



OAKLAND COMMUNITY COLLEGE®

## **Find Programs Report**

***Programs of Study That Support Occupations in Demand  
Royal Oak & Southfield Campuses - 10 Mile Radius, 2006 - 2012***

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**Purpose**

The purpose the "Find Programs Report" is to bridge projected occupation growth with Oakland Community College's (OCC) programs of study. This report lists the top twenty (20) occupations projected to have the most growth (or change) within the Royal Oak and Southfield Campuses' 10 mile radius.

**Method**

Two (2) different data elements were used for this project. The Economic Modeling Specialists (EMSI) database was used for regional economic and labor market projection data, while the Office of Institutional Research supplied OCC's completer data for the last few years. The EMSI query isolated occupation projections for the 10 mile radius around the Royal Oak and Southfield Campuses, referencing occupations that need short-term on-the-job training through a bachelor's degree education. The timeline used for this study was 2006 through 2012, which allowed historical information from 2006 through 2009 to be used for a more realistic projection. The graduation data references only 'credit' type programs of study; therefore OCC's non-credit efforts are not represented in this report.

**Summary of Findings**

Healthcare occupations are projected to grow the most in the Royal Oak and Southfield Campuses' 10 mile radius from 2006 to 2012:

- Home Health Aides (#1; 1,876 job change)
- Registered Nurses (#2; 1,569 job change)
- Personal and Home Care Aides (#3; 1,414 job change)
- Nursing Aides, Orderlies, and Attendants (#4; 923 job change)

OCC currently offers credit programs to support these occupations listed below. However, it may be important to review these programs to determine if they meet the demands of the students (offering enough sections, etc.) to support these occupations:

- Registered Nurses (#2)
- Medical Assistants (#7)
- Social and Human Service Assistants (#9)
- Pharmacy Technicians (#16)
- Computer Software Engineers, Applications (#17)
- Network Systems and Data Communications Analysts (#18)
- Dental Assistants (#19)

Of the top twenty (20) occupations in the region, there are a few occupations that indicate needing a Bachelor's Degree level of education. Royal Oak Campus might want to consider expanding course offerings for transferring credits to support these occupations:

- Personal Financial Advisor (#5)
- Medical and Public Health Social Workers (#11)
- Property, Real Estate, and Community Association Managers (#13)
- Securities, Commodities, and Financial Services Sales Agents (#14)
- Child, Family, and School Social Workers (#20)

From the top twenty (20) occupations, below are the occupations not currently supported by any OCC credit programs or for which OCC has not indicated any completers / graduates in the last few years:

- Home Health Aides (#1)
- Personal and Home Care Aides (#3)
- Nursing Aides, Orderlies, and Attendants (#4)
- Real Estate Brokers (#6)
- Security Guards (#8)
- Real Estate Sales Agents (#10)
- Child Care Workers (#12)
- Psychiatric Aides (#15)

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These data illustrate the top twenty (20) occupations projected to have the most growth (or change) in the Royal Oak and Southfield Campuses' 10 mile radius. The information below is in the 'Job Change Ranking' column, which indicates the order of the occupations' projected change, descending. Below each Occupation Title are Instructional Programs (with CIP Code) these are the programs of study, some of which are not offered at OCC, associated with each occupation. In some cases there is more than one program of study for an occupation.

OCC graduate data are also included in this table, referencing academic years 2005-06 through 2007-08. This shows the number of OCC students who graduated in each program for the academic year. An asterisk ( \* ) in the SOC Code column signifies the fact that OCC has had completers in these programs.

