A				
Northeastern Ontario	Good	2010-08-16				
Northwestern Ontario	N/A	N/A				
Ottawa Region	N/A	N/A				
Stratford-Bruce Peninsula Area	N/A	N/A				
Toronto Region	N/A	N/A				
Windsor-Sarnia Area	N/A	N/A				
N/A = This information is not available						

[Source: Labour Market Information - HRSDC]

HRSDC

2. National Outlook – 10-Year Projection (2011-2020) <u>http://www5.hrsdc.gc.ca/noc/english/noc/2011/ProfileNocCode.aspx?val=3&val1=3414&val17=341 4&val18=1&val19=0</u>

This occupation is part of a larger occupational group called **Assisting Occupations In Support Of Health Services (341)**

Occupations in this group	Dental Assistants (3411) Nurse Aides and Orderlies (3413) Other Aides and Assistants in Support of Health Services				
Employment (non-student) in 2010	(3414) 316,195				
Median Age of workers in 2010	40.5				
Average Retirement Age in 2010	60				

- Estimated that there will be more job openings in this field than job seekers for the 2011-2020 periods (job openings are expected to total 162,168. It is expected that 158,109 job seekers will be available to fill these job openings). The majority of job seekers will come from the school system (62%) and 10% from immigration.
- 4. Although recently the labour supply and demand in this occupation was balanced, projections indicate that the number of job seekers will not be sufficient to fill all the job openings over the 2009-2018 periods.
- Job openings will result from both employment growth and retirements. As with most occupations in the health sector, the aging of the population will increase the demand for health care workers. Employment growth in this occupation will therefore be among the strongest of all occupations. This

situation, combined with the need to replace the large number of workers retiring, will increase pressure on the demand in this occupation.

- 6. With regard to the labour supply, a large increase in the number of school leavers is expected in response to the high demand for workers in this occupation. As was the case in recent years, labour supply from other occupations (mobility) will also represent a large number of job seekers.
- 7. Local wage for Peterborough/Kawartha Region 2010:

• Low: \$12.00 Average: \$16.74 High: \$24.00

http://www.workingincanada.gc.ca/report-

<u>eng.do?area=8792&lang=eng&noc=3414&action=final®ionKeyword=Peterborough%2C+Ontario&s=</u> <u>1&source=0&titleKeyword=physiotherapy+assistant#report_tabs_container2</u>

US Bureau of Labour

A: <u>http://www.bls.gov/ooh/Healthcare/Physical-therapist-assistants-and-aides.htm</u> and

B: http://www.bls.gov/ooh/Healthcare/Occupational-therapy-assistants-and-aides.htm

A: Job Outlook Physical Therapist Assistants:

Employment of physical therapist assistants is expected to increase 46 percent from 2010 to 2020, much faster than the average for all occupations.

Employment of physical therapist aides is expected to increase 43 percent from 2010 to 2020, much faster than the average for all occupations.

Employment of physical therapist assistants is projected to grow faster than that of aides, as assistants deliver therapy services directly.

Demand for physical therapy services is expected to increase in response to the health needs of an aging population, particularly the large baby-boom generation. This group is staying more active later in life than previous generations.

However, baby boomers also are entering the prime age for heart attacks and strokes, increasing the demand for cardiac and physical rehabilitation. Older people are particularly vulnerable to chronic and debilitating conditions that require therapeutic services. These patients often need additional help in their treatment, making the roles of assistants and aides vital.

Medical and technological developments should permit an increased percentage of trauma victims and newborns with birth defects to survive, creating added demand for therapy and rehabilitative services. Physical therapists are expected to increasingly use assistants and aides to reduce the cost of physical therapy services. Once the physical therapist has evaluated a patient and designed a treatment plan, the physical therapist assistant can provide many parts of the treatment, as directed by the therapist. In addition, changes to restrictions on reimbursements for physical therapy services by third-party payers will increase patient access to services and increase demand.

