

## Academic Department and Program Review FY2011

*Prepared by:*

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

*Contact:*

Katie DeBoer  
Director of Institutional Research

(612) 659-6306  
[katie.deboer@minneapolis.edu](mailto:katie.deboer@minneapolis.edu)

**Minneapolis Community and Technical College**  
1501 Hennepin Avenue  
Minneapolis, MN 55403

**612-659-6000**  
**Minnesota Relay Service 1-800-627-3529**

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# Introduction and Overview

## Introduction

The following report is the annual Academic Department and Program Review, which includes data and measures regarding enrollment, efficiency, student learning, student success, and, where applicable, post-award success for MCTC programs and departments.

## In General

**Reviewing Report:** This report has two general purposes:

1. To provide a general overview of each program and department using select indicators and measures; and
2. To raise “flags of interest” for additional inquiry. For example, if you see that a program has experienced an inexplicable change in enrollment, a sudden decline in enrollee success, or a curious increase in employment rates, the Office of Strategy, Planning and Accountability can drill further into the data to provide a deeper understanding of the underlying variables.

**Program Groupings:** While the data for most programs and departments are presented individually based on the dominant subject code for the program, as in previous years, the data for some subject codes are aggregated:

1. **Allied Health:** Includes the Community Health Worker, Central Services Technician, and Dental Office Support Personnel programs. Also includes data for the Health Care Core Curriculum courses. Subject codes are CMHW, CSIP, HCCC, and select DNTA.
2. **Cinema:** Includes the Cinematography, Directing and Producing, Editing and Postproduction, and Screenwriting programs. Subject codes are ANIM, CINE, CIPR, CVFX, DREC, EDIT, FILM, MPRO, SCRN, SNDC, and VIDA. (The inclusion of MPRO is new this year.)
3. **Education:** Includes the Child Development and Education programs. Subject codes are CHDV, EDUC, and for previous years, URTE.
4. **Fine Arts:** Includes subject codes ARTS and PHOT.
5. **Graphic Design and Electronic Publishing:** Includes subject codes EPUB, GRPH, and WEBI.

**Missing Data:** Where data were either not available for the measure or the program did not exist in that fiscal year, the cells are grayed out or state, “No Data.”

## Subject Area Performance

These measures provide course-level information about enrollment and efficiency, as detailed in the table below. All data are from ISRS Operational Data or MnSCU’s “Instructional Section Costs” and “Instructional Program Costs” reports in Hyperion.

This year’s report eliminates students who tested out from all measures in this section. Students who earned credit for internships or directed study (i.e., course number 2998) were eliminated from all measures, except unduplicated headcount and the related drills.

The table below provides further detail on the calculations for each measure.

Enrollment and Efficiency	
<b>Unduplicated Headcount</b>	The unduplicated count of students enrolled in courses in indicated subject code(s).
<b>Underrepresented Students</b>	The percent of unduplicated headcount, excluding unknowns, that meet the criteria of at least one of the following categories: <ul style="list-style-type: none"> <li>• Students of Color: students who identified their ethnicity or race as Black, Native American, Asian/Pacific Islander, or Hispanic and are <u>not</u> nonresident aliens.</li> <li>• First-generation: a student neither of whose parents attended college, as defined by the Minnesota State Legislature.</li> <li>• Low-income: a student who was determined to be eligible for a Pell Grant.</li> </ul>
<b>Students of Color</b>	The percent of unduplicated headcount, excluding unknowns, that identified their ethnicity or race as Black/African-American, Native American, Asian/Pacific Islander, or Hispanic and are <u>not</u> nonresident aliens.
<b>Student FYE</b>	Student Full Year Equivalent: The fiscal year total of all registered student credit hours in indicated subject codes divided by 30 credits.
<b>Faculty FTE</b>	Faculty Full Time Equivalent: The fiscal year total instructional activity in the indicated subject codes divided by 30 credits (32 for technical faculty). This calculation is based on credit activity and does not include adjustments to faculty load for contact hours.
<b>Student/Faculty Ratio</b>	Student FYE divided by Faculty FTE, expressed as a ratio of students to one faculty FTE.
<b>Subject Cost/FYE</b>	Direct instructional costs (including faculty salaries, non-personnel expenses and equipment) tied to the indicated subject codes divided by the Student FYE.
<b>Sections Open</b>	Course sections taught in the indicated subject codes.
<b>Seats Filled</b>	Total of all enrollments in the indicated subject code. This is not an unduplicated count of students. For example, if a student is enrolled in three CULA courses in the same fiscal year, they will be represented in the count three times.
<b>Average Section Size</b>	Seats filled divided by sections open.
<b>Saturation Rate</b>	Seats filled divided by the total maximum capacity for all course in indicated subject codes.
<b>Cost/FYE Comparison</b>	<b>Note: The accuracy of the measures in this section depends on the correct alignment of the associated course and budget codes.</b>
<b>MCTC Cost/FYE</b>	The instructional costs for the departments or programs in the budget cost center divided by the associated FYE.
<b>MnSCU Average Cost/FYE</b>	The average cost per FYE for comparable MnSCU departments or programs (PPDs).
<b>Variance from MnSCU Average</b>	The difference between MCTC's and MnSCU's average cost per FYE. <b>GREEN</b> – indicates that the PPD is operating more efficiently than the average of MnSCU peer PPDs. <b>RED</b> – indicates that the PPD is operating less efficiently than the average of MnSCU peer PPDs. Programs that are unique in the system, and therefore have no peer, will have no variance.

## Student Success

This section provides student success measures, as detailed in the table below. All data are from ISRS Operational Data.

This year's report eliminates students who tested out from all measures in this section. The table below provides further detail on the calculations for each measure.

Course-Level Success Measures	
<b>Course Success Rate</b>	Percent of all grades in SUBJ courses, including Withdrawals (i.e., W grade), that were successful (i.e., A, B, C, P).
<b>Course Withdrawal Rate</b>	Percent of all course enrollments in SUBJ where the student withdrew (i.e., W grade).
Program Retention and Graduation Rates (CTE only)	
<b>Cohort N</b>	Students who attempted at least one program course in the fall or preceding summer term for the first time and took 5 or more credits in that program during the same fiscal year.
<b>Fall-to-Fall Retention</b>	Percent of students in each cohort who took at least one course in the program the subsequent fall term.
<b>Graduation Rate</b>	The percent of students earning at least one credential in the program within the stated time frame. Percentages are cumulative and, as such, include students who completed earlier.
Awards Detail	
<b>Awards Detail</b>	Number of awards earned in the fiscal year by degree title. Grayed out cells indicate that the program was closed in that fiscal year, even if there were graduates.

## Assessment of Student Learning Outcomes

This section represents the Academic Dean’s evaluation of the program’s progress towards developing and implementing student learning outcomes (SLO) based on six criteria.

A program or department was exempt from reporting if it was closed or under external accreditation requirements that included assessing SLO activities. Select small departments were also exempt. If a program was not exempt and failed to submit a report, the department or program’s score is zero.

Assessment of Student Learning Outcomes Rubric	
<b>Student Learning Outcomes Defined</b>	How appropriate and significant are the learning outcomes being assessed?
<b>Assignment/Task</b>	How appropriate and effective is the task assigned to have students demonstrate mastery of the learning outcomes being assessed?
<b>Standards and Tracking</b>	How realistic and challenging is the target set by the PDD for student performance? How effectively and thoroughly is overall student performance recorded and tracked?
<b>Student Mastery</b>	How did the students perform on the task? Did they meet the target?
<b>Analysis of Results</b>	How thoroughly and effectively did the PDD interpret the resulting data on student mastery?
<b>Plan for Action</b>	How effective is the plan by the PDD at responding to the data and improving the results for future years?
<b>THRIVING</b>	A program receives 2 points for each criterion where it demonstrates most or all of the conditions of a thriving program. If the TOTAL score for all criteria is 9-12 points, it is considered a THRIVING program.
<b>HEALTHY</b>	A program receives 1 point for each criterion where it demonstrates most or all of the conditions of a healthy program. If the TOTAL score for all criteria is 5-8 points, it is considered a HEALTHY program.
<b>VULNERABLE</b>	A program receives 0 points for each criterion where it demonstrates most or all of the conditions of a vulnerable program. If the TOTAL score for all criteria is 0-4 points, it is considered a VULNERABLE program.

## Post-Award Success Measures

This section provides measures of student success achieved after the award was earned from MCTC, as detailed in the tables below. These measures are derived from data gathered and analyzed by MnSCU’s Office of Research, Planning, and Effectiveness.

### Graduate Follow-up Survey Results

The Graduate Follow-Up Survey (GRF) is conducted one-year after graduation (e.g., students who graduated in FY09 are contacted in spring 2010). These data are self-reported by the graduates and the response rate for the survey was about 85%.

All percentages are of *Total Survey Respondents*, except *Related Employment Rate*, which is of *Total In or Available for Related Employment*. This rate is calculated in accordance with MnSCU’s method for calculating related employment rate.

Graduate Follow-Up Survey	
<b>Related Employment</b>	Graduates who report employment, either full-time or part-time, in a position related to their field of study.
<b>Seeking/Available for Related Employment</b>	Graduates who indicated they were available for employment or seeking employment, but are still searching for a position related to their field of study.
<b>Related Employment Rate</b>	Graduates who indicated they are employed in a position related to their field of study divided by the total of “Graduates In or Seeking Related Employment.”
<b>Continuing Education</b>	Graduates who have a subsequent higher education record at MCTC or another institution or who have reported they are continuing their education.
<b>Not Seeking/Unavailable</b>	Graduates who are not seeking related employment or are unavailable for employment.
<b>Status Unknown</b>	Graduates who did not respond to the survey.

## Employment and Wage Indicators

The Employment and Wage Environmental Indicators are based on data from Minnesota Unemployment Insurance records between 2006 and 2009 and supplied to MnSCU by the Department of Employment and Economic Development (DEED). The lag time on these data is two years.

Depending on the source for the data, as indicated in the footnote for each table, the data are based on employment records for MCTC program graduates or graduates from Twin Cities MnSCU colleges in similar programs.

Employment and Wage Indicators	
<b>Initial Employment (2007-2009)</b>	The employment rate and median hourly wage of FY07, 08, and 09 graduates identified in DEED Unemployment Data. Data are from the second quarter after the fiscal year in which they graduated.
<b>Employment – 6 mos (2007-2009)</b>	The employment rate and median hourly wage of FY07, 08, and 09 graduates identified in DEED Unemployment Data. Data are from the fourth quarter after the fiscal year in which they graduated.
<b>Employment – 2 yrs (2006-2008)</b>	The employment rate and median hourly wage of FY06, 07, and 08 graduates identified in DEED Unemployment Data. Data are from the tenth quarter after the end of the fiscal year in which they graduated.

