

M E M O R A N D U M

JCCC



Johnson County Community College
Institutional Research - COM 305
12345 College Blvd.
Overland Park, Kansas 66210-1299
(913) 469-8500

DATE: December 6, 2004

TO: Minnie Gilmer and Bill Osborn

FROM: Larry Bunce, Institutional Research

SUBJECT: KEEPING OPTIONS OPEN/TECHNICAL COLLEGE PREPARATION
2004 DATA COLLECTION

Attached for your review are several tables detailing the enrollment characteristics of Tech Prep students during the 2003-2004 school year and the JCCC characteristics of those tech Prep students attending JCCC this fall. Overall, the number of individuals classified as being Tech Prep students rose by 7.5 percent to 2,615 students during the 2003-2004 academic year. This increase was primarily evident in the Blue Valley and Shawnee Mission school districts. As in previous years, the most popular Tech Prep cluster is the Business and Information Technology cluster, however, increases were apparent in the Arts and Communications Technology and Industrial and Engineering Technology clusters.

A total of 604 students designated as Tech Prep students enrolled at JCCC this fall, representing a 54% increase from the previous year. While the majority of students continue to select Liberal Arts or Undecided as their college major, approximately 13% of the students enrolled in a college major that corresponded to their High School Tech Prep Cluster. If you exclude the students who indicated their educational objective was to transfer to another college or university, the match rate increases to 21%.

Please give me a call at ext. 3443 if you have any questions about these results and I will be happy to discuss them with you.

Enclosures

cc: Jeff Seybert

Table 1

**HIGH SCHOOL TECHNICAL COLLEGE PREPARATION
ENROLLMENT CHARACTERISTICS
2003-2004 ACADEMIC YEAR**

Characteristics	Number	Percent
<i>Total Enrollment</i>	2,615	100.0%
<i>Gender</i>		
Female	1,370	52.4%
Male	1,245	47.6
<i>School District</i>		
Blue Valley	255	9.8%
DeSoto	49	1.9
Gardner-Edgerton	44	1.7
Eudora	52	2.0
Lawrence	133	5.1
Louisburg	74	2.8
Mill Valley	13	0.5
Olathe	403	15.4
Perry	42	1.6
Shawnee Mission	1,536	58.7
Spring Hill	3	0.1
St. Thomas Aquinas	11	0.4
<i>Ethnicity</i>		
African American	93	3.6%
Asian or Pacific Islander	88	3.4
Hispanic	62	2.4
Native American	7	0.3
White	2,347	89.8
Other/Unknown	18	0.7
<i>Limited English Proficiency</i>	24	0.9%
<i>Students with Disabilities</i>	72	2.8%
<i>Economically and/or Educationally Disadvantaged</i>	160	6.1%
<i>Tech Prep Cluster¹</i>		
Arts and Communications Technology	602	23.0%
Business and Information Technology	968	37.0
Health Services	282	10.8
Human Services Technology	290	11.1
Industrial and Engineering Technology	650	24.9
Natural Resources/Agriculture Technology	52	19.9

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 BY DISTRICT BY CLUSTER 2003-2004**

School District	Arts & Comm. Tech	Business & Information Tech	Health Tech Prep Services	Human Services Cluster Tech	Industrial & Engineering Tech	Natural Resources/ Agriculture Tech
Blue Valley	185	3	25	0	42	0
DeSoto	4	14	17	5	11	0
Gardner-Edgerton	0	20	0	0	24	0
Eudora	14	19	3	5	11	2
Lawrence	60	35	0	0	32	6
Louisburg	24	8	3	12	16	18
Mill Valley	1	4	2	0	4	2
Olathe	140	133	47	68	15	0
Perry	39	39	4	42	5	24
Shawnee Mission	135	682	179	158	489	0
Spring Hill	0	0	2	0	1	0
St. Thomas Aquinas	0	11	0	0	0	0
Total	602	968	282	290	650	52