Job Prospects

Opportunities for physical therapist assistants are expected to be very good. With help from physical therapist assistants, physical therapists can manage more patients.

However, physical therapy aides may face keen competition from the large pool of qualified people. Job opportunities should be particularly good in acute hospital, skilled nursing, and orthopedic settings, where the elderly are most often treated. Job prospects should be especially favorable in rural areas, as many physical therapists cluster in highly populated urban and suburban areas.

B: Job Outlook Occupational Therapy Assistants:

Employment of occupational therapy assistants is expected to increase 43 percent from 2010 to 2020, much faster than the average for all occupations. Employment of occupational therapy aides is expected to increase 33 percent from 2010 to 2020, much faster than the average for all occupations.

Demand for occupational therapy is expected to rise significantly over the coming decade in response to the health needs of the aging baby-boom generation and a growing elderly population. Older adults are especially prone to conditions such as arthritis that affect their everyday activities. Occupational therapy assistants and aides will be needed to assist occupational therapists in caring for these people. Occupational therapy will also continue to be used for treating children and young adults with developmental disabilities like autism.

Demand for occupational therapy assistants is also expected to come from occupational therapists employing more assistants to reduce the cost of occupational therapy services. After the therapist has evaluated a patient and designed a treatment plan, the occupational therapy assistant can provide many aspects of the treatment that the therapist prescribed.

Job Prospects

Occupational therapy assistants and aides with experience working in an occupational therapy office or other healthcare setting should have the best job opportunities. In addition to overall employment growth, job openings will also result from the need to replace occupational therapy assistants and aides who leave the occupation.

Industry Standards:

The occupation is *unregulated* in all provinces in Canada.

Professional Associations:

Ontario Physiotherapy Association Canadian Physiotherapy Association Ontario Association of Occupational Therapists College of Occupational Therapists of Ontario Canadian Association of Occupational Therapists Canadian Chiropractic Association Canadian Occupational Therapy Foundation

Employment Requirements

Employment requirements are prerequisites generally needed to enter an occupation.

• Orthopedic technologists usually require completion of secondary school

and

several months of on-the-job training

or

A college orthopedic technologist program.

- Registration with the Canadian Society of Orthopaedic Technologists is available and usually required by employers.
- Health care courses or short-term college programs related to the work of medical assistants, such as occupational therapy assistant/physiotherapy assistant programs or a program in central supply service techniques, are available and may be required by employers.
- Pharmacy assistants require completion of secondary school and several months of on-the-job training

or

a five- to nine-month college program in pharmaceutical services.

• Completion of secondary school and several months of on-the-job training are usually required for other assisting occupations in this unit group.

Educational Programs Leading to this Occupation

N/A

Educational Competitors

Individual Community College/Institute Information (Click on Program Title to view college program page) 11 Ontario Colleges currently offer this Diploma Program

Boreal

Assistant De L'ergotherapeute-Assistant Du Physiotherapeute

Centennial:

Occupational Therapist Assistant/physiotherapist Assistant

Conestoga

Occupational Therapist Assistant/physiotherapist Assistant

Georgian

Occupational Therapist Assistant/physiotherapist Assistant

Humber

Occupational Therapist Assistant/physiotherapist Assistant

La Cite

Assistant De L'ergotherapeute-Assistant Du Physiotherapeute

Mohawk

Occupational Therapist Assistant/physiotherapist Assistant

Niagara

Occupational Therapist Assistant/physiotherapist Assistant

Sault

Occupational Therapist Assistant/physiotherapist Assistant

Sheridan

Bachelor of Applied Health Sciences (Athletic Therapy)