## Differences between Indicators

The *Graduate Follow-up Survey* produces a related employment rate, as reported by the student. The Employment and Wage Indicators includes an employment rate, but it isn't necessarily related employment. The GRF indicators also include information about students who are continuing their education.

One limitation of the GRF is that it does not include wage data and only includes one year of graduates in each measure. Smaller programs and programs with a significant number of non-respondents (i.e., unknowns) may yield a population that is too small to produce statistically valid results.

The *Employment and Wage Indicators*, on the other hand, aggregate three years of program graduates and a comparable alternative population set to ensure the measures are statistically valid. Also, because the data are pulled from actual employment records, there are fewer unknowns and wage data are included.

# MCTC Summary

# MCTC Academic Department and Program Review FY2011

## MCTC Summary

### Division Performance

#### Enrollment & Efficiency

<b>Liberal Arts Courses</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>	<b>FY2011</b>
Unduplicated Headcount	9,506	10,279	10,874	12,353	12,575
Underrepresented Students	68.9%	68.2%	68.6%	72.6%	76.9%
Students of Color	49.1%	49.8%	50.9%	53.0%	55.1%
Student FYE	3,759.3	4,152.7	4,380.8	5,087.3	5,258.7
Faculty FTE	129.0	131.3	138.2	155.9	170.1
Student/Faculty Ratio	29:1	32:1	32:1	33:1	31:1
Subject Cost/FYE	\$2,634	\$2,609	\$2,692	\$2,470	\$2,580
Sections Open	1,202	1,259	1,346	1,460	1,592
Seats Filled	34,579	38,257	40,840	46,914	48,657
Average Section Size	28.8	30.4	30.3	32.1	30.6
Saturation Rate	87.7%	91.8%	92.6%	94.9%	93.1%

<b>Career and Technical Education Courses</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>	<b>FY2011</b>
Unduplicated Headcount	6,011	6,451	6,677	7,283	6,624
Underrepresented Students	64.0%	63.2%	63.3%	67.9%	74.3%
Students of Color	41.8%	41.8%	43.2%	46.3%	50.5%
Student FYE	1,921.1	2,068.3	2,130.9	2,284.9	2,014.2
Faculty FTE	103.7	103.6	106.4	109.6	99.6
Student/Faculty Ratio	19:1	20:1	20:1	21:1	20:1
Subject Cost/FYE	\$4,689	\$4,642	\$4,552	\$4,469	\$4,487
Sections Open	1,278	1,215	1,269	1,263	1,097
Seats Filled	19,291	20,574	21,679	23,310	20,980
Average Section Size	15.1	16.9	17.1	18.5	19.1
Saturation Rate	63.5%	69.0%	69.2%	72.6%	74.5%

<b>MCTC Overall</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>	<b>FY2011</b>
Unduplicated Headcount	11,900	12,787	13,490	14,955	14,609
Underrepresented Students	66.0%	65.4%	65.6%	69.6%	74.7%
Students of Color	46.0%	46.4%	47.5%	49.9%	53.1%
Student FYE	5,680.4	6,221.0	6,511.7	7,372.2	7,272.9
Faculty FTE	232.7	234.9	244.7	265.6	269.7
Student/Faculty Ratio	24:1	26:1	27:1	28:1	27:1
Subject Cost/FYE	\$3,329	\$3,285	\$3,301	\$3,090	\$3,108
Sections Open	2,480	2,474	2,615	2,723	2,689
Seats Filled	53,870	58,831	62,519	70,224	69,637
Average Section Size	21.7	23.8	23.9	25.8	25.9
Saturation Rate	77.2%	82.3%	82.8%	86.1%	86.6%

#### Cost/FYE Comparison

	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
MCTC Cost/FYE	\$ 3,608	3,569	3,570	3,336
MnSCU Average Cost/FYE	\$ 3,967	4,067	4,080	4,086
<b>Variance from MnSCU Average</b>	<b>\$ -359</b>	<b>-498</b>	<b>-510</b>	<b>-750</b>



# MCTC Academic Department and Program Review FY2011

## MCTC Summary

### Student Success

#### Course-Level Success

Liberal Arts Courses	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	70.6%	70.3%	71.3%	69.0%	69.0%
Course Withdrawal Rate	17.3%	17.9%	15.4%	17.0%	18.5%

Career and Technical Education Courses	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	83.7%	82.5%	83.0%	80.7%	79.1%
Course Withdrawal Rate	8.2%	8.9%	8.7%	10.2%	12.0%

MCTC Overall	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	75.3%	74.6%	75.4%	72.9%	72.0%
Course Withdrawal Rate	14.1%	14.7%	13.0%	14.7%	16.5%

#### Awards

Liberal Arts Programs	FY2007	FY2008	FY2009	FY2010	FY2011
Associate Degrees	163	162	175	218	257
Diplomas	0	0	0	0	0
Certificates	14	13	17	25	11
<b>Total Awards</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

Career and Technical Education Programs	FY2007	FY2008	FY2009	FY2010	FY2011
Associate Degrees	467	491	538	634	579
Diplomas	227	215	188	230	178
Certificates	855	701	863	1,057	716
<b>Total Awards</b>	<b>1,548</b>	<b>1,406</b>	<b>1,589</b>	<b>1,921</b>	<b>1,473</b>

MCTC Overall	FY2007	FY2008	FY2009	FY2010	FY2011
Associate Degrees	630	653	713	852	836
AA	146	134	141	174	221
AS	306	324	360	373	335
AFA	0	1	3	4	4
AAS	178	194	209	301	276
Diplomas	227	215	188	230	178
Certificates	869	714	880	1,082	727
<b>Total Awards</b>	<b>1,726</b>	<b>1,582</b>	<b>1,781</b>	<b>2,164</b>	<b>1,741</b>

#### Most Frequent Credentials Earned in FY11

Award Type	Credential	Number	% of Total Awards
CERT	Nursing Assistant/Health Aide	349	20.1%
AA	Liberal Arts	220	12.6%
AS	Nursing	87	5.0%
CERT	Information Technology	75	4.3%
AAS	Air Traffic Control	60	3.4%
	<b>Total for Top Programs</b>	<b>791</b>	<b>45.4%</b>

# MCTC Academic Department and Program Review FY2011

## MCTC Summary

### Program Retention & Graduation (CTE Only)

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	1407	1580	1607	1828	1683
Fall-to-Fall Retention Rate	36.3%	33.8%	33.1%	30.1%	35.6%
One-Year Graduation Rate	17.7%	22.3%	30.3%	27.5%	19.0%
Two-Year Graduation Rate	32.0%	33.9%	41.3%	37.5%	
Three-Year Graduation Rate	39.9%	40.6%	46.6%		
Four-Year Graduation Rate	42.6%	43.2%			

# MCTC Academic Department and Program Review FY2011

## MCTC Summary

### Post –Award Success

#### Graduate Follow-Up Survey Results

##### Liberal Arts Programs

<b>Associate of Arts and Fine Arts Degrees</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	6 5.0%	11 8.7%	7 6.3%	20 12.3%
Seeking/Available for Related Employment	1 0.8%	9 7.1%	2 1.8%	14 8.6%
<b>Continuing Education</b>	<b>107 89.2%</b>	<b>101 79.5%</b>	<b>94 84.7%</b>	<b>121 74.7%</b>
Not Seeking or Unavailable for Employment	6 5.0%	6 4.7%	8 7.2%	7 4.3%
<b>Survey Respondents</b>	<b>120</b>	<b>127</b>	<b>111</b>	<b>162</b>
Status Unknown	30	16	35	20
<b>Total Graduates</b>	<b>150</b>	<b>143</b>	<b>146</b>	<b>182</b>

<b>Associate of Science Degrees</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	1 5.9%	1 4.2%	3 13.0%	7 22.6%
Seeking/Available for Related Employment	2 11.8%	3 12.5%	1 4.3%	6 19.4%
<b>Continuing Education</b>	<b>12 70.6%</b>	<b>19 79.2%</b>	<b>18 78.3%</b>	<b>17 54.8%</b>
Not Seeking or Unavailable for Employment	2 11.8%	1 4.2%	1 4.3%	1 3.2%
<b>Survey Respondents</b>	<b>17</b>	<b>24</b>	<b>23</b>	<b>31</b>
Status Unknown	3	3	8	9
<b>Total Graduates</b>	<b>20</b>	<b>27</b>	<b>31</b>	<b>40</b>

<b>Certificates</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	0 0.0%	2 15.4%	3 25.0%	4 18.2%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	0 0.0%	7 31.8%
<b>Continuing Education</b>	<b>10 90.9%</b>	<b>11 84.6%</b>	<b>8 66.7%</b>	<b>10 45.5%</b>
Not Seeking or Unavailable for Employment	1 9.1%	0 0.0%	1 8.3%	1 4.5%
<b>Survey Respondents</b>	<b>11</b>	<b>13</b>	<b>12</b>	<b>22</b>
Status Unknown	3	0	5	3
<b>Total Graduates</b>	<b>14</b>	<b>13</b>	<b>17</b>	<b>25</b>

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## MCTC Summary

### Graduate Follow-Up Survey Results

#### Career and Technical Education Programs

<b>Associate Degrees</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	250 64.6%	236 58.7%	250 54.5%	250 45.0%
Seeking/Available for Related Employment	15 3.9%	32 8.0%	56 12.2%	116 20.9%
Total In or Available for Related Employment	265	268	306	366
<b>Related Employment Rate</b>	<b>94.3%</b>	<b>88.1%</b>	<b>81.7%</b>	<b>68.3%</b>
Continuing Education	111 28.7%	118 29.4%	129 28.1%	165 29.7%
Not Seeking or Unavailable for Employment	11 2.8%	16 4.0%	24 5.2%	25 4.5%
<b>Survey Respondents</b>	<b>384</b>	<b>402</b>	<b>459</b>	<b>556</b>
Status Unknown	77	86	79	78
<b>Total Graduates</b>	<b>464</b>	<b>488</b>	<b>538</b>	<b>634</b>