Job Change Ranking	SOC Code	Occupation / Instructional Programs	2006 Jobs	2012 Jobs	Change	Education Level	Current Hourly Earnings	2006 OCC Completers (AY0506)	2007 OCC Completers (AY0607)	2008 OCC Completers (AY0708)	OCC "C" Program
1	31-1011	Home health aides	8,745	10,621	1,876	Short-term on-the-job training	\$9.55				
		Home Health Aide/Home Attendant (CIP Code - 51.2602)	--	--	--		--	0	0	0	No OCC Credit Program
2	29-1111	Registered nurses	18,713	20,282	1,569	Associate's degree	\$31.92				
		Pre-Nursing Studies (CIP Code - 51.1105)	--	--	--		--	0	0	0	No OCC Credit Program
		Health/Medical Preparatory Programs, Other (CIP Code - 51.1199)	--	--	--		--	0	0	0	No OCC Credit Program
	*	Nursing/Registered Nurse (RN, ASN, BSN, MSN) (CIP Code - 51.1601)	--	--	--		--	228	181	225	NUR.AASX NUR.APP NUR.RNE.AA NUR.RNE.AA NUR.TPN.AA NUR.TPN.AA NUR.TPN.AP
		Adult Health Nurse/Nursing (CIP Code - 51.1603)	--	--	--		--	0	0	0	No OCC Credit Program
		Nurse Anesthetist (CIP Code - 51.1604)	--	--	--		--	0	0	0	No OCC Credit Program
		Family Practice Nurse/Nurse Practitioner (CIP Code - 51.1605)	--	--	--		--	0	0	0	No OCC Credit Program

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		Maternal/Child Health and Neonatal Nurse/Nursing (CIP Code - 51.1606)	--	--	--		--	0	0	0	No OCC Credit Progr.
		Nurse Midwife/Nursing Midwifery (CIP Code - 51.1607)	--	--	--		--	0	0	0	No OCC Credit Progr.
		Nursing Science (MS, PhD) (CIP Code - 51.1608)	--	--	--		--	0	0	0	No OCC Credit Progr.
		Pediatric Nurse/Nursing (CIP Code - 51.1609)	--	--	--		--	0	0	0	No OCC Credit Progr.
		Psychiatric/Mental Health Nurse/Nursing (CIP Code - 51.1610)	--	--	--		--	0	0	0	No OCC Credit Progr.
		Public Health/Community Nurse/Nursing (CIP Code - 51.1611)	--	--	--		--	0	0	0	No OCC Credit Progr.
		Perioperative/Operating Room and Surgical Nurse/Nursing (CIP Code - 51.1612)	--	--	--		--	0	0	0	No OCC Credit Progr.
	*	Licensed Practical/Vocational Nurse Training (CIP 51.1613)						19	19	23	FEC.AAS (Ina LPN (Inactive NUR.MCL.CT NUR.PNE.CT NUR.PNE.AP
		Clinical Nurse Specialist (CIP Code - 51.1616)	--	--	--		--	0	0	0	No OCC Credit Progr.
		Critical Care Nursing (CIP Code - 51.1617)	--	--	--		--	0	0	0	No OCC Credit Progr.
		Occupational and Environmental Health Nursing (CIP Code - 51.1618)	--	--	--		--	0	0	0	No OCC Credit Progr.
		Nursing, Other (CIP Code - 51.1699)	--	--	--		--	0	0	0	No OCC Credit Progr.



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3	39-9021	Personal and home care aides	4,981	6,395	1,414	Short-term on-the-job training	\$10.04				
		Cooking and Related Culinary Arts, General (CIP Code - 12.0500)	--	--	--		--	0	0	0	No OCC Credit Program
		Foods, Nutrition, and Wellness Studies, General (CIP Code - 19.0501)	--	--	--		--	0	0	0	No OCC Credit Program
		Home Health Aide/Home Attendant (CIP Code - 51.2602)	--	--	--		--	0	0	0	No OCC Credit Program
4	31-1012	Nursing aides, orderlies, and attendants	10,965	11,888	923	Postsecondary vocational award	\$12.70				
		Nurse/Nursing Assistant/Aide and Patient Care Assistant (CIP Code - 51.1614)	--	--	--		--	0	0	0	No OCC Credit Program
		Health Aide (CIP Code - 51.2601)	--	--	--		--	0	0	0	No OCC Credit Program
5	13-2052	Personal financial advisors	5,348	6,133	785	Bachelor's degree	\$20.31				
		Finance, General (CIP Code - 52.0801)	--	--	--		--	0	0	0	No OCC Credit Program
		Financial Planning and Services (CIP Code - 52.0804)	--	--	--		--	0	0	0	No OCC Credit Program
6	41-9021	Real estate brokers	11,711	12,405	694	Work experience in a related field	\$11.85				
		Real Estate (CIP Code - 52.1501)	--	--	--		--	0	0	0	RES.AAS (Inactive) RES.CA (Inactive) RES.CT (Inactive)