St. Clair

Occupational Therapist Assistant and Physiotherapist Assistant

			Progra			
	MTCU		m	Funding	Degree	
APS	Code	Approved Program Name	Weight	Unit	Factor	College
112		Assistant En Ergothérapie/assistant En				
3	51502	Physiothérapie	1.30	2.20	2.00	BOREAL
120		Occupational Therapist Assistant And				
9	51502	Physiotherapist Assistant (ota/pta)	1.30	2.20	2.00	CENTENNIAL
116		Occupational Therapist				
7	51502	Assistant/physiotherapist Assistant	1.30	2.20	2.00	CONSESTOGA
123		Occupational Therapy Assistant /				
5	51502	Physiotherapy Assistant	1.30	2.20	2.00	GEORIAN
129		Occupational Therapist				
7	51502	Assistant/physiotherapist Assistant	1.30	2.20	2.00	HUMBER
114		Assistant En Ergothérapie/assistant En				
2	51502	Physiothérapie	1.30	2.20	2.00	LA CITE
119		Occupational Therapist Assistant And				
5	51502	Physiotherapist Assistant	1.30	2.20	2.00	MOHAWK
120		Occupational Therapist Assistant and				
9	51502	Physiotherapist Assistant	1.30	2.20	2.00	NIAGARA
116		Occupational Therapist				
0	51502	Assistant/physiotherapist Assistant	1.30	2.20	2.00	SAULT
120		Occupational Therapist				
4	51502	Assistant/physiotherapist Assistant	1.30	2.20	2.00	FLEMING
119		Occupational Therapist Assistant and				
9	51502	Physiotherapist Assistant	1.30	2.20	2.00	ST CLAIR
300		Bachelor Of Applied Health Sciences (athletic		1	T	
1	82200	Therapy)	1.40	4.60	4.00	SHERIDAN

Employment Postings:

On April 12, 2012, there were no jobs listed locally in the Job Bank for OTP/PTA, and 10 job opportunities in the province. The majority of postings were for Part-Time Physiotherapy Assistant positions with few to none for Occupational Therapy Assistant. See below for the variety of postings.... *Source: jobbank.gc.ca*

Job Number: 6351207 Title: Physiotherapist assistant (PTA) (Physiotherapist assistant/PTA or OTA) (NOC: 3235) Terms of Employment: Permanent, Part Time, Day Salary: \$12.00 to \$14.00 Hourly for 20 hours per week Anticipated Start Date: As soon as possible

Location: Elliot Lake, Ontario (1 vacancy) Skill Requirements: Education: Some college/CEGEP/vocational or technical training, Not required

Credentials (certificates, licences, memberships, courses, etc.): Not applicable

Experience: Experience an asset

Languages: Speak English, Read English, Write English

Work Setting: Extended care facility

Area of Specialization: Physiotherapy

Specific Skills: Perform various technical therapy and assessment functions to assist professionals

Security and Safety: Basic security clearance

Work Conditions and Physical Capabilities: Fast-paced environment, Work under pressure, Repetitive tasks, Combination of sitting, standing, walking

Transportation/Travel Information: Valid driver's licence, Own transportation

Essential Skills: Reading text, Document use, Writing, Working with others, Problem solving, Decision making, Job task planning and organizing, Significant use of memory

Employer: Brady Physiotherapy Health and Wellness Centre **How to Apply:**

Please apply for this job only in the manner specified by the employer. Failure to do so may result in your application not being properly considered for the position.

By E-mail: katherinemcmahon@rocketmail.com **Advertised until:** 2012/04/15

Job Number: 6366795 Title: Physiotherapy assistant (NOC: 3414) Terms of Employment: Permanent, Part Time, Day Salary: \$14.00 to \$16.00 Hourly for 20 hours per week Anticipated Start Date: 2012/04/16 Location: Ottawa, Ontario (1 vacancy) Skill Requirements: Education: Completion of high school, Completion of college/CEGEP/vocational or technical training

Credentials (certificates, licences, memberships, courses, etc.): Physical Therapist Assistant Diploma (PTA)

Experience: Experience an asset

Languages: Speak English, Speak French, Read English, Read French, Write English, Write French

Work Setting: Home for the aged

Physiotherapy Assistant Specific Skills: Accompany patients to treatment rooms, Assist patients with maintenance programs as directed/supervised by physiotherapist, Lead group exercise or activity class, Assist patients in the use of therapeutic equipment as directed/supervised by physiotherapist, Clean physiotherapy equipment

Additional Skills: Collect statistics

Security and Safety: Criminal record check

Employer: Peak Health LTC Inc.

