



OAKLAND
COMMUNITY
COLLEGE

Ghausia -
This is
excellent!
A+++++
A few very
minor
edits.
M.

DRAFT

**Oakland Community College
Community College Strategic Planner:
Job Market Overview
Royal Oak/Southfield**

Winter 2007

Final Report

Prepared for:
Dave Adams
Campus President - Interim

Prepared by:
The Office of Institutional Research
Ghausia M. Ali, Primary Researcher
February 2007

TABLE OF CONTENTS

	Page
Executive Summary	2
<u>Tables:</u>	
Summary 1: Massage Therapy	3
Summary 2: Medical Assisting	4
Summary 3: Photography.....	5
Summary 4: Physical Therapy Assisting	6
Summary 5: Pottery/Ceramics (Craft Artists)	7
Summary 6: Pottery/Ceramics (Fine Artists)	8
Summary 7: Restaurant Management (Food Service Managers)	9
<u>Appendices:</u>	
Appendix A: Definitions of Table Headings	10
Appendix B: Table for Massage Therapy	11
Appendix C: Table for Medical Assisting	12
Appendix D: Table for Photography	13
Appendix E: Table for Physical Therapy Assisting	14
Appendix F: Table for Pottery/Ceramics (Craft Artists).....	15
Appendix G: Table for Pottery/Ceramics (Fine Artists).....	16
Appendix H: Table for Restaurant Management (Food Service Managers).....	17

Executive Summary

- Occupation information on Royal Oak/Southfield's academic programs was collected for the campuses' Academic Master Planning efforts using the Community College Strategic Planner. *in the CC Benefits online tool.*
- The occupations for which projections were made were: Massage Therapy, Medical Assisting, Photography, Physical Therapy Assisting, Pottery/Ceramics, and Restaurant Management. All information gathered is projected for the year 2010 and is relevant to Oakland County. Information for Michigan and the country are also included in the report.
- In the field of Massage Therapy, jobs are expected to increase by approximately 24.0% (53 jobs) *by* in the year 2010 in Oakland County. Michigan and the overall country will also see a similar increase in job availability.
- On the same respect, the occupation of Medical Assisting will lend an approximate increase of 34.0% (714 jobs) in the year 2010 in Oakland County. Similar increases will be seen for Michigan and the country.
- Five percent (5.0%) of opportunities *by* in the field of Photography are expected to decrease by approximately 92 jobs in the year 2010 in Oakland County. Michigan and the overall country will witness a similar decrease, (-) 1.0% and (-) 3.0% respectively.
- An increase of 26.0% (98 jobs) for Physical Therapy Assistants will be seen *by* in the year 2010 in Oakland County. Similar increase will be observed in Michigan and the country.
- Craft Artists and Fine Artists in the occupation of Pottery/Ceramics will see an approximate increase of 15.0% (18 jobs) and 19.0% (36 jobs), respectively, by 2010 in Oakland County. Michigan and the overall country will also experience increases for Craft Artists and Fine Artists.
- In the field of Restaurant Management, food service managers are expected to experience an approximate increase of 31.0% (412 jobs) in the year 2010 in Oakland County. Similar increases will be seen in Michigan and the country.

3

**Oakland Community College
Community College Strategic Planner
Job Market Overview
Royal Oak/Southfield
February 2007**

Massage Therapy

Information below is relevant to Oakland County. Please see the Appendix B for statistics related to the state and the county.

- In 2005, 360 jobs were recorded for Massage Therapists in Oakland County.
- Based on projections, 413 jobs will be available in 2010, indicating an increase in job opportunities for Massage Therapists by 24.0%. Specifically, there will be a 15.0% increase in "newly created jobs" (53 jobs) and an increase of 9.0% in replacement job opportunities (33 jobs) from 2005 to 2010.
- Between 2005 and 2010, 33 jobs will need to be replaced by virtue of retirements, death, and job changes.
- Currently, Massage Therapists earn on average \$18.73 per hour.
- With respect to educational training, Massage Therapists will need to have earned a "Post-secondary Vocational Award." Occupations requiring this type of educational level will have to obtain skills through vocational school training.