<b>Diplomas</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	68 32.2%	56 28.4%	59 34.9%	69 37.1%
Seeking/Available for Related Employment	7 3.3%	9 4.6%	28 16.6%	38 20.4%
Total In or Available for Related Employment	75	65	87	107
<b>Related Employment Rate</b>	<b>90.7%</b>	<b>86.2%</b>	<b>67.8%</b>	<b>64.5%</b>
Continuing Education	127 60.2%	129 65.5%	75 44.4%	69 37.1%
Not Seeking or Unavailable for Employment	9 4.3%	3 1.5%	7 4.1%	10 5.4%
<b>Survey Respondents</b>	<b>211</b>	<b>197</b>	<b>169</b>	<b>186</b>
Status Unknown	14	18	19	44
<b>Total Graduates</b>	<b>225</b>	<b>215</b>	<b>188</b>	<b>230</b>

<b>Certificates</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	223 30.8%	163 27.1%	134 24.7%	244 27.0%
Seeking/Available for Related Employment	45 6.2%	64 10.6%	89 16.4%	176 19.4%
Total In or Available for Related Employment	268	227	223	420
<b>Related Employment Rate</b>	<b>83.2%</b>	<b>71.8%</b>	<b>60.1%</b>	<b>58.1%</b>
Continuing Education	440 60.9%	346 57.5%	292 53.8%	439 48.5%
Not Seeking or Unavailable for Employment	15 2.1%	29 4.8%	28 5.2%	46 5.1%
<b>Survey Respondents</b>	<b>723</b>	<b>602</b>	<b>543</b>	<b>905</b>
Status Unknown	132	99	320	150
<b>Total Graduates</b>	<b>855</b>	<b>701</b>	<b>863</b>	<b>1,055</b>

# Overview by Department and Program

**MCTC Academic Department and Program Review FY2011**  
**Liberal Arts Enrollment Summary**

Department	Unduplicated Headcount	Under-represented Students	Students of Color	Student FYE	Faculty FTE	Student/Faculty Ratio	Subject Cost/FYE	Average Section Size	Saturation Rate
American Indian Studies (AMIS)	399	92.9%	64.9%	47.5	1.2	40:1	\$ 1,620	35.8	90.8%
American Sign Language (AMSL)	116	86.0%	41.7%	13.5	0.5	30:1	\$ 1,681	27.0	90.0%
American Studies (AMST)	468	84.9%	39.4%	50.2	0.9	56:1	\$ 1,596	45.6	100.0%
Anthropology (ANTH)	792	83.6%	42.2%	85.7	1.8	47:1	\$ 1,539	45.1	91.2%
Arabic (ARAB)	45	95.2%	84.1%	8.8	0.3	26:1	\$ 1,528	26.5	88.3%
Astronomy (ASTR)	321	80.2%	32.3%	36.0	1.1	34:1	\$ 2,490	29.6	97.3%
Biology (BIOL)	2,908	84.4%	49.2%	445.5	13.8	32:1	\$ 2,542	33.8	88.5%
Chemistry (CHEM)	970	82.2%	46.2%	170.9	5.5	31:1	\$ 3,096	32.8	88.9%
Chinese (CHIN)	34	88.0%	38.2%	8.0	0.3	24:1	\$ 2,515	24.0	80.0%
Cinema Studies (CIST)	464	75.5%	30.5%	62.3	1.5	42:1	\$ 3,209	41.5	85.3%
Communication Studies (CMST, SPCH)	2,397	87.2%	55.5%	254.3	8.9	29:1	\$ 2,546	28.6	98.0%
Computer Science (CSCI)	221	84.5%	47.7%	25.4	1.1	23:1	\$ 3,658	18.5	54.8%
Economics (ECON)	754	87.0%	54.8%	84.6	1.7	50:1	\$ 1,661	49.8	99.5%
English (ENGL)	5,383	89.2%	59.6%	759.7	30.9	25:1	\$ 3,084	25.1	97.9%
English as a Second Language (ESOL)	603	99.6%	88.5%	196.3	9.5	21:1	\$ 4,061	20.2	87.1%
Fine Arts (ARTS, PHOT)	1,282	82.0%	39.3%	167.8	7.5	23:1	\$ 3,782	23.3	94.4%
First-Year Experience (ADEV, FYST)	1,612	95.1%	75.4%	114.1	4.3	27:1	\$ 3,057	23.8	95.2%
French (FREN)	179	86.1%	38.4%	32.2	1.2	26:1	\$ 3,509	23.4	78.1%
Geography (GEOG)	725	82.0%	40.5%	75.0	1.5	51:1	\$ 1,171	50.0	100.0%
Geology (GEOL)	200	72.1%	30.3%	23.4	0.6	40:1	\$ 2,424	30.9	96.6%
Global Health and Healing Arts (GHHA)	132	77.6%	25.0%	13.8	0.7	21:1	\$ 3,017	22.7	81.5%
Global Studies (ACES, GLOS)	928	85.1%	47.4%	98.4	2.8	35:1	\$ 2,050	35.1	94.4%
Health (HLTH)	1,078	88.0%	54.5%	96.4	3.5	28:1	\$ 3,052	28.0	96.5%
History (HIST)	1,218	87.1%	52.9%	143.3	3.1	47:1	\$ 1,436	47.9	95.7%
Information Studies (INFS)	885	83.6%	44.2%	63.4	2.2	29:1	\$ 2,347	26.4	97.1%
Japanese (JAPN)	38	80.6%	34.2%	8.2	0.3	26:1	\$ 2,387	24.5	81.7%
Journalism (JOUR)	33	86.2%	37.5%	3.3	0.1	33:1	\$ 2,406	33.0	103.1%
Mathematics (MATH)	3,892	86.9%	52.1%	779.7	24.7	32:1	\$ 2,576	31.0	88.3%
Music (MUSC)	358	77.4%	37.0%	40.8	0.9	48:1	\$ 1,659	40.8	92.7%

**MCTC Academic Department and Program Review FY2011  
Liberal Arts Enrollment Summary**

Department	Unduplicated Headcount	Under-represented Students	Students of Color	Student FYE	Faculty FTE	Student/Faculty Ratio	Subject Cost/FYE	Average Section Size	Saturation Rate
Philosophy (HUMN, PHIL)	1,384	84.4%	47.2%	150.2	4.2	36:1	\$ 2,023	35.8	95.7%
Physical Education (PHED)	949	86.5%	51.9%	35.9	1.4	26:1	\$ 3,684	27.0	97.9%
Physics (PHYS)	262	84.3%	47.7%	54.9	1.7	32:1	\$ 2,854	29.5	90.3%
Political Science (PSCI)	795	85.1%	50.0%	79.6	1.5	52:1	\$ 1,199	42.9	91.7%
Psychology (PSYC)	1,984	84.6%	51.4%	277.6	6.7	42:1	\$ 1,971	37.9	92.4%
Reading (READ, STSK)	2,054	95.8%	81.2%	278.6	10.2	27:1	\$ 2,713	27.4	98.0%
Sociology (SOCL)	1,845	88.5%	58.0%	225.8	4.6	50:1	\$ 1,693	49.1	98.2%
Spanish (SPAN)	632	86.6%	45.2%	122.7	3.9	31:1	\$ 2,419	26.3	87.6%
Theatre Arts (THTR)	617	91.5%	59.2%	54.7	2.0	28:1	\$ 3,756	31.4	86.0%
Women's Studies (WOST)	649	91.2%	54.2%	70.2	2.0	35:1	\$ 1,976	35.1	94.6%

# MCTC Academic Department and Program Review FY2011

## Liberal Arts Student Success Summary

Department	Assessment of SLOs Overall Score	Course-Level Success	
		Course Success Rate	Course Withdrawal Rate
American Indian Studies (AMIS)	0.5	65.9%	22.3%
American Sign Language (AMSL)	Exempt	70.9%	20.1%
American Studies (AMST)	Exempt	83.8%	7.4%
Anthropology (ANTH)	4	72.2%	17.6%
Arabic (ARAB)	Exempt	100.0%	0.0%
Astronomy (ASTR)	2	73.2%	15.2%
Biology (BIOL)	11	77.4%	11.8%
Chemistry (CHEM)	12	76.5%	13.6%
Chinese (CHIN)	Exempt	72.9%	16.7%
Cinema Studies (CIST)	Exempt	69.8%	16.6%
Communication Studies (CMST, SPCH)	10	71.6%	17.0%
Computer Science (CSCI)	8	70.1%	22.0%
Economics (ECON)	Exempt	82.3%	10.0%
English (ENGL)	6.5	66.4%	22.0%
English as a Second Language (ESOL)	7	80.0%	7.5%
Fine Arts (ARTS, PHOT)	4	74.8%	15.3%
First-Year Experience (ADEV, FYST)	0	60.3%	26.3%
French (FREN)	8.5	74.6%	14.1%
Geography (GEOG)	Exempt	75.7%	15.9%
Geology (GEOL)	9	66.5%	22.9%
Global Health and Healing Arts (GHHA)	Exempt	69.8%	21.4%
Global Studies (ACES, GLOS)	5	74.2%	14.0%
Health (HLTH)	9	75.1%	15.8%
History (HIST)	Exempt	65.1%	17.2%
Information Studies (INFS)	12	69.0%	18.2%
Japanese (JAPN)	Exempt	73.5%	20.4%



**MCTC Academic Department and Program Review FY2011  
Liberal Arts Student Success Summary**

Department	Assessment of SLOs Overall Score	Course-Level Success	
		Course Success Rate	Course Withdrawal Rate
Journalism (JOUR)	Exempt	75.8%	21.2%
Mathematics (MATH)	12	56.4%	25.3%
Music (MUSC)	10.5	65.4%	19.6%
Philosophy (HUMN, PHIL)	3	67.5%	18.2%
Physical Education (PHED)	9	78.6%	14.7%
Physics (PHYS)	7	78.5%	10.8%
Political Science (PSCI)	12	69.6%	14.1%
Psychology (PSYC)	11	65.9%	17.3%
Reading (READ, STSK)	10	55.0%	32.4%
Sociology (SOCL)	12	73.6%	13.3%
Spanish (SPAN)	8.5	61.8%	26.8%
Theatre Arts (THTR)	0	75.4%	13.4%
Women's Studies (WOST)	7	70.2%	20.7%