How to Apply:

Please apply for this job only in the manner specified by the employer. Failure to do so may result in your application not being properly considered for the position.

By E-mail: pdalcourt@physiomedpeaks.com Advertised until: 2012/04/18 Job Number: 6342909 Title: Physiotherapy assistant (NOC: 3414) Terms of Employment: Permanent, Part Time, Day Salary: \$12.00 to \$20.00 Hourly for 12 hours per week Anticipated Start Date: As soon as possible Location: Deep River, Ontario (1 vacancy) Skill Requirements: Education: Completion of college/CEGEP/vocational or technical training

Credentials (certificates, licences, memberships, courses, etc.): Physical Therapist Assistant Diploma (PTA)

Experience: 1 to less than 7 months

Languages: Speak English, Read English, Write English

Physiotherapy Assistant Specific Skills: Accompany patients to treatment rooms, Assist patients with maintenance programs as directed/supervised by physiotherapist, Lead group exercise or activity class, Assist patients in the use of therapeutic equipment as directed/supervised by physiotherapist, Clean physiotherapy equipment

Security and Safety: Criminal record check

Essential Skills: Reading text, Document use, Oral communication, Working with others, Computer use

Employer: Centric Health-Active **How to Apply:**

Please apply for this job only in the manner specified by the employer. Failure to do so may result in your application not being properly considered for the position.

By E-mail: jennifer.henderson@centrichealth.ca Web Site: http://www.activehealth.ca Advertised until: 2012/04/30 Job Number: 6354439 Title: Physiotherapy assistant (NOC: 3414) Terms of Employment: Permanent, Part Time, Day Salary: \$14.00 to \$16.00 Hourly for 15 hours per week Anticipated Start Date: As soon as possible Location: Stratford, Ontario (1 vacancy) Skill Requirements: Education: Completion of high school, Completion of college/CEGEP/vocational or technical training

Credentials (certificates, licences, memberships, courses, etc.): Physical Therapist Assistant Diploma (PTA)

Experience: Experience an asset

Languages: Speak English, Read English, Write English

Work Setting: Nursing home

Physiotherapy Assistant Specific Skills: Accompany patients to treatment rooms, Assist patients with maintenance programs as directed/supervised by physiotherapist, Lead group exercise or activity class, Assist patients in the use of therapeutic equipment as directed/supervised by physiotherapist, Clean physiotherapy equipment

Additional Skills: Collect statistics

Security and Safety: Criminal record check

Employer: Peak Health LTC Inc. **How to Apply:** Please apply for this job only in the manner specified by the employer. Failure to do so may result in your application not being properly considered for the position.

By E-mail: pdalcourt@physiomedpeaks.com Advertised until: 2012/04/20

Job Number: 6351267 Title: Chiropractic health assistant (NOC: 3414) Terms of Employment: Permanent, Part Time leading Full Time, Weekend, Day, Evening Salary: \$12.00 to \$13.00 Hourly for 20 hours per week Anticipated Start Date: As soon as possible Location: Milton, Ontario (1 vacancy) Skill Requirements:

Education: Completion of high school

Credentials (certificates, licences, memberships, courses, etc.): Not required

Experience: Experience an asset

Languages: Speak English, Read English, Write English

Work Setting: Office of health care professional

Chiropractic Office Assistant Specific Skills: Position patients for treatments by chiropractor or machine, Assist chiropractor with patient health education, Process claims such as health insurance or workers compensation, Order supplies and equipment, Connect treatment machines to patients, as directed by chiropractor, Manage routine office functions including reception, telephone and booking appointments

