



# MCTC Academic Program Review Summary Report FY09

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Prepared by:

Office of Strategy, Planning & Accountability  
Minneapolis Community & Technical College  
1501 Hennepin Ave  
Minneapolis, MN 55403

Contact:

Elizabeth Yeh, Ph.D.  
Director of Institutional Research and Assessment  
Kopp Hall K1300  
612-659-6306

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## Overview of Academic Program Review Fiscal Year 2009

### Introduction and Overview

Academic Program Review for FY09 is similar to past Academic Program Reviews with some changes. First, financial allocation measures (based on the MnSCU instructional cost study) are not included in the reports. In addition, assessment of student learning outcome data is not included because data is not yet available. The following separate additional reports will be forthcoming when FY09 data is available:

- Financial allocation measures (based on MnSCU Instructional cost study)
- Assessment of student learning
- Wage and labor market data

Finally, in order to facilitate timely completion of the reports, enrollment and efficiency measures have been retrieved directly from the MnSCU Hyperion/Brio Report Tool: Academic Program Management/Instructional Section Costs (see table below).

When reviewing the individual program review tables, please note that gray areas indicate data is not available for that specific data element, either because the data source did not have the data or the program was not in offered at MCTC during that time period.

### Overall Enrollment and Efficiency Measures

These measures provide program-level information about enrollment and efficiency. The following table provides a detailed explanation of the measures for this section as well as information about the source of the data. The label in brackets is the column heading from the MnSCU Hyperion report where it is applicable.

OVERALL ENROLLMENT AND EFFICIENCY MEASURES	
Measure	Definition and Parameters
<b>Total FYE<sup>2</sup></b>	The total of all registered student credit hours for a fiscal year is divided by 30. [Student FYE]
<b>Faculty FTE<sup>2</sup></b>	Full time equivalent faculty (instructional) activity by course rolled up to the subject level. [Direct Instruction FTE] <i>Note: an exception is contact hour calculations which are not reflected</i>
<b>Student/Faculty Ratio<sup>2</sup></b>	The total Student FYE divided by Faculty FTE, expressed as a ratio of students to one faculty. [Student FYE]/[Direct Instruction FTE]
<b>Subject Cost/FYE<sup>2</sup></b>	The Subject cost per FYE, direct instructional costs including faculty salaries, non-personnel expenses and equipment. [Cost per SUBJ]
<b>Number of Sections<sup>2</sup></b>	The total number of course sections taught in a subject during a fiscal year. [Section Count]
<b>Total Number of Seats Filled<sup>2</sup></b>	The number of students enrolled in a 4-digit subject code (SUBJ) courses during a fiscal year. [Number Enrolled]
<b>Average Section Size<sup>2</sup></b>	The total number of seats filled divided by the total number of sections. [Avg Nbr Enrl per Section]
<b>Saturation Rate<sup>2</sup></b>	A calculated field reflecting the total number of seats filled divided by the maximum capacity for all course in a SUBJ. [Number Enrolled/Max Size] <i>Note: Uses Max Size from Instruction Cost by Section MnSCU Report</i>
<b>Unduplicated Headcount<sup>1</sup></b>	The unduplicated count of total number of students enrolled in SUBJ courses during a fiscal year.

**Sources:** <sup>1</sup>MnSCU Operational Data. <sup>2</sup>Data from MnSCU Hyperion/Brio Report Tool: Academic Program Management/Instructional Section Costs.

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<b>OVERALL ENROLLMENT AND EFFICIENCY MEASURES</b>	
<i>Measure</i>	<i>Definition and Parameters</i>
<b>Percent Underrepresented Students<sup>1</sup></b>	The number of underrepresented students divided by the unduplicated headcount. A student is considered underrepresented if any one of three criteria is met: <ul style="list-style-type: none"> <li>• <i>Students of Color</i>: ethnicity of African or African-American, Native American, Asian/Pacific Islander, or Hispanic</li> <li>• <i>First-generation</i>: Defined by the Minnesota State Legislature for accountability purposes as a student neither of whose parents attended college.</li> <li>• <i>Low-income</i>: Defined as students who applied for financial aid and are eligible for a Pell Grant.</li> </ul>
<b>Percent Students of Color<sup>1</sup></b>	The subset of the above measures including ethnicity of African or African-American, Native American, Asian/Pacific Islander, or Hispanic and do not have Resident Alien status.

*Sources:* <sup>1</sup>MnSCU Operational Data. <sup>2</sup>Data from MnSCU Hyperion/Brio Report Tool: Academic Program Management/Instructional Section Costs.

### Overall Student Success Measures

Similar to Academic Program Review in FY08, course-level success measures (i.e., course completion rate, enrollee success rate and completer success rate) are included. These measures have been defined by the National Community College Benchmarking Program as indicators of student success at the course-level.

One change from FY08 and previous Academic Program Reviews is the method used for defining student cohorts for the Program Cohort Success Measures. Students are placed into a cohort if s/he took a course within a program during the fall semester and took more than 5 credits in that subject during the same fiscal year. In order to provide data relevant to program viability and health, a cohort of students within a program is examined over a period of time.

