

KEEPING OPTIONS OPEN/TECHNICAL COLLEGE PREPARATION

ENROLLMENT AND HIGH SCHOOL GRADUATES

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Executive Summary

The Keeping Options Open/Technical College Preparation (KOO/TCP) program facilitates a seamless transition for students from a high school career oriented curriculum to a career program at Johnson County Community College (JCCC). An evaluation tool was developed by JCCC in order to measure the effectiveness of the KOO/TCP program, to identify students matching the State definition of a TCP student (a senior who has successfully completed the core curriculum classes and one or two electives in a Technical College Preparation cluster), and to track the number of students who transitioned and completed one of the six JCCC Technical College Preparation Clusters (Arts and Communication, Business Management and Technology, Health Services, Industrial and Engineering Technology, and Natural Resources/Agriculture).

Method

During the 2005 Fall Semester, two separate surveys were sent to twelve school districts in Johnson County (Blue Valley, De Soto, Gardner-Edgerton, Eudora, Lawrence, Louisburg, Mill Valley, Olathe, Perry, Shawnee Mission, Spring Hill, and St. Thomas Aquinas). All twelve districts responded to both surveys.

The first survey gathered information about high school students enrolled in TCP cluster courses for the 2004-2005 Academic Year. This information included demographic information as well as the clusters in which students were enrolled. The second survey gathered information about the 2005 graduates from the high schools within these districts who were enrolled at JCCC for the Fall 2005 semester. The school districts were asked to list the clusters for each individual student who matched the state definition of a TCP student. This information was then used to describe the demographic characteristics of TCP graduates enrolled at JCCC, as well as information about their majors, educational goals, and enrollment status (full-time, part-time).

A summary of the results may be found below. Tabled findings are included as Appendix A.

Summary of Results

Enrollment Characteristics

- A total of 3,350 students enrolled in one of the twelve districts fit the state definition of a TCP student. This is an increase of 50% from 2002.
- The largest percentage of TCP/KOO students were enrolled in the Business and Information Technology Cluster (40.4%) during the 2004-2005 Academic Year. The next two largest groups of students were enrolled in Arts and Communications Technology Cluster (20.0%) and Industrial and Engineering Technology Cluster (19.4%).
- There was very little difference in the number of female students (1,670) and the number of male students (1,680) enrolled in TCP Clusters.
- Most TCP/KOO students were white (86.7%). African-American students made up 4.5 % of the TCP/KOO students, while 3.6% were Hispanic.

Graduates

- There were a total of 514 TCP graduates attending JCCC in the Fall of 2005. This is a 41% increase from the Fall of 2002.
- The majority of 2005 TCP graduates (82.7%) who attended JCCC in the Fall 2005 were enrolled full-time. The percent of TCP graduates who enroll full-time has increased over-time from 78% in 2002 to 83% in 2005.
- The largest percent of JCCC TCP students majored in Liberal Arts (44%), while those students who were Undecided made up the next largest group of students (34.6%). Of the students who were either Undecided or who majored in Liberal Arts, the majority hoped to transfer to another college or university (45.5% and 42.9%, respectively).
- For students majoring in Liberal Arts, the percent who wanted to explore courses to decide on a new career (21.7%) was similar to the percent of those who were undecided in their educational goals (20.8%). However, for the students who had not decided on a major, a larger percent were undecided in their educational goals (33.1%), as compared to those who were exploring courses to decide on a new career (16.3%).

Appendix A: Tabled Findings

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Table 1

**HIGH SCHOOL TECHNICAL COLLEGE PREPARATION
ENROLLMENT CHARACTERISTICS
2004-2005 ACADEMIC YEAR**

Characteristics	Number	Percent
<i>Total Enrollment</i>	3,350	100.0%
<i>Gender</i>		
Female	1,670	49.9%
Male	1,680	50.1
<i>School District</i>		
Blue Valley	282	8.4%
De Soto	55	1.6
Gardner-Edgerton	76	2.3
Eudora	48	1.4
Lawrence	571	17.0
Louisburg	84	2.5
Mill Valley	51	1.5
Olathe	590	17.6
Perry	46	1.4
Shawnee Mission	1,533	45.8
Spring Hill	6	0.2
St. Thomas Aquinas	8	0.2
<i>Ethnicity</i>		
African American	151	4.5%
Asian or Pacific Islander	77	2.3
Hispanic	121	3.6
Native American	25	0.7
White	2,905	86.7
Other/Unknown	71	2.1
<i>Limited English Proficiency</i>	31	0.9%
<i>Students with Disabilities</i>	169	5.0%
<i>Economically and/or Educationally Disadvantaged</i>	187	5.6%
<i>Tech Prep Cluster¹</i>		
Arts and Communications Technology	671	20.0%
Business and Information Technology	1,353	40.4
Health Services	332	9.9
Human Services Technology	299	8.9
Industrial and Engineering Technology	661	19.7
Natural Resources/Agriculture Technology	88	2.6

¹ Students may be enrolled in more than one cluster. Therefore, numbers and percentages are not additive.