Additional Skills: Maintain records and inventories of supplies, Order supplies and equipment, Schedule appointments, Perform general clerical duties

Work Conditions and Physical Capabilities: Fast-paced environment, Work under pressure, Repetitive tasks, Attention to detail, Combination of sitting, standing, walking

Essential Skills: Reading text, Document use, Numeracy, Writing, Oral communication, Working with others, Problem solving, Decision making, Finding information, Computer use, Continuous learning

Employer: Hands-On Healing Chiropractic & Wellness Centre **How to Apply:**

Please apply for this job only in the manner specified by the employer. Failure to do so may result in your application not being properly considered for the position.

By E-mail: ajrostayee@gmail.com Advertised until: 2012/04/26 Job Number: 6324072 Title: Rehabilitation assistant (NOC: 3414) Terms of Employment: Permanent, Full Time, Day Salary: \$13.50 Hourly for 40 hours per week Anticipated Start Date: As soon as possible Location: Woodstock, Ontario (1 vacancy) Skill Requirements: Education: Completion of college/CEGEP/vocational or technical training

Credentials (certificates, licences, memberships, courses, etc.): Physical Therapist Assistant Diploma (PTA)

Experience: Experience an asset

Languages: Speak English, Read English, Write English

Work Setting: Home for the aged, Nursing home

Therapy Assistant Specific Skills: Provide support services to health care professionals, Prepare and maintain equipment and supplies

Physiotherapy Assistant Specific Skills: Accompany patients to treatment rooms, Assist patients with maintenance programs as directed/supervised by physiotherapist, Lead group exercise or activity class, Assist patients in the use of therapeutic equipment as directed/supervised by physiotherapist, Clean physiotherapy equipment

Additional Skills: Maintain records and inventories of supplies, Schedule appointments, Perform general clerical duties

Security and Safety: Criminal record check

Work Conditions and Physical Capabilities: Fast-paced environment, Repetitive tasks, Attention to detail, Combination of sitting, standing, walking, Walking, Bending, crouching, kneeling

Transportation/Travel Information: Valid driver's licence, Own transportation, Own vehicle

Essential Skills: Reading text, Document use, Writing, Oral communication, Working with others, Problem solving, Decision making, Critical thinking, Job task planning and organizing, Significant use of memory, Finding information

Other Information:Resumes and cover letters should be pasted into the e-mail instead of attached. If you must send it in an attachment please send it in MS Word format only. Thanks **Employer:** Stone Road Mall Physiotherapy **How to Apply:**

Please apply for this job only in the manner specified by the employer. Failure to do so may result in your application not being properly considered for the position.

By E-mail: srmpcresumes@rogers.com Advertised until: 2012/04/22 Job Number: 6366422 Title: Chiropractic assistant (NOC: 3414) Terms of Employment: Permanent, Full Time, Day Salary: \$11.00 to \$12.00 Hourly for 40 hours per week Anticipated Start Date: As soon as possible Location: Sudbury and Area, Ontario (1 vacancy) Skill Requirements: Education: Completion of high school, Some college/CEGEP/vocational or technical training

Credentials (certificates, licences, memberships, courses, etc.): Not required

Experience: No experience

Languages: Speak English, Read English, Write English

Work Setting: Office of health care professional

Chiropractic Office Assistant Specific Skills: Position patients for treatments by chiropractor or machine, Order supplies and equipment, Connect treatment machines to patients, as directed by chiropractor, Manage routine office functions including reception, telephone and booking appointments

Work Conditions and Physical Capabilities: Fast-paced environment, Repetitive tasks, Attention to detail, Combination of sitting, standing, walking

Essential Skills: Reading text, Numeracy, Writing, Oral communication, Working with others, Problem solving, Job task planning and organizing, Significant use of memory, Finding information, Computer use, Continuous learning

Employer: Barrydowne Family Chiropractic a Creating Wellness Center **How to Apply:** Please apply for this job only in the manner specified by the employer. Failure to do so may result in your application not being properly considered for the position.