Cohort measures allow for the calculation of retention rate (i.e., first fall to second fall) and completion rates over four years. Rate information, as opposed to raw numbers of completions, allows programs to examine trend data while taking into account any changes in program enrollment. Completion rates accumulate each year; therefore the four year completion rate is the total percentage of the cohort who earned an award in four years. The cohort retention rate and completion rates are first calculated for students who remained in the program and then calculated for those students who remained at MCTC but did not remain in the program. The following table provides a detailed explanation of the measures for this section.

<i>Measure</i>	<b>COURSE-LEVEL AND PROGRAM-LEVEL SUCCESS MEASURES</b>
	<i>Definition and Parameters</i>
	<b>Course-level Success Measures (Includes all courses in 4-digit subject code)</b>
<b>Course Completion Rate</b>	Percent of all grades in SUBJ courses that were not W
<b>Enrollee Success Rate</b>	Percent of all grades in SUBJ courses, <b>including</b> withdraw, that were successful (i.e., A, B, C, P)
<b>Completer Success Rate</b>	Percent of all grades in SUBJ courses, <b>excluding</b> withdraw, that were successful (i.e., A, B, C, P)

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<b>Program Cohort Success Measures (CTE only)</b>	
<b>Number in cohort</b>	The first fall or preceding summer semester a student takes a course in a program s/he is eligible to be in the cohort. If the student takes 5 or more credits in that program during the same fiscal year, s/he is included in the cohort.
<b>Cohort Retention Rate in Program</b>	The percent of students in each cohort who took at least one course in the program the subsequent fall term.
<b>Cohort Completion Rate in Program</b>	The percent of students earning at least one award within the given time frame within the program. Completion rates are cumulative; therefore the 4-year completion rate includes all those students who completed earlier.
<b>Program Success Measures</b>	
<b>Awards</b>	The aggregated number of awards earned within a fiscal year for each program broken down by degree level (Associate Degree, Diploma and Certificate) and the total number of awards.
<b>Post-award Success Measures (CTE only)</b>	
<i>Note: Data from MnSCU Graduate Placement Survey. Data are self-reported and responses are collected by award, so some individuals could be included for multiple times for different awards. One response category, students in unrelated employment not seeking additional employment, has been excluded from our calculations because it is extremely low frequency (less than 2% of survey responses) and the majority of these students are liberal arts majors.</i>	
Number in Related Employment	Students who report employment, either full-time or part-time, within a field related to his/her degree.
Number Seeking Related Employment	Students who are either unemployed or are employed, but are still searching for a position related to their field of study.
Number Pursuing Education	Students who reported they have enrolled in a school in pursuit of another credential after graduating from MCTC.
Other	Students who are not seeking employment or the response unknown/no response.

### Enrollment Summary

	Total FYE	Faculty FTE	Student Faculty Ratio	Subject Cost/FYE	Number of Sections	Number of Seats Filled	Average Section Size	Saturation Rate
Career and Technical Programs	2,154.5	110.9	19:1	\$4,712	1,330	21,884	16.5	69.8%
Liberal Arts Programs	4,340.6	139.6	31:1	\$2,741	1,374	40,509	29.5	93.5%
<b>MCTC Programs Overall</b>	<b>6,495.0</b>	<b>250.5</b>	<b>26:1</b>	<b>\$3,395</b>	<b>2,704</b>	<b>62,393</b>	<b>23.1</b>	<b>83.5%</b>

### Student Success Summary

	Enrollment Measures			Success Measures		Awards		
	Unduplicated Headcount	Under-represented	Students of Color	Course Completion	Enrollee Success	Associate Degrees	Diplomas	Certificates
Career and Technical Programs	6,577	65.3%	38.8%	91.2%	82.9%	537	186	626
Liberal Arts Programs	10,823	71.2%	47.0%	83.8%	70.9%	174	0	14
<b>MCTC Programs Overall</b>	<b>13,462</b>	<b>68.1%</b>	<b>43.7%</b>	<b>86.4%</b>	<b>75.1%</b>	<b>711</b>	<b>186</b>	<b>640</b>

### Awards Summary

#### Awards by Type

Award Type	Number Earned	% of Total Awards
AA	141	9.2%
AAS	209	13.6%
AFA	3	0.2%
AS	358	23.3%
CERT	640	41.6%
DIP	186	12.1%
<b>Total</b>	<b>1,537</b>	

(Awards Summary continued next page)

## Awards Summary (continued)

### Most Frequent Credentials Earned in FY09

Award Type	Credential	Award N	% of Total Awards <sup>1</sup>
CERT	Law Enforcement	211	13.7%
CERT	Nursing Assistant/Health Aide	146	9.5%
AS	Nursing	145	9.4%
AA	Liberal Arts	141	9.2%
DIP	Practical Nursing	84	5.5%
	<b>Total Frequent Credentials</b>	<b>727</b>	<b>47.3%</b>

<sup>1</sup>Based on 1,537 total awards conferred in FY09 (see Awards by Type on preceding page for complete breakdown).