Table 2

**HIGH SCHOOL TECHNICAL COLLEGE PREPARATION
ENROLLMENT CHARACTERISTICS
Comparisons Between 2002, 2003, 2004, and 2005 ACADEMIC YEAR**

Characteristics	2002		2003		2004		2005	
	N	% of Total	N	% of Total	N	% of Total	N	% of Total
Total Enrollment	2,240	100%	2,433	100%	2,615	100%	3,350	100%
Gender								
Female	1,080	48%	1,137	47%	1,370	52%	1,670	50%
Male	1,160	52%	1,146	47%	1,245	48%	1,680	50%
Unknown	0	0%	150	6%	0	0%	0	0%
School District								
Blue Valley	85	4%	50	2%	255	10%	282	8%
De Soto	30	1%	36	1%	49	2%	55	2%
Gardner-Edgerton	73	3%	124	5%	44	2%	76	2%
Eudora	N/A		N/A		52	2%	48	1%
Kansas School for the Deaf	0	0%	3	0%	0	0%	0	0%
Lawrence	121	5%	150	6%	133	5%	571	17%
Louisburg	17	1%	57	2%	74	3%	84	3%
Mill Valley	0	0%	12	0%	13	0%	51	2%
Olathe	706	32%	550	23%	403	15%	590	18%
Perry	7	0%	44	2%	42	2%	46	1%
Shawnee Mission	1,192	53%	1,391	57%	1,536	59%	1,533	46%
Spring Hill	9	0%	6	0%	3	0%	6	0%
St. Thomas Aquinas	0	0%	10	0%	11	0%	8	0%
Ethnicity								
African American	93	4%	93	4%	93	4%	151	5%
Asian or Pacific Islander	75	3%	85	3%	88	3%	77	2%
Hispanic	81	4%	72	3%	62	2%	121	4%
Native American	11	0%	5	0%	7	0%	25	1%
White	1,969	88%	2,167	89%	2,347	90%	2,905	87%
Other/Unknown	11	0%	11	0%	18	1%	71	2%
Limited English Proficiency	14	1%	10	0%	24	1%	31	1%
Students with Disabilities	152	7%	86	4%	72	3%	169	5%
Economically Disadvantaged	69	3%	147	6%	160	6%	187	6%
Tech Prep Cluster¹								
Arts and Communications Technology	357	16%	437	18%	602	23%	671	20%
Business and Information Technology	993	44%	1,073	44%	968	37%	1,353	40%
Health Services	152	7%	301	12%	282	11%	332	10%
Human Services Technology	263	12%	300	12%	290	11%	299	9%
Industrial and Engineering Technology	470	21%	490	20%	650	25%	661	20%
Natural Resources/Agriculture Technology	5	0%	48	2%	52	2%	88	3%

¹ Students may be enrolled in more than one cluster. Therefore, numbers and percentages are not additive.

Table 3

**HIGH SCHOOL TECHNICAL COLLEGE PREPARATION
ENROLLMENT BY DISTRICT BY CLUSTER 2004-2005**

School District	<u>Tech Prep Cluster</u>					
	Arts & Comm. Tech	Business & Information Tech	Health Services	Human Services Tech	Industrial & Engineering Tech	Natural Resources/ Agriculture Tech
Blue Valley	153	21	13	7	48	88
De Soto	1	16	15	7	9	7
Gardner-Edgerton	0	32	0	17	27	0
Eudora	6	24	2	0	14	2
Lawrence	85	184	54	49	84	47
Louisburg	32	20	1	11	9	11
Mill Valley	23	38	0	0	26	0
Olathe	184	133	76	103	94	0
Perry	46	44	8	46	7	21
Shawnee Mission	141	833	157	59	343	0
Spring Hill	0	0	6	0	0	0
St. Thomas Aquinas	0	8	0	0	0	0
Total	671	1,353	332	299	661	176