**MCTC Academic Department and Program Review FY2011  
Career and Technical Education Enrollment Summary**

Program	Unduplicated Headcount	Under-represented Students	Students of Color	Student FYE	Faculty FTE	Student/Faculty Ratio	Subject Cost/FYE	Average Section Size	Saturation Rate
Accounting (ACCT)	199	86.9%	50.8%	43.6	1.7	25:1	\$ 3,614	21.7	78.7%
Addiction Counseling (COUN)	302	86.5%	42.8%	65.3	2.4	27:1	\$ 2,766	21.6	91.4%
Air Traffic Control (ATCT)	140	52.4%	14.0%	85.1	3.2	27:1	\$ 3,394	28.1	72.7%
Aircraft Tech. (AMTA, AMTG, AMTP, AMTR)	6	100.0%	16.7%	3.4	0.7	5:1	\$ 34,546	6.0	24.0%
Allied Health (CMHW, CSIP, DNTA, HCCC)	487	89.7%	64.9%	47.3	2.5	19:1	\$ 5,191	19.9	66.6%
Apparel Technologies (APRL)	133	86.0%	42.3%	43.6	2.6	17:1	\$ 4,383	14.9	72.8%
Architectural Technology (ARCH)	75	81.0%	45.9%	29.9	2.8	11:1	\$ 7,557	9.8	53.3%
Barbering (BARB)	26	100.0%	88.5%	25.5	1.3	20:1	\$ 6,230	7.2	36.0%
Biotechnology (BIOT)	64	84.7%	40.6%	4.7	0.4	11:1	\$ 8,021	13.2	38.7%
Business Management (BUSN)	1,470	88.4%	59.1%	326.1	7.2	45:1	\$ 1,772	42.4	88.4%
Business Office Technology (BTEC)	461	94.6%	69.3%	97.3	4.2	23:1	\$ 3,599	20.5	86.5%
Cinema (ANIM, CINE, CIPR, CVFX, DREC, EDIT, FILM, MPRO, SCRIN, SNDC, VIDA)	240	75.3%	33.2%	93.5	6.1	15:1	\$ 7,487	13.3	77.1%
Construction Electricity (CNEL)	61	90.9%	50.0%	22.6	1.6	14:1	\$ 8,872	12.5	49.5%
Culinary Arts (CULA, REST)	113	85.8%	55.4%	58.2	2.3	25:1	\$ 4,281	24.7	93.0%
Dental Assistant (DNTA)	67	87.9%	72.7%	25.3	2.1	12:1	\$ 9,652	10.7	59.7%
Education & Child Dev. (CHDV, EDUC, URTE)	619	92.4%	61.9%	120.8	4.7	25:1	\$ 3,159	22.7	88.6%
Electroneurodiagnostic Technology (ENDT)	30	79.3%	50.0%	16.1	1.4	12:1	\$ 11,109	9.7	43.8%
Graphic Design and Electronic Publishing (EPUB, GRPH, WEBI)	492	73.7%	25.6%	161.1	5.7	28:1	\$ 2,762	24.8	87.6%
Heating, Ventilation, A/C, & Refrig. (HVAC)	86	87.2%	47.1%	39.6	2.6	15:1	\$ 7,161	13.5	56.2%
Homeland Security Specialist (HLSC)	174	89.7%	40.9%	28.8	1.4	20:1	\$ 3,518	16.9	61.4%
Human Services (HSER)	239	95.6%	69.8%	56.8	2.4	23:1	\$ 3,056	23.6	92.6%
Information Technology (ITEC)	373	80.7%	40.4%	132.8	6.1	22:1	\$ 3,624	20.5	76.5%
Law Enforcement (LAWE)	440	87.3%	50.5%	76.8	1.1	71:1	\$ 1,084	37.4	77.9%
Library Information Technology (LIBT)	42	70.0%	11.9%	11.3	0.5	21:1	\$ 5,226	12.2	61.1%
Machine Tool Technology (MTTC)	34	84.4%	44.1%	21.0	1.2	18:1	\$ 5,793	5.1	25.7%
Nursing (NURS)	319	80.5%	46.8%	143.1	17.3	8:1	\$ 10,427	16.6	83.2%
Nursing Asst./Home Health Aide (NAHA)	447	92.8%	62.0%	76.2	5.0	15:1	\$ 6,279	15.3	80.2%

## MCTC Academic Department and Program Review FY2011

### Career and Technical Education Enrollment Summary

Program	Unduplicated Headcount	Under-represented Students	Students of Color	Student FYE	Faculty FTE	Student/Faculty Ratio	Subject Cost/FYE	Average Section Size	Saturation Rate
Phlebotomy (PHLE)	17	82.4%	37.5%	2.3	0.1	38:1	\$ 1,626	17.0	94.4%
Photography and Digital Imaging (PHDI)	176	83.3%	28.9%	51.5	2.1	24:1	\$ 3,715	17.6	79.4%
Polysomnographic Technology (PSOM)	42	77.5%	45.2%	15.2	1.2	13:1	\$ 5,878	12.6	64.4%
Sound Arts (SNDA)	77	72.3%	28.0%	14.7	1.2	12:1	\$ 10,680	11.2	65.6%
Welding and Metal Fabrication (WELD)	57	76.9%	31.3%	20.5	0.8	25:1	\$ 6,431	18.6	76.9%
Western Clinical Herbalism (HERB)	49	81.4%	22.9%	7.0	0.7	11:1	\$ 4,634	9.3	35.6%

**MCTC Academic Department and Program Review FY2011  
Career and Technical Education Student Success Summary**

Program	Assessment of SLOs Overall Score	Course-Level Success		FY 2011 Awards			Retention, Graduation & Employment		
		Course Success Rate	Course Withdrawal Rate	Associate Degrees	Diplomas	Certificates	Fall to Fall Retention (Fall 10 Cohort)	Three-Year Graduation Rate (Fall 08 Cohort)	Related Employment Rate (2010 Graduates)
Accounting (ACCT)	12	79.3%	4.6%	21		16	57.1	6.5	66.7%
Addiction Counseling (COUN)	9	90.3%	5.2%	22	7		50.0	21.6	90.9%
Air Traffic Control (ATCT)	Exempt	91.7%	4.2%	60			29.6	54.5	17.5%
Aircraft Tech (AMTA, AMTG, AMTP, AMTR)	Exempt	100.0%	0.0%	2		13	0.0	88.2	63.6%
Allied Health (CMHW, CSIP, DNTA, HCCC)	Exempt	85.8%	8.6%			56	10.6	44.4	26.7%
Apparel Technologies (APRL)	6	78.6%	11.9%		15	8	29.7	32.0	100.0%
Architectural Technology (ARCH)	12	75.9%	8.9%		8		41.2	26.9	44.4%
Barbering (BARB)	3	98.1%	1.9%		1		100.0	0.0	0.0%
Biotechnology (BIOT)	12	77.2%	11.4%	5			0.0	0.0	0.0%
Business Management (BUSN)	12	63.3%	21.7%	50		4	29.0	10.3	72.2%
Business Office Technology (BTEC)	7	65.8%	20.5%	13	16	3	39.5	15.3	53.8%
Cinema (ANIM, CINE, CIPR, CVFX, DREC, EDIT, FILM, MPRO, SCRIN, SNDC, VIDA)	12	79.7%	8.4%	44	2	21	50.0	19.3	56.3%
	12								
	4								
	7								
	6								
Construction Electricity (CNEL)	6	84.9%	6.5%		6		31.3	33.3	83.3%
Culinary Arts (CULA, REST)	6	86.4%	7.8%	16	6	58	40.7	32.0	82.6%
Dental Assistant (DNTA)	10	91.1%	3.9%		25	2	43.3	63.6	0.0%
Education and Child Development (CHDV, EDUC, URTE)	0	68.6%	20.7%	34	9	25	31.0	24.5	92.9%
Electroneurodiagnostic Technology (ENDT)	9	82.5%	15.8%	7	7		29.2	31.8	100.0%
Graphic Design and Electronic Publishing (EPUB, GRPH, WEBI)	12	85.8%	10.0%	42	1	36	45.2	17.3	90.4%
Heating, Ventilation, A/C, & Refrig (HVAC)	9	89.5%	6.5%	12	1		75.0	44.1	66.7%

**MCTC Academic Department and Program Review FY2011  
Career and Technical Education Student Success Summary**

Program	Assessment of SLOs Overall Score	Course-Level Success		FY 2011 Awards			Retention, Graduation & Employment		
		Course Success Rate	Course Withdrawal Rate	Associate Degrees	Diplomas	Certificates	Fall to Fall Retention (Fall 10 Cohort)	Three-Year Graduation Rate (Fall 08 Cohort)	Related Employment Rate (2010 Graduates)
Homeland Security Specialist (HLSC)	Exempt	83.7%	9.5%	7		2	35.3	11.1	100.0%
Human Services (HSER)	11	89.3%	4.8%	40	5		52.2	36.8	68.4%
Information Technology (ITEC)	10	74.4%	15.2%	30	5	75	45.0	19.5	78.9%
Law Enforcement (LAWE)	Exempt	73.7%	14.4%	22		9	3.1	52.6	58.0%
Library Information Technology (LIBT)	12	89.1%	9.1%	8		14	75.0	33.3	100.0%
Machine Tool Technology (MTTC)	6	88.4%	5.3%		6		25.0	12.5	100.0%
Nursing (NURS)	Exempt	89.1%	2.6%	87	53		90.2	82.0	74.4%
Nursing Asst./Home Health Aide (NAHA)	Exempt	82.4%	14.4%			349	N/A	78.8	43.6%
Phlebotomy (PHLE)	Exempt	65.2%	17.4%			8	0.0	25.0	66.7%
Photography and Digital Imaging (PHDI)	6	84.4%	8.7%	19	2	1	68.8	26.8	76.9%
Polysomnographic Technology (PSOM)	12	87.1%	7.2%	9			77.8	50.0	100.0%
Sound Arts (SNDA)	6	71.7%	17.2%	10			45.5	36.8	71.4%
Welding and Metal Fabrication (WELD)	10	76.2%	12.6%			11	13.6	37.5	77.8%
Western Clinical Herbalism (HERB)	Exempt	85.7%	9.5%	13			20.0	25.0	50.0%

# MCTC Academic Department and Program Review FY2011

# Liberal Arts Departments

# MCTC Academic Department and Program Review FY2011

## American Indian Studies (AMIS)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	247	273	290	366	399
Underrepresented Students	84.2%	90.8%	85.8%	90.8%	92.9%
Students of Color	56.6%	66.9%	63.8%	63.9%	64.9%
Student FYE	27.4	33.6	33.9	44.2	47.5
Faculty FTE	0.9	0.8	0.7	1.0	1.2
Student/Faculty Ratio	32:1	40:1	48:1	42:1	40:1
Subject Cost/FYE	\$1,750	\$1,493	\$1,745	\$1,429	\$1,620
Sections Open	9	9	9	11	13
Seats Filled	269	328	331	430	466
Average Section Size	29.9	36.4	36.8	39.1	35.8
Saturation Rate	71.9%	87.7%	88.5%	94.1%	90.8%