## Career and Technical Programs (CTE) Enrollment Summary

Program	Total FYE	Faculty FTE	Student Faculty Ratio	Subject Cost/FYE	Number of Sections	Number of Seats Filled	Average Section Size	Saturation Rate
Accounting (ACCT)	46.0	2.7	17:1	\$4,976	40	462	11.6	46.0%
Addiction Counseling (COUN)	65.2	3.1	21:1	\$4,476	29	582	20.1	84.8%
Air Traffic Control (ATCT)	90.3	2.8	32:1	\$2,735	24	752	31.3	90.4%
Aircraft Technician (AMTA, AMTG, AMTP, AMTR)	35.4	2.3	15:1	\$6,008	27	362	13.4	57.9%
Allied Health (CMHW, CSIP, DNTA, HCCC, PHLE)	64.3	3.0	22:1	\$3,772	90	1,873	20.8	84.7%
Apparel Technologies (APRL)	41.9	2.6	16:1	\$4,887	26	402	15.5	80.2%
Architectural Technology (ARCH)	42.3	3.2	13:1	\$6,113	31	417	13.5	73.4%
Barbering (BARB)	22.3	1.2	18:1	\$5,528	41	219	5.3	26.7%
Biotechnology (BIOT)	2.3	0.5	5:1	\$20,217	7	35	5.0	29.7%
Business Management (BUSN)	239.2	5.7	42:1	\$1,893	53	2,131	40.2	84.9%
Business Office Technology (BTEC)	73.2	3.3	22:1	\$4,302	47	797	17.0	79.7%
Cabinetmaking (CBMK)	36.8	2.2	16:1	\$6,283	46	219	4.8	26.4%
Carpentry (CARP)	10.6	1.0	11:1	\$8,553	10	109	10.9	61.2%
Cinema (CINE, CIPR, CIST, DREC, EDIT, FILM, SCRN)	107.3	5.5	19:1	\$5,291	54	1,048	19.4	80.0%
Construction Electricity (CNEL)	21.6	2.0	11:1	\$9,337	31	306	9.9	40.1%
Culinary Arts (CULA)	52.8	2.1	25:1	\$4,829	24	605	25.2	95.3%
Dental Assistant (DNTA)	24.8	2.0	13:1	\$8,754	24	239	10.0	60.4%
Education and Child Development (CHDV, EDUC)	94.0	3.6	26:1	\$3,551	56	1,014	18.1	85.1%
Electroneurodiagnostic Technology (ENDT)	15.0	1.5	10:1	\$6,659	13	127	9.8	46.4%
Graphic Design and Electronic Publishing (GRPH, EPUB)	142.2	5.3	27:1	\$3,108	72	1,447	20.1	83.1%
Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC)	27.5	3.1	9:1	\$10,369	43	383	8.9	37.0%
Homeland Security Specialist (HLSC)	15.0	1.1	14:1	\$3,376	9	150	16.7	51.0%
Human Services (HSER)	57.7	2.6	22:1	\$3,772	31	576	18.6	76.6%
Information Technology (ITEC)	82.8	4.1	20:1	\$4,078	51	812	15.9	81.7%



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Program	Total FYE	Faculty FTE	Student Faculty Ratio	Subject Cost/FYE	Number of Sections	Number of Seats Filled	Average Section Size	Saturation Rate
Jewelry (JLRY)	30.2	3.3	9:1	\$8,438	56	426	7.6	37.0%
Law Enforcement (LAWE)	234.8	3.9	61:1	\$1,687	54	1,740	32.2	84.0%
Library Information Technology (INFS)	9.3	0.1	176:1	\$6,771	10	91	9.1	46.9%
Machine Tool Technology (MTTC)	21.7	1.3	17:1	\$6,750	37	202	5.5	27.3%
Media Production (MPRO)	21.6	1.4	16:1	\$5,878	27	232	8.6	49.3%
Nursing (NURS)	201.3	20.5	10:1	\$9,563	126.5	2,101	16.6	77.7%
Nursing Assistant/Home Health Aide (NAHA)	82.3	5.6	15:1	\$6,514	32	501	15.7	83.9%
Photography and Digital Imaging (PHDI)	52.3	2.4	22:1	\$4,472	43	618	14.4	85.2%
Polysomnographic Technology (PSOM)	11.2	1.3	9:1	\$8,755	11	105	9.5	39.8%
Recreation Studies (RECR)	6.2	0.5	14:1	\$5,913	6	62	10.3	53.9%
Sound Arts (SNDA)	18.6	1.3	14:1	\$7,477	13	180	13.8	81.4%
Video and Digital Arts (VIDA)	11.4	0.6	18:1	\$6,291	8	105	13.1	77.2%
Welding and Metal Fabrication (WELD)	21.2	1.0	22:1	\$4,373	11	236	21.5	107.8%
Western Clinical Herbalism (HERB)	22.0	1.5	15:1	\$3,553	16	218	13.6	45.3%