By Mail:

1177 Barrydowne Road, suite 101 Sudbury, Ontario P3A 3V4 In Person between 9:00 and 17:00: 1177 Barrydowne Road, suite 101 Sudbury, Ontario P3A 3V4 By Fax: (705) 566-9615 By E-mail: donna.ladouceur33@yahoo.ca Web Site: http://www.sudburychiro.com **Advertised until:** 2012/04/24 Job Number: 6356327 Title: Physiotherapy assistant (NOC: 3414) Terms of Employment: Permanent, Full Time, Day Salary: \$12.00 to \$20.00 Hourly for 35 hours per week Anticipated Start Date: As soon as possible Location: North Bay, Ontario (1 vacancy) **Skill Requirements:** Education: Completion of college/CEGEP/vocational or technical training

Credentials (certificates, licences, memberships, courses, etc.): Physical Therapist Assistant Diploma (PTA)

Experience: 7 months to less than 1 year

Languages: Speak English, Read English, Write English

Work Setting: Home for the aged

Physiotherapy Assistant Specific Skills: Accompany patients to treatment rooms, Assist patients with maintenance programs as directed/supervised by physiotherapist, Lead group exercise or activity class, Assist patients in the use of therapeutic equipment as directed/supervised by physiotherapist, Clean physiotherapy equipment

Security and Safety: Criminal record check

Essential Skills: Reading text, Document use, Oral communication, Working with others, Computer use

Employer: Centric Health-Active **How to Apply:** Please apply for this job only in the manner specified by the employer. Failure to do so may result in your application not being properly considered for the position.

By E-mail: lynette.delima@centrichealth.ca Web Site: http://www.activehealth.ca Advertised until: 2012/04/12 Job Number: 6311119 Title: Chiropractic assistant (Reception position in a busy chiropractic office) (NOC: 3414) Terms of Employment: Permanent, Part Time, Weekend, Day, Evening Salary: \$14.00 to \$18.00 Hourly for 25 hours per week Anticipated Start Date: As soon as possible Location: Etobicoke, Ontario (1 vacancy) Skill Requirements: Education: Completion of high school

Credentials (certificates, licences, memberships, courses, etc.): Not applicable, Not required

Experience: No experience

Languages: Speak English, Read English, Write English

Work Setting: Office of health care professional

Chiropractic Office Assistant Specific Skills: Assist chiropractor with patient health education, Process claims such as health insurance or workers compensation, Order supplies and equipment, Manage routine office functions including reception, telephone and booking appointments

Additional Skills: Maintain records and inventories of supplies, Order supplies and equipment, Schedule appointments, Collect statistics, Perform general clerical duties

Work Conditions and Physical Capabilities: Fast-paced environment, Work under pressure, Attention to detail, Combination of sitting, standing, walking

Transportation/Travel Information: Own transportation, Own vehicle

Essential Skills: Reading text, Document use, Numeracy, Writing, Oral communication, Working with others, Problem solving, Decision making, Critical thinking, Job task planning and organizing, Significant use of memory, Finding information, Computer use, Continuous learning

Other Information: SUPERSTAR NEEDED: FRIENDLY, RELIABLE, SELF MOTIVATED PERSON WITH HIGH ENERGY & THE ABILITY TO MULTITASK. EXPERIENCE ,HELPFUL. GENUINE INTEREST IN HEALTH AND LOVE FOR PEOPLE A MUST.

Employer: Dr. Chrystopher M. Sly Chiropractic P.C.

How to Apply:

Please apply for this job only in the manner specified by the employer. Failure to do so may result in your application not being properly considered for the position.

By E-mail: jobs.chiropractic@gmail.com

Business Profile: Busy Chiropractic office in central Etobicoke (Dundas & 427) seeking a self-motivated, multitasker with high energy and a genuine love for people. **Advertised until:** 2012/04/19