#### Cost/FYE Comparison

Area/Ethnic/Cultural/Gender Studies	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 1,977	1,814	2,370	1,333
MnSCU Average Cost/FYE	\$ 3,200	3,583	3,787	3,075
Variance from MnSCU Average	\$ -1,224	-1,768	-1,417	-1,742

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	66.0%	66.5%	74.9%	70.6%	65.9%
Course Withdrawal Rate	10.4%	15.2%	16.5%	14.0%	22.3%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>0.5</b>

= No Assessment Reported

= Vulnerable

= Healthy

= Thriving



# MCTC Academic Department and Program Review FY2011

## American Sign Language (AMSL)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	92	100	90	100	116
Underrepresented Students	74.6%	86.3%	73.2%	81.3%	86.0%
Students of Color	31.5%	44.3%	32.6%	42.4%	41.7%
Student FYE	11.4	11.0	9.9	12.3	13.5
Faculty FTE	0.5	0.5	0.4	0.4	0.5
Student/Faculty Ratio	24:1	24:1	28:1	34:1	30:1
Subject Cost/FYE	\$1,966	\$2,059	\$1,946	\$1,441	\$1,681
Sections Open	5	5	4	4	5
Seats Filled	114	110	99	123	135
Average Section Size	22.8	22.0	24.8	30.8	27.0
Saturation Rate	76.0%	73.3%	82.5%	96.1%	90.0%

#### Cost/FYE Comparison

American Sign Language	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ No Data	2,242	1,946	1,442
MnSCU Average Cost/FYE	\$ No Data	4,179	4,085	3,655
Variance from MnSCU Average	\$ No Data	-1,938	-2,139	-2,214

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	71.1%	66.7%	63.6%	65.6%	70.9%
Course Withdrawal Rate	14.9%	20.4%	22.2%	17.2%	20.1%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>Exempt</b>

= No Assessment Reported

= Vulnerable

= Healthy

= Thriving

# MCTC Academic Department and Program Review FY2011

## American Studies (AMST)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	215	225	390	455	468
Underrepresented Students	76.7%	74.7%	76.1%	76.8%	84.9%
Students of Color	27.6%	32.9%	34.8%	34.2%	39.4%
Student FYE	21.6	22.7	42.3	50.3	50.2
Faculty FTE	0.5	0.5	0.9	1.1	0.9
Student/Faculty Ratio	43:1	50:1	47:1	46:1	56:1
Subject Cost/FYE	\$1,982	\$1,873	\$2,603	\$1,974	\$1,596
Sections Open	5	5	10	11	11
Seats Filled	216	227	423	503	502
Average Section Size	43.2	45.4	42.3	45.7	45.6
Saturation Rate	86.4%	90.8%	91.2%	97.9%	100.0%

#### Cost/FYE Comparison

Area/Ethnic/Cultural/Gender Studies	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 1,977	1,814	2,370	1,333
MnSCU Average Cost/FYE	\$ 3,200	3,583	3,787	3,075
Variance from MnSCU Average	\$ -1,224	-1,768	-1,417	-1,742

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	72.2%	74.7%	83.5%	83.1%	83.8%
Course Withdrawal Rate	8.8%	8.4%	5.9%	6.8%	7.4%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>Exempt</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Anthropology (ANTH)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	342	456	475	703	792
Underrepresented Students	72.5%	74.8%	75.3%	80.3%	83.6%
Students of Color	33.7%	34.8%	37.0%	40.6%	42.2%
Student FYE	35.6	47.3	48.5	73.4	85.7
Faculty FTE	0.8	1.1	1.1	1.5	1.8
Student/Faculty Ratio	43:1	42:1	43:1	48:1	47:1
Subject Cost/FYE	\$1,861	\$2,130	\$2,042	\$1,850	\$1,539
Sections Open	8	10	10	14	19
Seats Filled	356	473	485	734	857
Average Section Size	44.5	47.3	48.5	52.4	45.1
Saturation Rate	89.0%	94.6%	97.0%	100.8%	91.2%

#### Cost/FYE Comparison

Anthropology	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 1,826	2,146	2,044	1,939
MnSCU Average Cost/FYE	\$ 2,723	2,610	2,497	2,418
Variance from MnSCU Average	\$ -897	-464	-453	-479

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	66.3%	71.0%	81.2%	73.8%	72.2%
Course Withdrawal Rate	19.4%	16.7%	10.1%	14.9%	17.6%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>2</b>	<b>4</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Arabic (ARAB)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount		40	24	40	45
Underrepresented Students		85.7%	86.4%	97.2%	95.2%
Students of Color		37.8%	58.3%	65.0%	84.1%
Student FYE		8.0	4.3	8.0	8.8
Faculty FTE		0.3	0.2	0.3	0.3
Student/Faculty Ratio		24:1	24:1	24:1	26:1
Subject Cost/FYE		\$1,674	\$2,154	\$1,618	\$1,528
Sections Open		2	2	2	2
Seats Filled		48	26	48	53
Average Section Size		24.0	13.0	24.0	26.5
Saturation Rate		80.0%	43.3%	75.0%	88.3%

#### Cost/FYE Comparison

Foreign Languages And Literatures	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,310	3,066	2,802	3,040
MnSCU Average Cost/FYE	\$ 3,740	4,146	3,991	3,889
Variance from MnSCU Average	\$ -430	-1,080	-1,189	-849

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate		70.2%	73.1%	77.1%	100.0%
Course Withdrawal Rate		21.3%	15.4%	16.7%	0.0%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>Exempt</b>

= No Assessment Reported

= Vulnerable

= Healthy

= Thriving

# MCTC Academic Department and Program Review FY2011

## Astronomy (ASTR)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	300	313	309	330	321
Underrepresented Students	74.2%	69.5%	70.9%	71.1%	80.2%
Students of Color	29.2%	30.4%	34.8%	30.7%	32.3%
Student FYE	34.4	35.2	35.8	37.5	36.0
Faculty FTE	1.1	0.9	1.1	1.1	1.1
Student/Faculty Ratio	32:1	39:1	34:1	35:1	34:1
Subject Cost/FYE	\$2,843	\$1,754	\$2,575	\$2,476	\$2,490
Sections Open	16	16	16	16	16
Seats Filled	463	458	473	496	473
Average Section Size	28.9	28.6	29.6	31.0	29.6
Saturation Rate	96.5%	95.4%	98.5%	100.8%	97.3%

#### Cost/FYE Comparison

Astronomy And Astrophysics	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 2,844	1,764	2,545	2,475
MnSCU Average Cost/FYE	\$ 2,810	2,458	3,022	2,948
Variance from MnSCU Average	\$ 34	-695	-477	-472

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	64.1%	75.1%	70.6%	74.4%	73.2%
Course Withdrawal Rate	18.8%	15.1%	13.3%	12.7%	15.2%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>		<b>2</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Biology (BIOL)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	2,317	2,566	2,667	2,867	2,908
Underrepresented Students	81.2%	79.4%	78.7%	80.6%	84.4%
Students of Color	42.1%	43.3%	45.0%	46.9%	49.2%
Student FYE	356.6	411.8	427.3	441.1	445.5
Faculty FTE	9.9	11.6	12.0	12.4	13.8
Student/Faculty Ratio	36:1	35:1	36:1	36:1	32:1
Subject Cost/FYE	\$2,257	\$2,375	\$2,508	\$2,378	\$2,542
Sections Open	103	107	125	119	134
Seats Filled	3,738	4,074	4,499	4,431	4,527
Average Section Size	36.3	38.1	36.0	37.2	33.8
Saturation Rate	92.7%	94.1%	94.2%	92.2%	88.5%

#### Cost/FYE Comparison

Biological And Biomedical Sciences	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 2,575	2,700	2,827	2,579
MnSCU Average Cost/FYE	\$ 3,055	3,139	3,242	2,995
Variance from MnSCU Average	\$ -480	-439	-415	-416

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	77.5%	75.2%	76.4%	74.7%	77.4%
Course Withdrawal Rate	13.8%	14.9%	11.1%	13.4%	11.8%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>11</b>	<b>11</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Chemistry (CHEM)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	713	799	910	946	970
Underrepresented Students	81.0%	80.4%	78.2%	79.0%	82.2%
Students of Color	44.7%	45.2%	45.7%	44.6%	46.2%
Student FYE	118.7	134.7	153.7	164.5	170.9
Faculty FTE	4.5	4.9	5.2	6.0	5.5
Student/Faculty Ratio	26:1	28:1	30:1	27:1	31:1
Subject Cost/FYE	\$3,760	\$3,645	\$3,429	\$3,394	\$3,096
Sections Open	32	35	41	35	45
Seats Filled	1,011	1,129	1,299	1,265	1,477
Average Section Size	31.6	32.3	31.7	36.1	32.8
Saturation Rate	92.2%	89.0%	88.9%	86.8%	88.9%

#### Cost/FYE Comparison

Chemistry	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,746	3,502	3,469	3,406
MnSCU Average Cost/FYE	\$ 3,495	3,681	3,726	3,428
Variance from MnSCU Average	\$ 251	-179	-257	-22

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	73.9%	74.1%	72.6%	76.4%	76.5%
Course Withdrawal Rate	17.3%	15.8%	13.6%	12.3%	13.6%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>11</b>	<b>12</b>

□ = No Assessment Reported

0 = Vulnerable

1 = Healthy

2 = Thriving

# MCTC Academic Department and Program Review FY2011

## Chinese (CHIN)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	41	22	40	32	34
Underrepresented Students	81.8%	75.0%	85.7%	96.3%	88.0%
Students of Color	27.5%	41.2%	26.3%	53.1%	38.2%
Student FYE	9.0	3.7	6.7	7.0	8.0
Faculty FTE	0.5	0.2	0.3	0.3	0.3
Student/Faculty Ratio	18:1	22:1	20:1	21:1	24:1
Subject Cost/FYE	\$3,264	\$2,569	\$3,146	\$2,797	\$2,515
Sections Open	3	1	2	2	2
Seats Filled	54	22	40	42	48
Average Section Size	18.0	22.0	20.0	21.0	24.0
Saturation Rate	60.0%	73.3%	66.7%	67.7%	80.0%

#### Cost/FYE Comparison

Foreign Languages And Literatures	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,310	3,066	2,802	3,040
MnSCU Average Cost/FYE	\$ 3,740	4,146	3,991	3,889
Variance from MnSCU Average	\$ -430	-1,080	-1,189	-849

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	57.7%	40.9%	27.5%	75.6%	72.9%
Course Withdrawal Rate	15.4%	50.0%	35.0%	9.8%	16.7%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>Exempt</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving



# MCTC Academic Department and Program Review FY2011

## Cinema Studies (CIST)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount			249	461	464
Underrepresented Students			58.8%	71.9%	75.5%
Students of Color			22.3%	31.2%	30.5%
Student FYE			37.1	63.2	62.3
Faculty FTE			1.2	1.5	1.5
Student/Faculty Ratio			31:1	43:1	42:1
Subject Cost/FYE			\$3,819	\$3,204	\$3,209
Sections Open			12	15	15
Seats Filled			371	632	623
Average Section Size			30.9	42.1	41.5
Saturation Rate			66.3%	83.8%	85.3%

#### Cost/FYE Comparison

Film/Video And Photographic Arts	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,993	5,086	5,788	6,525
MnSCU Average Cost/FYE	\$ 4,715	5,390	4,721	4,632
Variance from MnSCU Average	\$ 278	-304	1,067	1,893

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate			78.1%	69.3%	69.8%
Course Withdrawal Rate			8.6%	12.9%	16.6%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

This program was exempt from reporting on student learning outcomes in FY10 and FY11.