Table 3

**JCCC CHARACTERISTICS OF TECHNICAL PREPARATION
HIGH SCHOOL GRADUATES ATTENDING JCCC
FALL 2004**

Characteristics	Number	Percent
Enrolled	604	100.0%
Gender		
Female	292	48.3%
Male	312	51.7
Status		
Full-Time	486	80.5%
Part-Time	118	19.5
Ethnicity		
African-American	23	3.8%
Asian or Pacific Islander	27	4.5
Hispanic	20	3.3
Native American	6	1.0
White	430	71.2
Other	11	1.8
Unknown	87	14.4
Enrolled in Developmental Math	172	28.5%
Enrolled in Developmental English	133	22.0%
JCCC Major		
Accounting	5	0.8%
Administration of Justice	4	0.7
Automotive Technology	13	2.2
Business Administration	12	2.0
Business Entrepreneurship	8	1.3
Business Office Technology	2	0.3
Certified Nurse Aide	3	0.5
Chef Apprenticeship	11	1.8
Civil Engineering	2	0.3
Communication Design	11	1.8
Computer Information Systems	6	1.0
Cosmetology	1	0.2
Early Childhood Education	11	1.8
Emergency Medical Science	2	0.3
Fashion Merchandising & Design	8	1.3
Fire Service Administration	1	0.2
Food & Beverage Management	3	0.5
Health Information Technology	1	0.2
Horticulture	1	0.2
Hotel/Motel Management	1	0.2

Table 3 (continued)

**JCCC CHARACTERISTICS OF TECHNICAL COLLEGE PREPARATION
HIGH SCHOOL GRADUATES ATTENDING JCCC
FALL 2004**

Characteristics	Number	Percent
JCCC Major (continued)		
Fashion Merchandising & Design	8	1.3
Fire Service Administration	1	0.2
Food & Beverage Management	3	0.5
Health Information Technology	1	0.2
Horticulture	1	0.2
Hotel/Motel Management	1	0.2
HVAC	2	0.3
Industrial Maintenance	2	0.3
Information Technology	3	0.5
Interactive Media	2	0.3
Interior Design	3	0.5
Liberal Arts	294	48.7
Marketing & Management	3	0.5
Metal Fabrication	1	0.2
Physical Therapy Assistant	1	0.2
Radiologic Technology	3	0.5
Railroad Operations	2	0.3
Veterinary Technology	5	0.8
Undecided	177	29.3
Liberal Arts Majors		
Transfer to another college or university	145	49.3%
Prepare to enter the job market	29	9.9
Improve skills for present job	5	1.7
Explore courses to decide on new career	54	18.4
Remedy or review basic skills	1	0.3
Personal interest or self-improvement	11	3.7
Undecided	49	16.7
Undecided on Major		
Transfer to another college/university	88	49.7%
Prepare to enter job market	5	2.8
Improve skills for present job	1	0.6
Explore courses to decide on career	29	16.4
Remedy or review basic skills	3	1.7
Personal interest or self-improvement	10	5.6
Undecided	41	23.2
JCCC major corresponds to HS Tech Prep Cluster	77	12.8%
Minus intent to transfer students		20.8%

Table 3 (continued)

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

Characteristics	2002	2003	2004
Enrolled	365	393	604
Gender			
Female	201	208	292
Male	164	185	312
Status			
Full-Time	283	311	486
Part-Time	82	82	118
Ethnicity			
African-American	17	7	23
Asian or Pacific Islander	7	3	27
Hispanic	10	13	20
Native American	0	6	6
White	287	307	430
Other	4	7	11
Unknown	40	50	87
Enrolled in Developmental Math	124	121	172
Enrolled in Developmental English	75	68	133
JCCC Major			
Liberal Arts	170	181	294
Undecided	123	133	177
JCCC major corresponds to Tech Prep High School cluster	33	38	77