Medical Assisting

Information below is relevant to Oakland County. Please see Appendix C for statistics related to the state and the country.

- In 2005, 2,879 jobs were recorded for Medical Assistants in Oakland County.
- Based on projections, 3,594 jobs will be available in 2010, indicating an increase in job opportunities for Medical Assistants by 34.0%. Specifically, there will be a 25.0% increase in "newly created jobs" (714 jobs) and an increase of 9.0% in replacement job opportunities (256 jobs) from 2005-2010.
- Between 2005 and 2010, 256 jobs will need to be replaced by virtue of retirements, death, and job changes.
- Currently, Medical Assistants earn on average \$12.46 per hour.
- With respect to educational training, Medical Assistants require "Moderate-term, on-the-job Training." Occupations requiring this type of educational level will develop average job performance after 1 to 12 months of combined on-the-job experience and informal training.

Oakland Community College
Community College Strategic Planner
Job Market Overview
Royal Oak/Southfield
February 2007

Photography

Information below is relevant to Oakland County. Please see Appendix D for statistics related to the state and the country.

- In 2005, 2,210 jobs were recorded for Photographers in Oakland County.
- Based on projections, 2,117 jobs will be available in 2010, indicating a decrease in job opportunities for Photographers by 5.0%. Specifically, there will be a 4.0% decrease in "newly created jobs" (-92 jobs) and an increase of 10.0% in replacement job opportunities (211 jobs) from 2005-2010.
- Between 2005 and 2010, 211 jobs will need to be replaced by virtue of retirements, death, and job changes.
- Currently, Photographers earn on average \$13.17 per hour.
- With respect to educational training, Photographers require "Long-term, on-the-job Training." Occupations requiring this type of educational level require more than 12 months of on-the-job training or combined work experience, and formal classroom instruction. This type of training will enable Photographers to develop the skills needed for average job performance.

Physical Therapy Assisting

Information below is relevant to Oakland County. Please see Appendix E for statistics related to the state and the country.

- In 2005, 538 jobs were recorded for Physical Therapy Assistants in Oakland County.
- Based on projections, 637 jobs will be available in 2010, indicating an increase in job opportunities for Physical Therapy Assistants by 26.0%. Specifically, there will be an 18.0% increase in "newly created jobs" (98 jobs) and an increase of 8.0% in replacement job opportunities (43 jobs) from 2005-2010.
- Between 2005 and 2010, 43 jobs will need to be replaced by virtue of retirements, death, and job changes.
- Currently, Physical Therapy Assistants earn on average \$16.08 per hour.
- With respect to educational training, Physical Therapy Assistants will need to have earned an "Associates Degree." Occupations requiring this type of educational level will have to complete at least 2 years full-time academic study beyond high school.

Pottery/Ceramics (Craft Artists and Fine Artists)

Information below is relevant to Oakland County. Please see the Appendix F and G for statistics related to the state and the country.

Craft Artists

- In 2005, 322 jobs were recorded for Craft Artists in Oakland County.
- Based on projections, 340 jobs will be available in 2010, indicating an increase in job opportunities for Craft Artists by 15.0%. Specifically, there will be a 6.0% increase in "newly created jobs" (18 jobs) and an increase of 9.0% in replacement job opportunities (29 jobs) from 2005-2010.
- Between 2005 and 2010, 29 jobs will need to be replaced by virtue of retirements, death, and job changes.
- Currently, Craft Artists earn on average \$11.48 per hour.
- With respect to educational training, Craft Artists require "Long-term, on-the-job Training." Occupations requiring this type of educational level require more than 12 months of on-the-job training or combined work experience, and formal classroom instruction.