ENROLLMENT DEFINITIONS	
Measure	Definition and Parameters
<b>Total FYE</b>	The total of all registered student credit hours for a fiscal year is divided by 30.
<b>Faculty FTE</b>	Full time equivalent faculty (instructional) activity by course rolled up to the subject level. <i>Note: an exception is contact hour calculations which are not reflected</i>
<b>Student/Faculty Ratio</b>	The total Student FYE divided by Faculty FTE, expressed as a ratio of students to one faculty
<b>Subject Cost/FYE</b>	The Subject cost per FYE, direct instructional costs including faculty salaries, non-personnel expenses and equipment.
<b>Number of Sections</b>	The total number of course sections taught in a subject during a fiscal year.
<b>Total Number of Seats Filled</b>	The number of students enrolled in a 4-digit subject code (SUBJ) courses during a fiscal year.
<b>Average Section Size</b>	The total number of seats filled divided by the total number of sections.
<b>Saturation Rate</b>	A calculated field reflecting the total number of seats filled divided by the maximum capacity for all courses in a program.

\*All data is taken from MNSCU Hyperion/Brio Report tool: Operation Data/Academic Program Management/Instructional Section Costs



## Career and Technical Programs (CTE) Student Success Summary

Program	Enrollment Measures			Success Rates		Awards		
	Unduplicated Headcount	Underrepresented Students	Students of Color	Course Completion	Enrollee Success	Associate Degrees	Diplomas	Certificates
Accounting (ACCT)	196	69.4%	44.9%	89.4%	67.9%	6	0	28
Addiction Counseling (COUN)	285	72.6%	37.2%	91.6%	87.9%	13	2	0
Air Traffic Control (ATCT)	216	30.6%	7.9%	91.0%	86.1%	50	0	0
Aircraft Technician (AMTA, AMTG, AMTP, AMTR)	37	43.2%	16.2%	98.6%	94.7%	15	0	16
Allied Health (CMHW, CSIP, DNTA, HCCC, PHLE)	552	77.9%	58.7%	95.1%	90.4%	0	0	71
Apparel Technologies (APRL)	113	62.8%	25.7%	95.5%	87.8%	0	14	3
Architectural Technology (ARCH)	83	57.8%	21.7%	90.4%	78.3%	0	9	0
Barbering (BARB)	30	100.0%	86.7%	100.0%	99.5%	0	3	0
Biotechnology (BIOT)	28	64.3%	32.1%	85.7%	82.9%	2	0	0
Business Management (BUSN)	1,069	70.5%	47.3%	82.4%	67.5%	39	0	2
Business Office Technology (BTEC)	329	89.4%	64.1%	80.5%	66.4%	11	10	1
Cabinetmaking (CBMK)	72	40.3%	11.1%	98.1%	96.2%	5	1	14
Carpentry (CARP)	16	56.3%	25.0%	84.4%	60.6%	0	2	0
Cinema (CINE, CIPR, CIST, DREC, EDIT, FILM, SCRN)	371	46.6%	18.6%	91.9%	82.5%	25	0	30
Construction Electricity (CNEL)	44	59.1%	18.2%	93.1%	91.1%	0	7	0
Culinary Arts (CULA)	91	75.8%	42.9%	95.5%	88.6%	12	0	4
Dental Assistant (DNTA)	60	78.3%	51.7%	96.7%	92.5%	0	22	1
Education and Child Development (CHDV, EDUC)	446	80.9%	60.5%	87.4%	77.7%	28	7	35
Electroneurodiagnostic Technology (ENDT)	32	87.5%	50.0%	92.1%	89.0%	6	3	0
Graphic Design & Electronic Publishing (GRPH, EPUB)	432	50.7%	16.9%	93.0%	87.9%	33	2	1
Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC)	49	63.3%	18.4%	89.9%	89.4%	8	3	0
Homeland Security Specialist (HLSC)	76	72.4%	40.8%	93.3%	82.0%	3	0	4
Human Services (HSER)	232	87.1%	64.7%	86.9%	79.4%	23	9	0
Information Technology (ITEC)	281	61.2%	35.2%	83.4%	66.6%	9	2	12