# MCTC Academic Department and Program Review FY2011

## Communication Studies (CMST, SPCH)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	1,529	1,763	1,730	2,169	2,397
Underrepresented Students	83.6%	82.2%	82.2%	83.3%	87.2%
Students of Color	47.1%	49.6%	51.6%	50.9%	55.5%
Student FYE	161.6	185.1	180.7	227.9	254.3
Faculty FTE	5.6	6.1	6.2	7.3	8.9
Student/Faculty Ratio	29:1	31:1	29:1	31:1	29:1
Subject Cost/FYE	\$2,240	\$2,245	\$2,682	\$2,434	\$2,546
Sections Open	57	65	63	77	89
Seats Filled	1,616	1,851	1,807	2,279	2,543
Average Section Size	28.4	28.5	28.7	29.6	28.6
Saturation Rate	97.2%	98.6%	98.9%	99.0%	98.0%

#### Cost/FYE Comparison

Speech And Rhetorical Studies	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 2,240	2,250	2,702	2,041
MnSCU Average Cost/FYE	\$ 3,127	3,279	3,275	2,882
Variance from MnSCU Average	\$ -887	-1,029	-573	-841

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	79.9%	79.1%	77.4%	74.4%	71.6%
Course Withdrawal Rate	11.2%	13.2%	11.0%	12.9%	17.0%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>11</b>	<b>10</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Computer Science (CSCI)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	157	158	168	189	221
Underrepresented Students	84.6%	86.5%	77.6%	84.9%	84.5%
Students of Color	46.8%	53.8%	49.1%	51.1%	47.7%
Student FYE	17.4	17.4	18.8	20.8	25.4
Faculty FTE	0.9	0.7	0.8	0.7	1.1
Student/Faculty Ratio	21:1	27:1	24:1	31:1	23:1
Subject Cost/FYE	\$4,939	\$3,566	\$4,327	\$3,355	\$3,658
Sections Open	10	8	9	8	13
Seats Filled	167	169	179	194	241
Average Section Size	16.7	21.1	19.9	24.3	18.5
Saturation Rate	50.6%	65.0%	59.7%	71.6%	54.8%

#### Cost/FYE Comparison

Computer Science	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,910	3,989	4,464	No Data
MnSCU Average Cost/FYE	\$ 5,263	6,056	5,604	No Data
<b>Variance from MnSCU Average</b>	<b>\$ -353</b>	<b>-2,068</b>	<b>-1,140</b>	No Data

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	54.5%	66.3%	72.1%	59.8%	70.1%
Course Withdrawal Rate	27.5%	25.4%	19.6%	32.5%	22.0%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>		<b>8</b>

= No Assessment Reported

=Vulnerable

=Healthy

=Thriving

# MCTC Academic Department and Program Review FY2011

## Economics (ECON)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	707	746	737	739	754
Underrepresented Students	84.6%	83.8%	81.7%	86.4%	87.0%
Students of Color	49.0%	51.0%	48.8%	53.5%	54.8%
Student FYE	81.6	83.7	82.9	83.8	84.6
Faculty FTE	1.6	1.7	1.6	1.5	1.7
Student/Faculty Ratio	51:1	50:1	52:1	56:1	50:1
Subject Cost/FYE	\$1,652	\$1,759	\$1,704	\$1,498	\$1,661
Sections Open	17	18	17	16	17
Seats Filled	816	837	829	838	846
Average Section Size	48.0	46.5	48.8	52.4	49.8
Saturation Rate	96.0%	97.0%	97.5%	101.2%	99.5%

#### Cost/FYE Comparison

Economics	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 1,724	1,859	1,808	1,601
MnSCU Average Cost/FYE	\$ 2,791	3,068	3,032	2,785
Variance from MnSCU Average	\$ -1,067	-1,208	-1,224	-1,184

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	80.5%	78.7%	82.2%	84.4%	82.3%
Course Withdrawal Rate	10.3%	10.2%	5.3%	7.3%	10.0%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>8</b>	<b>Exempt</b>

= No Assessment Reported

0 = Vulnerable

1 = Healthy

2 = Thriving

# MCTC Academic Department and Program Review FY2011

## English (ENGL)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	3,970	4,154	4,261	5,203	5,383
Underrepresented Students	84.7%	84.6%	84.6%	85.4%	89.2%
Students of Color	52.7%	54.2%	55.4%	56.9%	59.6%
Student FYE	544.8	571.3	590.1	721.2	759.7
Faculty FTE	23.1	23.1	23.3	27.5	30.9
Student/Faculty Ratio	24:1	25:1	25:1	26:1	25:1
Subject Cost/FYE	\$3,060	\$3,272	\$3,014	\$2,801	\$3,084
Sections Open	200	204	207	237	265
Seats Filled	4,865	5,078	5,193	6,371	6,653
Average Section Size	24.3	24.9	25.1	26.9	25.1
Saturation Rate	93.6%	96.6%	98.1%	99.5%	97.9%

#### Cost/FYE Comparison

English Language And Literature General	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,045	3,310	4,603	3,495
MnSCU Average Cost/FYE	\$ 3,348	3,482	3,591	3,242
Variance from MnSCU Average	\$ -303	-172	1,011	254

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	68.5%	67.3%	68.8%	64.7%	66.4%
Course Withdrawal Rate	21.0%	22.2%	19.9%	23.0%	22.0%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>10</b>	<b>6.5</b>

□ = No Assessment Reported

0 = Vulnerable

1 = Healthy

2 = Thriving

# MCTC Academic Department and Program Review FY2011

## English as a Second Language (ESOL)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	756	696	648	672	603
Underrepresented Students	99.4%	99.4%	99.5%	98.9%	99.6%
Students of Color	89.2%	87.6%	88.8%	86.0%	88.5%
Student FYE	249.0	210.7	207.8	226.4	196.3
Faculty FTE	13.7	10.5	9.3	10.0	9.5
Student/Faculty Ratio	18:1	20:1	22:1	23:1	21:1
Subject Cost/FYE	\$4,097	\$4,087	\$3,790	\$3,704	\$4,061
Sections Open	89	75	69	73	69
Seats Filled	1,757	1,503	1,473	1,615	1,395
Average Section Size	19.7	20.0	21.3	22.1	20.2
Saturation Rate	85.1%	85.9%	91.7%	95.2%	87.1%

#### Cost/FYE Comparison

Basic Skills	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,755	3,628	1,691	2,156
MnSCU Average Cost/FYE	\$ 3,933	3,830	3,135	3,414
Variance from MnSCU Average	\$ -178	-202	-1,444	-1,258

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	76.8%	79.5%	82.0%	79.1%	80.0%
Course Withdrawal Rate	6.7%	7.2%	3.7%	6.4%	7.5%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>5</b>	<b>7</b>

□ = No Assessment Reported

0 = Vulnerable

1 = Healthy

2 = Thriving

# MCTC Academic Department and Program Review FY2011

## Fine Arts (ARTS, PHOT)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	969	1,009	1,139	1,244	1,282
Underrepresented Students	73.5%	74.3%	74.5%	76.4%	82.0%
Students of Color	31.1%	33.9%	34.5%	36.8%	39.3%
Student FYE	121.0	131.6	146.3	162.4	167.8
Faculty FTE	4.8	4.9	6.2	6.6	7.5
Student/Faculty Ratio	25:1	27:1	24:1	25:1	22:1
Subject Cost/FYE	\$3,107	\$3,375	\$3,454	\$3,247	\$3,782
Sections Open	53	55	62	66	72
Seats Filled	1,210	1,316	1,463	1,624	1,679
Average Section Size	22.8	23.9	23.6	24.6	23.3
Saturation Rate	93.9%	97.1%	96.1%	99.1%	94.4%

#### Cost/FYE Comparison

Film/Video And Photographic Arts	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,993	5,086	5,788	6,525
MnSCU Average Cost/FYE	\$ 4,715	5,390	4,721	4,632
<b>Variance from MnSCU Average</b>	<b>\$ 278</b>	<b>-304</b>	<b>1,067</b>	<b>1,893</b>

Fine and Studio Art	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,290	3,856	3,380	3,098
MnSCU Average Cost/FYE	\$ 4,209	4,428	4,513	4,057
<b>Variance from MnSCU Average</b>	<b>\$ -918</b>	<b>-572</b>	<b>-1,133</b>	<b>-968</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	72.6%	75.4%	74.8%	77.8%	74.8%
Course Withdrawal Rate	18.1%	17.0%	16.9%	14.0%	15.3%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

# MCTC Academic Department and Program Review FY2011

## Fine Arts (ARTS, PHOT)

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>7</b>	<b>4</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving



# MCTC Academic Department and Program Review FY2011

## First-Year Experience (ADEV, FYST)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	556	697	1,426	1,573	1,612
Underrepresented Students	92.8%	90.1%	94.2%	95.3%	95.1%
Students of Color	75.8%	72.0%	77.8%	78.8%	75.4%
Student FYE	37.9	47.4	98.3	109.3	114.1
Faculty FTE	1.9	1.8	4.4	4.2	4.3
Student/Faculty Ratio	20:1	26:1	22:1	26:1	27:1
Subject Cost/FYE	\$2,712	\$2,640	\$2,845	\$2,493	\$3,057
Sections Open	26	33	67	69	72
Seats Filled	568	710	1,474	1,638	1,711
Average Section Size	21.8	21.5	22.0	23.7	23.8
Saturation Rate	86.1%	86.1%	89.7%	94.6%	95.2%