**Oakland Community College
Community College Strategic Planner
Job Market Overview
Royal Oak/Southfield
February 2007**

8

Fine Artists

- In 2005, 457 jobs were recorded for Fine Artists in Oakland County.
- Based on projections, 493 jobs will be available in 2010, indicating an increase in job opportunities for Fine Artists by 19.0%. Specifically, there will be an 8.0% increase in "newly created jobs" (36 jobs) and an increase of 11.0% in replacement job opportunities (49 jobs) from 2005-2010.
- Between 2005 and 2010, 49 jobs will need to be replaced by virtue of retirements, death, and job changes.
- Currently, Fine Artists earn on average \$30.32 per hour.
- With respect to educational training, Fine Artists require "Long-term, on-the-job Training." Occupations requiring this type of educational level require more than 12 months of on-the-job training or combined work experience, and formal classroom instruction.

Restaurant Management (Food Service Managers)

Information below is relevant to Oakland County. Please see Appendix H for statistics related to the state and the country.

- In 2005, 1,773 jobs were recorded for Food Service Managers in Oakland County.
- Based on projections, 2,185 jobs will be available in 2010, indicating an increase in job opportunities for Food Service Managers by 31.0%. Specifically, there will be a 23.0% increase in "newly created jobs" (412 jobs) and an increase of 8.0% in replacement job opportunities (145 jobs) from 2005-2010.
- Between 2005 and 2010, 145 jobs will need to be replaced by virtue of retirements, death, and job changes.
- Currently, Food Service Managers earn on average \$19.12 per hour.
- With respect to educational training, Food Service Managers require "Work Experience." Occupations requiring this type of educational level require skills obtained through work experience in a related occupation.

Appendix A: Definitions of Table Headings

The following definitions provide information which will be useful to interpret the data presented in the following tables.

Code: Refers to the Standard Occupation Classification (SOC) System Codes used to identify the specific occupation.

Name: Refers to the name or occupation category. Occupation categories reference information from the U.S. Department of Commerce, Bureau of Labor Statistics (BLS) Standard Occupation Classification (SOC) System Codes.

2005: Shows the actual jobs for 2005.

2010: Shows projected jobs for 2010.

New Jobs: Shows the change in jobs for the initial year to the projected year.

Replacement Jobs: Shows the jobs that will need to be filled because of retirements, deaths, and job changes between the initial year and the projected year.

Percent (%) New: Provides a relative measure of the need for newly trained workers. This number is calculated by taking the number of projected new jobs divided by the number of initial year jobs.

Percent (%) Rep: Provides a relative measure of the need for newly trained workers. This number is calculated by taking the number of projected replacement jobs divided by the number of initial year jobs.

Percent (%) New and Percent (%) Rep: Provides a relative measure of the need for newly trained workers. This number is calculated as the sum of new and replacement jobs, as a percent of initial year jobs.

Earnings: Provides average current hourly earnings per worker, excludes benefits.

Unemployment: Shows all persons who had no employment, were available for work, except temporary illness, and had made significant efforts to find employment.

Education Level: Show the national average level of education per occupation. Specific definitions of various educational levels will be provided in the report.

Massage Therapists

Oakland -- 26125

Code	Name	2005	2010	New Jobs	Replacement		% New		Earnings	Unemployment	Education Level
					Jobs	% New	% Rep.	and Rep.			
31-9011	Massage therapists	360	413	53	33	15%	9%	24%	\$18.73		Postsecondary vocational award

Michigan -- 26

Code	Name	2005	2010	New Jobs	Replacement		% New		Earnings	Unemployment	Education Level
					Jobs	% New	% Rep.	and Rep.			
31-9011	Massage therapists	2,067	2,390	323	196	16%	9%	25%	\$43.67		Postsecondary vocational award

USA -- 0

Code	Name	2005	2010	New Jobs	Replacement		% New		Earnings	Unemployment	Education Level
					Jobs	% New	% Rep.	and Rep.			
31-9011	Massage therapists	52,880	60,731	7,851	4,998	15%	9%	24%	\$18.03		Postsecondary vocational award

Data by Ccbenefits Inc. www.ccbenefits.com

Add P#5

Medical Assistants

Oakland -- 26125

Code	Name	2005	2010	New Jobs	Replacement		% New		Earnings	Education	
					Jobs	% New	% Rep.	and Rep.		Level	Level
31-9092	Medical assistants	2,879	3,594	714	256	25%	9%	34%	\$12.46		Moderate-term on-the-job training
Total		2,879	3,594	714	256	25%	9%	34%			