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Program	Enrollment Measures			Success Rates		Awards		
	Unduplicated Headcount	Underrepresented Students	Students of Color	Course Completion	Enrollee Success	Associate Degrees	Diplomas	Certificates
Jewelry (JLRY)	76	56.6%	15.8%	97.3%	90.5%	6	2	12
Law Enforcement (LAWE)	730	53.4%	28.6%	96.5%	94.2%	34	0	211
Library Information Technology (INFS)	53	67.9%	15.1%	73.9%	63.6%	5	0	8
Machine Tool Technology (MTTC)	42	85.7%	50.0%	94.0%	90.0%	0	4	0
Media Production (MPRO)	87	59.8%	25.3%	92.9%	77.7%	6	0	0
Nursing (NURS)	458	69.4%	42.4%	97.7%	90.1%	145	84	0
Nursing Assistant/Home Health Aide (NAHA)	481	69.6%	46.4%	91.0%	85.8%	0	0	157
Photography and Digital Imaging (PHDI)	187	44.4%	16.6%	93.1%	86.8%	14	0	2
Polysomnographic Technology (PSOM)	36	66.7%	27.8%	92.2%	90.3%	7	0	0
Recreation Studies (RECR)	47	83.0%	66.0%	74.2%	66.1%	3	0	1
Sound Arts (SNDA)	78	55.1%	14.1%	96.0%	78.9%	9	0	0
Video and Digital Arts (VIDA)	33	42.4%	18.2%	96.1%	91.2%	16	0	0
Welding and Metal Fabrication (WELD)	44	47.7%	15.9%	98.7%	89.2%	0	0	13
Western Clinical Herbalism (HERB)	149	63.1%	15.4%	79.3%	72.4%	4	0	0

STUDENT SUCCESS DEFINITIONS	
Measure	Definition and Parameters
<b>Unduplicated Headcount</b>	The unduplicated count of total number of students enrolled in program courses during a fiscal year.
<b>Percent Underrepresented Students</b>	The number of underrepresented students divided by the unduplicated headcount. A student is considered underrepresented if any one of three criteria is met: <ul style="list-style-type: none"> <li>• <i>Students of Color</i>: African or African-American, Native American, Asian/Pacific Islander, or Hispanic students.</li> <li>• <i>First-generation</i>: Defined by the Minnesota State Legislature for accountability purposes as a student neither of whose parents attended college.</li> <li>• <i>Low-income</i>: Defined as students who applied for financial aid and are eligible for a Pell Grant.</li> </ul>
<b>Percent Students of Color</b>	The subset of the above measures including ethnicity of African or African-American, Native American, Asian/Pacific Islander, or Hispanic and do not have Resident Alien status.
<b>Course-level Success Rates (Based on grades A, B, C, P, D, F, NC and W. Excludes Incompletes and other administrative grade designations)</b>	
<b>Course Completion Rate</b>	Percent of all grades in SUBJ courses that were not W
<b>Enrollee Success Rate</b>	Percent of all grades in SUBJ courses, <b>including</b> withdraw, that were successful (i.e., A, B, C, P)

## CTE Cohort Student Success: Retention, Three Year Completion, Related Employment

Program	First Fall Retention		Three-Year Completion Rates						Related Employment	
	FY09 Cohort	FY09 Rate	FY05 Cohort	FY05 Rate	FY06 Cohort	FY06 Rate	FY07 Cohort	FY07 Rate	FY08 Related N	FY08 Rate
Accounting (ACCT)	43	30.2%	43	25.6%	52	21.2%	37	21.6%	13	68.4%
Addiction Counseling (COUN)	63	54.0%	48	35.4%	57	43.9%	75	42.7%	26	56.5%
Air Traffic Control (ATCT)	85	36.5%	18	94.4%	76	73.7%	72	79.2%	41	69.5%
Aircraft Technician (AMTA, AMTG, AMTP, AMTR)	13	92.3%	10	20.0%	11	18.2%	10	70.0%	3	7.3%
Allied Health (CMHW, CSIP, DNTA, HCCC, PHLE)	85	15.3%			83	60.2%	76	47.4%	3	8.3%
Apparel Technologies (APRL)	38	18.4%	29	37.9%	38	34.2%	43	53.5%	8	44.4%
Architectural Technology (ARCH)	27	44.4%	26	23.1%	29	44.8%	25	44.0%	4	40.0%
Barbering (BARB)	6	66.7%	9	11.1%	13	0.0%	12	16.7%	0	0.0%
Biotechnology (BIOT)	<i>There are not enough courses taught under this SUBJ code for these measures.</i>									
Business Management (BUSN)	258	29.8%	196	11.2%	193	10.4%	189	9.5%	5	13.5%
Business Office Technology (BTEC)	80	37.5%	47	21.3%	56	14.3%	60	20.0%	7	50.0%
Cabinetmaking (CBMK)	20	60.0%	33	21.2%	42	9.5%	29	10.3%	3	60.0%
Carpentry (CARP)	14	0.0%			9	44.4%	10	50.0%	11	78.6%
Cinema (CINE, CIPR, CIST, DREC, EDIT, FILM, SCRN)	79	38.0%	64	15.6%	75	13.3%	90	11.1%	12	54.5%
Construction Electricity (CNEL)	17	29.4%	29	48.3%	39	33.3%	26	26.9%	7	41.2%
Culinary Arts (CULA)	35	51.4%	37	37.8%	38	31.6%	21	28.6%	4	57.1%
Dental Assistant (DNTA)	18	50.0%	22	68.2%	16	81.3%	25	92.0%	19	67.9%
Education and Child Development (CHDV, EDUC)	106	41.5%	75	20.0%	77	23.4%	71	23.9%	12	37.5%
Electroneurodiagnostic Technology (ENDT)	22	45.5%					20	35.0%	5	45.5%
Graphic Design and Electronic Publishing (GRPH, EPUB)	131	59.5%	78	16.7%	104	19.2%	116	19.0%	17	56.7%