#### Cost/FYE Comparison

Basic Skills	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,755	3,628	1,691	2,156
MnSCU Average Cost/FYE	\$ 3,933	3,830	3,135	3,414
Variance from MnSCU Average	\$ -178	-202	-1,444	-1,258

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	67.9%	60.0%	58.8%	56.0%	60.3%
Course Withdrawal Rate	15.2%	24.1%	20.8%	25.5%	26.3%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>0</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## French (FREN)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	76	131	109	163	179
Underrepresented Students	76.6%	77.0%	73.6%	77.5%	86.1%
Students of Color	29.3%	37.0%	36.1%	36.4%	38.4%
Student FYE	14.8	20.1	19.3	31.5	32.2
Faculty FTE	0.5	0.8	0.5	1.1	1.2
Student/Faculty Ratio	33:1	25:1	38:1	28:1	26:1
Subject Cost/FYE	\$2,858	\$3,472	\$2,033	\$3,142	\$3,509
Sections Open	5	7	6	8	9
Seats Filled	89	151	133	209	211
Average Section Size	17.8	21.6	22.2	26.1	23.4
Saturation Rate	59.3%	71.9%	73.9%	81.6%	78.1%

#### Cost/FYE Comparison

Foreign Languages And Literatures	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,310	3,066	2,802	3,040
MnSCU Average Cost/FYE	\$ 3,740	4,146	3,991	3,889
Variance from MnSCU Average	\$ -430	-1,080	-1,189	-849

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	80.2%	80.0%	84.1%	81.3%	74.6%
Course Withdrawal Rate	15.4%	13.3%	12.9%	12.5%	14.1%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>8.5</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Geography (GEOG)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	624	691	706	725	725
Underrepresented Students	75.0%	75.1%	75.0%	80.0%	82.0%
Students of Color	35.8%	31.8%	36.7%	38.5%	40.5%
Student FYE	66.1	73.7	75.2	75.8	75.0
Faculty FTE	1.5	1.7	1.6	1.6	1.5
Student/Faculty Ratio	43:1	44:1	47:1	48:1	51:1
Subject Cost/FYE	\$1,662	\$1,749	\$1,633	\$1,586	\$1,171
Sections Open	15	16	15	15	15
Seats Filled	661	737	752	758	750
Average Section Size	44.1	46.1	50.1	50.5	50.0
Saturation Rate	88.1%	92.1%	100.3%	97.6%	100.0%

#### Cost/FYE Comparison

Geography And Cartography	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 1,711	1,742	1,633	1,462
MnSCU Average Cost/FYE	\$ 2,820	2,855	2,899	2,523
Variance from MnSCU Average	\$ -1,109	-1,113	-1,266	-1,061

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	80.8%	76.1%	78.3%	78.0%	75.7%
Course Withdrawal Rate	9.5%	12.6%	10.4%	10.0%	15.9%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>1</b>	<b>Exempt</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Geology (GEOL)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	186	202	207	215	200
Underrepresented Students	66.7%	75.3%	69.7%	69.2%	72.1%
Students of Color	25.1%	37.6%	24.1%	25.4%	30.3%
Student FYE	23.1	23.7	24.1	24.6	23.4
Faculty FTE	0.6	0.6	0.6	0.6	0.6
Student/Faculty Ratio	40:1	41:1	42:1	42:1	40:1
Subject Cost/FYE	\$2,032	\$2,074	\$2,103	\$2,243	\$2,424
Sections Open	10	10	10	10	10
Seats Filled	311	312	317	323	309
Average Section Size	31.1	31.2	31.7	32.3	30.9
Saturation Rate	97.2%	97.5%	99.1%	98.5%	96.6%

#### Cost/FYE Comparison

Geological & Earth Sciences/Geosciences	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 2,078	2,096	2,118	2,209
MnSCU Average Cost/FYE	\$ 3,383	3,538	3,526	3,248
Variance from MnSCU Average	\$ -1,304	-1,443	-1,408	-1,039

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	65.4%	66.7%	69.5%	67.5%	66.5%
Course Withdrawal Rate	22.7%	18.6%	17.8%	17.0%	22.9%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>9</b>	<b>9</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Global Health and Healing Arts (GHHA)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount		58	50	98	132
Underrepresented Students		75.0%	70.7%	85.2%	77.6%
Students of Color		25.5%	21.3%	36.1%	25.0%
Student FYE		6.2	5.0	10.1	13.8
Faculty FTE		0.3	0.4	0.4	0.7
Student/Faculty Ratio		19:1	14:1	26:1	21:1
Subject Cost/FYE		\$4,547	\$6,497	\$2,840	\$3,017
Sections Open		3	3	4	7
Seats Filled		62	50	109	159
Average Section Size		20.7	16.7	27.3	22.7
Saturation Rate		68.9%	55.6%	94.8%	81.5%

#### Cost/FYE Comparison

Health-Related Knowledge/Skills	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 2,773	4,323	1,784	924
MnSCU Average Cost/FYE	\$ 3,102	3,421	3,511	2,809
Variance from MnSCU Average	\$ -329	902	-1,727	-1,885

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate		67.7%	84.0%	76.1%	69.8%
Course Withdrawal Rate		17.7%	6.0%	15.6%	21.4%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

This program was exempt from reporting on student learning outcomes in FY10 and FY11.

# MCTC Academic Department and Program Review FY2011

## Global Studies (ACES, GLOS)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	493	789	664	819	928
Underrepresented Students	80.9%	76.2%	76.1%	78.9%	85.1%
Students of Color	39.1%	37.1%	42.4%	42.6%	47.4%
Student FYE	51.7	84.1	69.8	86.1	98.4
Faculty FTE	1.4	2.2	1.9	2.2	2.8
Student/Faculty Ratio	36:1	38:1	37:1	39:1	35:1
Subject Cost/FYE	\$2,304	\$2,420	\$2,723	\$2,022	\$2,050
Sections Open	14	23	20	22	28
Seats Filled	517	841	698	861	984
Average Section Size	36.9	36.6	34.9	39.1	35.1
Saturation Rate	97.2%	96.2%	93.6%	98.6%	94.4%

#### Cost/FYE Comparison

Area/Ethnic/Cultural/Gender Studies	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 1,977	1,814	2,370	1,333
MnSCU Average Cost/FYE	\$ 3,200	3,583	3,787	3,075
Variance from MnSCU Average	\$ -1,224	-1,768	-1,417	-1,742

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	73.6%	74.8%	74.7%	73.6%	74.2%
Course Withdrawal Rate	15.5%	16.0%	13.9%	15.3%	14.0%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>8</b>	<b>5</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Health (HLTH)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	740	828	902	973	1,078
Underrepresented Students	82.4%	82.0%	83.8%	83.1%	88.0%
Students of Color	48.1%	51.6%	53.6%	53.3%	54.5%
Student FYE	60.0	72.2	75.7	85.5	96.4
Faculty FTE	2.5	2.6	2.8	3.1	3.5
Student/Faculty Ratio	24:1	27:1	27:1	28:1	28:1
Subject Cost/FYE	\$3,572	\$3,313	\$3,202	\$3,268	\$3,052
Sections Open	31	35	35	39	42
Seats Filled	771	903	954	1,079	1,175
Average Section Size	24.9	25.8	27.3	27.7	28.0
Saturation Rate	89.5%	91.1%	94.2%	96.2%	96.5%

#### Cost/FYE Comparison

Parks Recreation Leisure & Fitness	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,030	3,612	3,533	3,547
MnSCU Average Cost/FYE	\$ 3,304	3,111	3,503	3,305
<b>Variance from MnSCU Average</b>	<b>\$ 726</b>	<b>500</b>	<b>30</b>	<b>242</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	72.2%	75.2%	77.4%	76.4%	75.1%
Course Withdrawal Rate	8.8%	13.3%	10.6%	11.0%	15.8%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>9</b>	<b>9</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## History (HIST)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	1,102	1,205	1,067	1,083	1,218
Underrepresented Students	83.1%	83.0%	81.2%	83.8%	87.1%
Students of Color	49.1%	49.0%	48.2%	48.2%	52.9%
Student FYE	126.7	139.9	122.9	127.2	143.3
Faculty FTE	2.6	3.0	2.2	2.6	3.1
Student/Faculty Ratio	48:1	47:1	56:1	50:1	47:1
Subject Cost/FYE	\$1,467	\$1,784	\$1,885	\$1,567	\$1,436
Sections Open	27	29	24	24	28
Seats Filled	1,190	1,338	1,163	1,190	1,340
Average Section Size	44.1	46.1	48.5	49.6	47.9
Saturation Rate	88.1%	92.3%	96.9%	95.8%	95.7%

#### Cost/FYE Comparison

History	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 1,485	1,920	1,897	1,563
MnSCU Average Cost/FYE	\$ 2,492	2,755	2,819	2,550
Variance from MnSCU Average	\$ -1,007	-835	-922	-987

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	66.3%	67.5%	67.9%	64.1%	65.1%
Course Withdrawal Rate	19.4%	14.6%	15.1%	12.5%	17.2%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>4</b>	<b>Exempt</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving



# MCTC Academic Department and Program Review FY2011

## Information Studies (INFS)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	510	573	660	770	885
Underrepresented Students	80.0%	82.4%	82.2%	82.0%	83.6%
Students of Color	39.8%	46.0%	45.8%	46.6%	44.2%
Student FYE	36.7	40.9	48.3	55.7	63.4
Faculty FTE	0.5	0.7	0.8	1.4	2.2
Student/Faculty Ratio	80:1	57:1	58:1	41:1	29:1
Subject Cost/FYE	\$1,969	\$2,029	\$2,352	\$2,543	\$2,347
Sections Open	24	24	27	30	35
Seats Filled	536	594	693	798	923
Average Section Size	22.3	24.8	25.7	26.6	26.4
Saturation Rate	82.0%	90.8%	94.3%	93.4%	97.1%

#### Cost/FYE Comparison

Information Science/Studies	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,306	2,963	2,606	No Data
MnSCU Average Cost/FYE	\$ 4,417	4,622	7,262	No Data
Variance from MnSCU Average	\$ -1,111	-1,660	-4,656	No Data