Michigan -- 26

Code	Name	2005	2010	New Jobs	Replacement		% New		Earnings	Education	
					Jobs	% New	% Rep.	and Rep.		Level	Level
31-9092	Medical assistants	15,484	19,346	3,862	1,368	25%	9%	34%	\$12.50		Moderate-term on-the-job training
Total		15,484	19,346	3,862	1,368	25%	9%	34%			

USA -- 0

Code	Name	2005	2010	New Jobs	Replacement		% New		Earnings	Education	
					Jobs	% New	% Rep.	and Rep.		Level	Level
31-9092	Medical assistants	425,389	544,273	118,884	37,982	28%	9%	37%	\$12.34		Moderate-term on-the-job training
Total		425,389	544,273	118,884	37,982	28%	9%	37%			

Data by Ccbenefits Inc. www.ccbenefits.com

Photographers

Oakland -- 26125

Code	Name	2005	2010 New Jobs	Replacement Jobs	% New	% Rep.	% New and Rep.	Earnings	Unemploy ment	Education Level
27-4021	Photographers	2,210	2,117	-92	211	-4%	10%	5%	\$13.17	Long-term on-the-job training

Michigan -- 26

Code	Name	2005	2010 New Jobs	Replacement Jobs	% New	% Rep.	% New and Rep.	Earnings	Unemploy ment	Education Level
27-4021	Photographers	10,887	9,694	-1,193	1,056	-11%	10%	-1%	\$12.70	Long-term on-the-job training

USA -- 0

Code	Name	2005	2010 New Jobs	Replacement Jobs	% New	% Rep.	% New and Rep.	Earnings	Unemploy ment	Education Level
27-4021	Photographers	422,290	391,759	-30,531	41,636	-7%	10%	3%	\$12.27	Long-term on-the-job training

Data by Ccbenefits Inc. www.ccbenefits.com

Physical Therapy Assistants

Oakland -- 26125

Code	Name	2005	2010 New Jobs	Replacement		% New		Earnings	Unemploy- ment	Education Level
				Jobs	% New	% Rep.	and Rep.			
31-2021	Physical therapist assistants	538	637	98	43	18%	8%	26%	\$16.08	Associate's degree

Michigan -- 26

Code	Name	2005	2010 New Jobs	Replacement		% New		Earnings	Unemploy- ment	Education Level
				Jobs	% New	% Rep.	and Rep.			
31-2021	Physical therapist assistants	2,684	3,261	576	214	21%	8%	29%	\$17.09	Associate's degree

USA -- 0

Code	Name	2005	2010 New Jobs	Replacement		% New		Earnings	Unemploy- ment	Education Level
				Jobs	% New	% Rep.	and Rep.			
31-2021	Physical therapist assistants	64,185	79,092	14,908	5,088	23%	8%	31%	\$18.66	Associate's degree

Data by Ccbenefits Inc. www.ccbenefits.com

Craft Artists

Oakland -- 26125

Code	Name	2005	2010 New Jobs	Replacement		% New		Earnings	Unemploy ment	Education Level
				Jobs	% New	% Rep.	and Rep.			
27-1012	Craft artists	322	340	18	29	6%	9%	15%	\$11.48	Long-term on-the-job training

Michigan -- 26

Code	Name	2005	2010 New Jobs	Replacement		% New		Earnings	Unemploy ment	Education Level
				Jobs	% New	% Rep.	and Rep.			
27-1012	Craft artists	1,675	1,852	177	153	11%	9%	20%	\$10.95	Long-term on-the-job training

USA -- 0

Code	Name	2005	2010 New Jobs	Replacement		% New		Earnings	Unemploy ment	Education Level
				Jobs	% New	% Rep.	and Rep.			
27-1012	Craft artists	66,103	72,225	6,122	5,817	9%	9%	18%	\$11.28	Long-term on-the-job training

Data by Ccbenefits Inc. www.ccbenefits.com