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Program	First Fall Retention		Three-Year Completion Rates						Related Employment	
	FY09 Cohort	FY09 Rate	FY05 Cohort	FY05 Rate	FY06 Cohort	FY06 Rate	FY07 Cohort	FY07 Rate	FY08 Related N	FY08 Rate
Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC)	25	36.0%	35	25.7%	48	45.8%	35	37.1%	7	53.8%
Homeland Security Specialist (HLSC)	14	50.0%					8	62.5%	0	0.0%
Human Services (HSER)	67	53.7%	66	36.4%	59	30.5%	61	36.1%	3	10.0%
Information Technology (ITEC)	70	51.4%	79	58.2%	51	37.3%	57	26.3%	11	26.2%
Jewelry (JLRY)	23	69.6%	33	21.2%	34	32.4%	12	33.3%	12	50.0%
Law Enforcement (LAWE)	350	8.3%	312	72.8%	312	67.9%	329	66.0%	114	46.9%
Library Information Technology (INFS)	12	58.3%	8	50.0%	7	71.4%	10	70.0%	0	0.0%
Machine Tool Technology (MTTC)	13	100.0%	16	31.3%	5	20.0%	18	11.1%	1	50.0%
Media Production (MPRO)	18	77.8%	55	5.5%	13	38.5%	10	30.0%	2	40.0%
Nursing (NURS)	143	88.1%	175	84.6%	171	83.0%	182	86.8%	72	32.3%
Nursing Assistant/Home Health Aide (NAHA)	266	0.0%	79	30.4%	77	83.1%	68	82.4%	21	6.8%
Photography and Digital Imaging (PHDI)	61	55.7%			63	50.8%	47	34.0%	13	65.0%
Polysomnographic Technology (PSOM)	9	77.8%			8	75.0%	23	65.2%	7	58.3%
Recreation Studies (RECR)	4	0.0%							1	33.3%
Sound Arts (SNDA)	22	68.2%	18	16.7%	15	33.3%	20	25.0%	4	33.3%
Video and Digital Arts (VIDA)	22	0.0%	10	20.0%	1	100.0%	12	66.7%	4	66.7%
Welding and Metal Fabrication (WELD)	21	4.8%			6	33.3%	12	33.3%	1	50.0%
Western Clinical Herbalism (HERB)	19	31.6%					21	9.5%	0	0.0%

(See following page for definitions)

= No Data Available for this program during the fiscal year

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<b>COHORT SUCCESS DEFINITIONS</b>	
<i>Measure</i>	<i>Definition and Parameters</i>
<i>Note: The first fall or preceding summer semester a student takes a course in a program s/he is eligible to be in the cohort. If the student takes 5 or more credits in that program during the same fiscal year, s/he is included in the cohort.</i>	
<b>Cohort Retention Rate</b>	The percent of students in each cohort who took at least one course in the program the subsequent fall term.
<b>Cohort Three-Year Completion Rate</b>	The percent of students earning at least one award within the given time frame within the program. Completion rates are cumulative; therefore the 3-year completion rate includes all those students who completed earlier.
<i>Related Employment Note: Data from MnSCU Graduate Placement Survey for students graduating Fall 2007 or Spring 2008. Data are self-reported and responses are collected by award, so some individuals could be included for multiple times for different awards.</i>	
Number in Related Employment	Students who report employment, either full-time or part-time, within a field related to his/her degree.
Percent in Related Employment	Percent of students who report employment, either full-time or part-time, within a field related to his/her degree.