Table 4

JCCC CHARACTERISTICS OF TECHNICAL PREPARATION
HIGH SCHOOL GRADUATES ATTENDING JCCC
FALL 2005

Characteristics	Number	Percent
Enrolled	514	100.0%
Gender		
Female	245	47.7%
Male	269	52.3
Status		
Full-Time	425	82.7%
Part-Time	89	17.3
Ethnicity		
African-American	17	3.3%
Asian or Pacific Islander	17	3.3
Hispanic	22	4.3
Native American	6	1.2
White	387	75.3
Other	7	1.4
Unknown	58	11.3
Enrolled in Developmental Math	155	30.1%
Enrolled in Developmental English	108	21.0%
JCCC Major		
AAS Kansas Cosmetology	1	0.2%
Accounting	7	1.4
Adm Asst w Medical Emph	1	0.2
Administration of Justice	4	0.8
Administrative Assistant	1	0.2
Assoc General Studies Degree	3	0.6
Automotive Technology	8	1.6
Business Administration	18	3.5
Business Entrepreneurship	5	1.0
Business Plan	1	0.2
CAD & Design Tech CAD	2	0.4
Chef Apprenticeship	6	1.2
Civil Engineering Technology	5	1.0
Communication Design	1	0.2
Computer Information Systems	1	0.2
Construction Management	1	0.2
Cosmetology	2	0.4
Early Childhood Education	2	0.4
Entrepreneurship	1	0.2
Fashion Design	4	0.8
Fashion Merchandising	8	1.6

Table 4 (continued)

**JCCC CHARACTERISTICS OF TECHNICAL COLLEGE PREPARATION
HIGH SCHOOL GRADUATES ATTENDING JCCC
FALL 2005**

Characteristics	Number	Percent
JCCC Major (continued)		
Fire Services Administration	8	1.6%
Graphic Design	2	0.4
Health Information Tech	1	0.2
Hotel & Lodging Management	1	0.2
HVAC Commercial Service Tech	1	0.2
Interior Design	4	0.8
Liberal Arts	226	44.0
Marketing and Management	1	0.2
Metal Fabrication Technology	1	0.2
Multimedia Design	1	0.2
Pastry/Baking	1	0.2
Physical Therapist Asst	3	0.6
Radiological Technology	2	0.4
Railroad Conductor Cert	1	0.2
Undecided	178	34.6
Web Design	1	0.2
Liberal Arts Majors		
Transfer to another college or university	97	42.9%
Prepare to enter the job market	22	9.7
Improve skills for present job	0	0.0
Explore courses to decide on new career	49	21.7
Remedy or review basic skills	1	0.4
Personal interest or self-improvement	10	4.4
Undecided	47	20.8
Undecided on Major		
Transfer to another college/university	81	45.5%
Prepare to enter job market	6	3.4
Improve skills for present job	1	0.6
Explore courses to decide on career	29	16.3
Remedy or review basic skills	0	0.0
Personal interest or self-improvement	2	1.1
Undecided	59	33.1
JCCC major corresponds to HS Tech Prep Cluster		
Minus intent to transfer students	44	8.5%
		14.6

Table 5

**JCCC CHARACTERISTICS OF TECHNICAL PREPARATION
HIGH SCHOOL GRADUATES ATTENDING JCCC
Comparisons Between 2002, 2003, 2004 and 2005**

Characteristics	2002		2003		2004		2005	
	N	% of Total	N	% of Total	N	% of Total	N	% of Total
Enrolled	365	100%	393	100%	604	100%	514	100%
Gender								
Female	201	55%	208	53%	292	48%	245	48%
Male	164	45%	185	47%	312	52%	269	52%
Status								
Full-Time	283	78%	311	79%	486	80%	425	83%
Part-Time	82	22%	82	21%	118	20%	89	17%
Ethnicity								
African-American	17	5%	7	2%	23	4%	17	3%
Asian or Pacific Islander	7	2%	3	1%	27	4%	17	3%
Hispanic	10	3%	13	3%	20	3%	22	4%
Native American	0	0%	6	2%	6	1%	6	1%
White	287	79%	307	78%	430	71%	387	75%
Other	4	1%	7	2%	11	2%	7	1%
Unknown	40	11%	50	13%	87	14%	58	11%
Enrolled in Developmental Math	124	34%	121	31%	172	28%	155	30%
Enrolled in Developmental English	75	21%	68	17%	133	22%	108	21%
JCCC Major								
Liberal Arts	170	47%	181	46%	294	49%	226	44%
Undecided	123	34%	133	34%	177	29%	178	35%
JCCC major corresponds to Tech Prep High School cluster	33	9%	38	10%	77	13%	44	9%