## Liberals Arts Enrollment Summary

Department	Total FYE	Faculty FTE	Student Faculty Ratio	Subject Cost/FYE	Number Of Sections	Number of Seats Filled	Average Section Size	Saturation Rate
Academic Development (ADEV)	98.3	4.3	23:1	\$2,846	67	1,474	22.0	91.1%
American Indian Studies (AMIS)	34.2	0.9	38:1	\$2,397	12	334	27.8	89.3%
American Sign Language (AMSL)	9.9	0.4	27:1	\$1,946	4	99	24.8	82.5%
American Studies (AMST)	42.3	0.9	47:1	\$2,603	10	423	42.3	91.2%
Anthropology (ANTH)	48.6	1.2	42:1	\$2,172	11	486	44.2	97.2%
Arabic (ARAB)	4.3	0.3	15:1	\$3,236	3	27	9.0	45.0%
Area, Cultural and Ethnic Studies (ACES)	69.8	1.9	37:1	\$2,723	20	698	34.9	93.6%
Astronomy (ASTR)	35.8	1.0	36:1	\$2,575	16	473	29.6	98.5%
Biology (BIOL)	427.3	12.0	35:1	\$2,508	125	4,500	36.0	94.3%
Chemistry (CHEM)	153.7	5.2	30:1	\$3,429	41	1,299	31.7	88.9%
Chinese (CHIN)	6.7	0.3	20:1	\$3,143	2	40	20.0	66.7%
Computer Science (CSCI)	18.8	0.8	24:1	\$4,326	9	179	19.9	59.7%
Economics (ECON)	83.0	1.7	49:1	\$1,808	18	830	46.1	97.6%
English (ENGL)	590.0	23.2	25:1	\$3,023	208	5,194	25.0	98.1%
English as a Second Language (ESOL)	208.1	9.9	21:1	\$3,990	73	1,478	20.2	92.0%
Fine Arts (ARTS, PHOT)	147.2	6.5	23:1	\$3,654	69	1,487	21.6	97.7%
French (FREN)	19.3	0.7	30:1	\$2,988	10	138	13.8	76.7%
Geography (GEOG)	75.2	1.6	48:1	\$1,633	15	752	50.1	100.3%
Geology (GEOL)	24.1	0.6	40:1	\$2,103	10	317	31.7	99.1%
Health (HLTH)	75.7	2.7	28:1	\$3,202	35	954	27.3	94.2%
History (HIST)	123.0	2.3	53:1	\$1,958	25	1,164	46.6	97.0%
Information Studies (INFS)	48.5	1.0	48:1	\$2,954	34	740	21.8	100.7%
Japanese (JAPN)	8.3	0.3	27:1	\$2,797	3	51	17.0	85.0%
Journalism (JOUR)	7.1	0.3	21:1	\$4,025	4	81	20.3	77.9%
Mathematics (MATH)	610.2	18.9	32:1	\$2,649	132	4,106	31.1	87.9%
Music (MUSC)	40.7	0.9	48:1	\$1,671	11	408	37.1	94.9%

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Department	Total FYE	Faculty FTE	Student Faculty Ratio	Subject Cost/FYE	Number Of Sections	Number of Seats Filled	Average Section Size	Saturation Rate
Philosophy (PHIL)	100.7	2.7	37:1	\$2,031	28	1,007	36.0	95.8%
Physical Education (PHED)	33.9	1.5	23:1	\$3,917	40	992	24.8	89.6%
Physics (PHYS)	52.9	1.5	36:1	\$2,705	10	320	32.0	88.9%
Political Science (PSCI)	66.3	1.3	51:1	\$1,503	19	744	39.2	96.0%
Psychology (PSYC)	270.3	6.4	42:1	\$2,212	58	2,184	37.7	95.8%
Reading (READ, STSK)	209.6	8.5	25:1	\$3,084	70	1,779	25.4	90.4%
Sociology (SOCL)	211.5	4.3	49:1	\$1,899	43	2,115	49.2	98.4%
Spanish (SPAN)	102.4	4.1	25:1	\$3,122	35	632	18.1	81.0%
Speech (SPCH)	180.8	6.2	29:1	\$2,717	64	1,808	28.3	99.0%
Theatre Arts (THTR)	47.6	1.7	28:1	\$4,218	25	652	26.1	83.0%
Women's Studies (WOST)	54.4	1.5	36:1	\$3,155	15	544	36.3	97.5%

ENROLLMENT DEFINITIONS	
Measure	Definition and Parameters
<b>Total FYE</b>	The total of all registered student credit hours for a fiscal year is divided by 30.
<b>Faculty FTE</b>	Full time equivalent faculty (instructional) activity by course rolled up to the subject level. <i>Note: an exception is contact hour calculations which are not reflected</i>
<b>Student/Faculty Ratio</b>	The total Student FYE divided by Faculty FTE, expressed as a ratio of students to one faculty
<b>Subject Cost/FYE</b>	Direct instructional costs including faculty salaries, non-personnel expenses and equipment.
<b>Number of Sections</b>	The total number of course sections taught in a subject during a fiscal year.
<b>Total Number of Seats Filled</b>	The number of students enrolled in a 4-digit subject code (SUBJ) courses during a fiscal year.
<b>Average Section Size</b>	The total number of seats filled divided by the total number of sections.
<b>Saturation Rate</b>	A calculated field reflecting the total number of seats filled divided by the maximum capacity for all course in a SUBJ.

\*All data is taken from MNSCU Hyperion/Brio Report tool: Operation Data/Academic Program Management/Instructional Section Costs.

\*\* All data taken from report Instructional Costs by SUBJ except Max Size, which is taken from Instructional Costs by Section.



## Liberal Arts Student Success Summary

Department	Enrollment Measures			Success Measures	
	Unduplicated Headcount	Underrepresented Students	Students of Color	Course Completion	Enrollee Success
Academic Development (ADEV)	1,426	87.9%	72.5%	78.7%	59.1%
American Indian Studies (AMIS)	290	75.2%	51.7%	83.5%	74.9%
American Sign Language (AMSL)	90	63.3%	28.9%	77.6%	64.3%
American Studies (AMST)	390	65.4%	30.5%	94.0%	84.0%
Anthropology (ANTH)	475	61.7%	31.6%	89.8%	81.3%
Arabic (ARAB)	24	83.3%	58.3%	84.6%	73.1%
Area, Cultural and Ethnic Studies (ACES)	664	68.4%	37.0%	86.0%	75.0%
Astronomy (ASTR)	309	63.1%	29.1%	86.7%	70.6%
Biology (BIOL)	2,668	66.8%	40.7%	84.9%	73.1%
Chemistry (CHEM)	910	67.4%	42.4%	79.0%	66.4%
Chinese (CHIN)	40	57.5%	20.0%	65.0%	27.5%
Computer Science (CSCI)	168	68.5%	44.6%	80.4%	72.1%
Economics (ECON)	737	63.9%	44.6%	94.6%	82.6%
English (ENGL)	4,262	74.9%	50.8%	80.0%	69.1%
English as a Second Language (ESOL)	648	92.0%	87.0%	96.3%	82.1%
Fine Arts (ARTS, PHOT)	1,139	59.6%	29.4%	83.2%	75.0%
French (FREN)	109	54.1%	32.1%	87.6%	84.7%
Geography (GEOG)	706	64.2%	32.6%	89.4%	79.8%
Geology (GEOL)	207	58.0%	19.8%	82.2%	69.7%
Health (HLTH)	903	74.3%	48.3%	89.1%	77.5%
History (HIST)	1,067	68.0%	42.5%	84.6%	69.2%
Information Studies (INFS)	660	74.1%	41.1%	79.8%	63.9%
Japanese (JAPN)	35	51.4%	31.4%	92.2%	78.4%
Journalism (JOUR)	75	60.0%	25.3%	71.6%	67.9%
Mathematics (MATH)	3,048	73.6%	47.1%	78.1%	59.9%

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Department	Enrollment Measures			Success Measures	
	Unduplicated Headcount	Underrepresented Students	Students of Color	Course Completion	Enrollee Success
Music (MUSC)	376	62.5%	31.9%	80.9%	61.3%
Philosophy (PHIL)	977	70.7%	38.2%	85.8%	67.9%
Physical Education (PHED)	907	74.0%	45.6%	87.0%	75.4%
Physics (PHYS)	257	67.3%	44.7%	79.6%	71.8%
Political Science (PSCI)	699	67.8%	42.6%	87.2%	72.0%
Psychology (PSYC)	1,925	69.4%	42.4%	84.4%	69.1%
Reading (READ, STSK)	1,548	87.9%	73.4%	70.3%	59.6%
Sociology (SOCL)	1,749	73.4%	46.4%	90.5%	79.3%
Spanish (SPAN)	528	63.3%	31.3%	76.3%	68.1%
Speech (SPCH)	1,730	74.1%	46.8%	89.0%	77.5%
Theatre Arts (THTR)	511	70.5%	43.4%	90.6%	79.9%
Women's Studies (WOST)	474	74.3%	47.3%	90.5%	79.6%

Liberal Arts Award Summary

Liberal Arts Awards	2005	2006	2007	2008	2009
Liberal Arts (AA)	129	151	146	134	141
Liberal Arts On-line (AA)					0
Associate Fine Arts (AFA)			0	1	3
Associate in Fine Arts: Theater Arts (AFA)				0	0
Biology (AS)			2	1	1
Chemistry (AS)			0	0	0
Criminal Justice Studies (AS)	9	13	16	23	26
Mathematics (AS)		1	2	3	3
American Indian Studies (CERT)				1	0
Global Studies (CERT)				0	0
Women's Studies (CERT)			14	12	14

(See following page for definitions)

= No Data Available for this program during the fiscal year

## MCTC Academic Program Review Summary Report FY09

<b>STUDENT SUCCESS DEFINITIONS</b>	
<i>Measure</i>	<i>Definition and Parameters</i>
<b>Unduplicated Headcount</b>	The unduplicated count of total number of students enrolled in SUBJ courses during a fiscal year.
<b>Percent Underrepresented Students</b>	The number of underrepresented students divided by the unduplicated headcount. A student is considered underrepresented if any one of three criteria is met: <ul style="list-style-type: none"> <li>• <i>Students of Color</i>: ethnicity of African or African-American, Native American, Asian/Pacific Islander, or Hispanic</li> <li>• <i>First-generation</i>: Defined by the Minnesota State Legislature for accountability purposes as a student neither of whose parents attended college.</li> <li>• <i>Low-income</i>: Defined as students who applied for financial aid and are eligible for a Pell Grant.</li> </ul>
<b>Percent Students of Color</b>	The subset of the above measures including ethnicity of African or African-American, Native American, Asian/Pacific Islander, or Hispanic and are do not have Resident Alien status.
<b>Course-level Success Rates (Based on grades A, B, C, P, D, F, NC and W. Excludes Incompletes and other administrative grade designations)</b>	
<b>Course Completion Rate</b>	Percent of all grades in SUBJ courses that were not W.
<b>Enrollee Success Rate</b>	Percent of all grades in SUBJ courses, <b>including</b> withdraw, that were successful (i.e., A, B, C, P).