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	62.4%	60.2%	63.5%	67.8%	69.0%
Course Withdrawal Rate	25.2%	29.6%	20.7%	16.2%	18.2%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>12</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Japanese (JAPN)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	30	34	35	37	38
Underrepresented Students	85.7%	68.2%	69.6%	85.7%	80.6%
Students of Color	40.0%	34.4%	40.0%	48.6%	34.2%
Student FYE	7.5	7.7	8.3	9.3	8.2
Faculty FTE	0.3	0.3	0.3	0.3	0.3
Student/Faculty Ratio	23:1	24:1	32:1	27:1	26:1
Subject Cost/FYE	\$2,131	\$2,443	\$2,344	\$2,355	\$2,387
Sections Open	2	2	2	2	2
Seats Filled	45	46	50	56	49
Average Section Size	22.5	23.0	25.0	28.0	24.5
Saturation Rate	75.0%	76.7%	83.3%	87.5%	81.7%

#### Cost/FYE Comparison

Foreign Languages And Literatures	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,310	3,066	2,802	3,040
MnSCU Average Cost/FYE	\$ 3,740	4,146	3,991	3,889
Variance from MnSCU Average	\$ -430	-1,080	-1,189	-849

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	84.4%	71.7%	80.0%	87.5%	73.5%
Course Withdrawal Rate	8.9%	19.6%	6.0%	7.1%	20.4%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>Exempt</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Journalism (JOUR)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	64	75	75	30	33
Underrepresented Students	73.6%	76.9%	69.6%	59.3%	86.2%
Students of Color	32.8%	28.4%	28.6%	46.7%	37.5%
Student FYE	6.8	7.0	7.1	3.0	3.3
Faculty FTE	0.3	0.3	0.3	0.1	0.1
Student/Faculty Ratio	21:1	21:1	21:1	30:1	33:1
Subject Cost/FYE	\$3,901	\$4,302	\$4,027	\$2,509	\$2,406
Sections Open	4	4	4	1	1
Seats Filled	73	78	81	30	33
Average Section Size	18.3	19.5	20.3	30.0	33.0
Saturation Rate	70.2%	75.0%	77.9%	93.8%	103.1%

#### Cost/FYE Comparison

Communication Journalism & Related Prog	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,993	4,189	3,256	2,509
MnSCU Average Cost/FYE	\$ 3,530	3,710	3,803	3,737
Variance from MnSCU Average	\$ 1,463	479	-548	-1,228

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	63.5%	59.0%	67.9%	80.0%	75.8%
Course Withdrawal Rate	25.7%	29.5%	28.4%	16.7%	21.2%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

This program was exempt from reporting on student learning outcomes in FY10 and FY11.

# MCTC Academic Department and Program Review FY2011

## Mathematics (MATH)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	2,628	2,852	3,047	3,771	3,892
Underrepresented Students	82.5%	82.2%	83.1%	83.3%	86.9%
Students of Color	47.9%	50.7%	51.8%	52.5%	52.1%
Student FYE	513.7	568.1	610.1	757.6	779.7
Faculty FTE	17.5	17.5	18.9	22.9	24.7
Student/Faculty Ratio	29:1	32:1	32:1	33:1	32:1
Subject Cost/FYE	\$2,599	\$2,560	\$2,634	\$2,439	\$2,576
Sections Open	116	120	131	156	171
Seats Filled	3,447	3,816	4,105	5,095	5,298
Average Section Size	29.7	31.8	31.3	32.7	31.0
Saturation Rate	83.1%	89.2%	87.9%	89.7%	88.3%

#### Cost/FYE Comparison

Mathematics And Statistics	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 2,607	2,564	2,606	2,454
MnSCU Average Cost/FYE	\$ 3,102	3,085	3,183	2,903
Variance from MnSCU Average	\$ -495	-521	-577	-449

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	57.6%	59.0%	59.8%	58.0%	56.4%
Course Withdrawal Rate	26.4%	26.6%	21.8%	23.4%	25.3%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>7</b>	<b>12</b>

□ = No Assessment Reported

0 = Vulnerable

1 = Healthy

2 = Thriving

# MCTC Academic Department and Program Review FY2011

## Music (MUSC)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	218	289	364	374	358
Underrepresented Students	71.8%	74.3%	70.3%	75.2%	77.4%
Students of Color	39.9%	30.7%	37.6%	39.8%	37.0%
Student FYE	25.4	34.5	40.7	41.7	40.8
Faculty FTE	0.5	0.6	0.7	0.8	0.9
Student/Faculty Ratio	50:1	55:1	55:1	50:1	48:1
Subject Cost/FYE	\$1,561	\$1,387	\$1,460	\$1,605	\$1,659
Sections Open	7	9	10	10	10
Seats Filled	254	345	407	417	408
Average Section Size	36.3	38.3	40.7	41.7	40.8
Saturation Rate	84.7%	88.5%	94.7%	94.3%	92.7%

#### Cost/FYE Comparison

Music	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 1,703	1,577	1,618	1,613
MnSCU Average Cost/FYE	\$ 4,995	5,207	5,199	4,651
Variance from MnSCU Average	\$ -3,291	-3,631	-3,581	-3,038

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	59.4%	58.4%	60.4%	61.6%	65.4%
Course Withdrawal Rate	21.3%	21.8%	19.4%	18.5%	19.6%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>7</b>	<b>10.5</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Philosophy (HUMN, PHIL)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	913	1,067	977	1,244	1,384
Underrepresented Students	81.4%	80.5%	78.7%	81.6%	84.4%
Students of Color	44.6%	46.5%	43.7%	48.2%	47.2%
Student FYE	95.1	111.1	100.7	130.8	150.2
Faculty FTE	2.9	3.0	2.7	3.4	4.2
Student/Faculty Ratio	33:1	38:1	37:1	39:1	36:1
Subject Cost/FYE	\$2,278	\$1,893	\$2,031	\$1,724	\$2,023
Sections Open	29	30	28	34	42
Seats Filled	951	1,111	1,007	1,308	1,503
Average Section Size	32.8	37.0	36.0	38.5	35.8
Saturation Rate	88.4%	99.7%	95.8%	98.8%	95.7%

#### Cost/FYE Comparison

Philosophy And Religious Studies	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 2,399	2,066	1,695	1,646
MnSCU Average Cost/FYE	\$ 2,333	2,383	2,470	2,306
Variance from MnSCU Average	\$ 66	-316	-775	-660

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	69.9%	72.8%	67.6%	64.6%	67.5%
Course Withdrawal Rate	15.8%	14.1%	14.1%	17.8%	18.2%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>3</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Physical Education (PHED)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	856	950	915	993	949
Underrepresented Students	85.1%	81.5%	82.3%	84.6%	86.5%
Students of Color	50.3%	46.7%	50.7%	53.4%	51.9%
Student FYE	33.7	38.7	35.0	39.9	35.9
Faculty FTE	1.5	1.4	1.6	1.6	1.4
Student/Faculty Ratio	23:1	27:1	22:1	26:1	25:1
Subject Cost/FYE	\$4,365	\$3,554	\$4,221	\$3,913	\$3,684
Sections Open	44	44	44	46	38
Seats Filled	973	1,091	1,017	1,143	1,025
Average Section Size	22.1	24.8	23.1	24.8	27.0
Saturation Rate	79.2%	88.5%	83.2%	90.9%	97.9%

#### Cost/FYE Comparison

Parks Recreation Leisure & Fitness	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,030	3,612	3,533	3,547
MnSCU Average Cost/FYE	\$ 3,304	3,111	3,503	3,305
Variance from MnSCU Average	\$ 726	500	30	242

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	74.8%	76.4%	75.4%	78.6%	78.6%
Course Withdrawal Rate	12.1%	14.4%	13.0%	12.1%	14.7%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>9</b>	<b>9</b>

= No Assessment Reported

0 = Vulnerable

1 = Healthy

2 = Thriving

# MCTC Academic Department and Program Review FY2011

## Physics (PHYS)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	211	237	257	263	262
Underrepresented Students	80.7%	78.8%	84.3%	83.2%	84.3%
Students of Color	41.7%	46.6%	45.9%	43.7%	47.7%
Student FYE	40.6	46.1	52.9	53.0	54.9
Faculty FTE	1.3	1.4	1.4	1.5	1.7
Student/Faculty Ratio	30:1	34:1	37:1	34:1	32:1
Subject Cost/FYE	\$2,946	\$2,686	\$2,704	\$2,691	\$2,854
Sections Open	10	10	10	10	11
Seats Filled	256	288	320	322	325
Average Section Size	25.6	28.8	32.0	32.2	29.5
Saturation Rate	43.1%	66.7%	88.9%	94.2%	90.3%

#### Cost/FYE Comparison

Physics	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 2,931	2,680	3,248	2,878
MnSCU Average Cost/FYE	\$ 3,982	3,936	4,072	3,684
Variance from MnSCU Average	\$ -1,052	-1,256	-824	-805

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	79.7%	73.5%	78.1%	80.7%	78.5%
Course Withdrawal Rate	9.0%	18.5%	13.4%	11.5%	10.8%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>8</b>	<b>7</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving



# MCTC Academic Department and Program Review FY2011

## Political Science (PSCI)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	581	773	698	934	795
Underrepresented Students	79.2%	79.7%	80.3%	82.8%	85.1%
Students of Color	39.4%	42.5%	48.2%	46.4%	50.0%
Student FYE	64.2	81.0	66.1	89.0	79.6
Faculty FTE	1.5	1.7	1.2	1.6	1.5
Student/Faculty Ratio	43:1	47:1	55:1	54:1	52:1
Subject Cost/FYE	\$1,435	\$1,504	\$1,419	\$1,301	\$1,199
Sections Open	17	21	18	25	20
Seats Filled	642	855	742	1,039	858
Average Section Size	37.8	40.7	41.2	41.6	42.9
Saturation Rate	79.9%	81.4%	95.7%	92.7%	91.7%

#### Cost/FYE Comparison

Political Science And Government	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 1,579	1,554	1,210	1,345
MnSCU Average Cost/FYE	\$ 2,722	2,809	2,823	2,502
Variance from MnSCU Average	\$ -1,143	-1,256	-1,613	-1,157

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	66.7%	62.9%	71.3%	66.3%	69.6%
Course Withdrawal Rate	16.3%	15.7%	12.5%	12.5%	14.1%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>		<b>12</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Psychology (PSYC)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	1,686	1,999	1,925	2,088	1,984
Underrepresented Students	84.3%	81.7%	78.8%	80.8%	84.6%
Students of Color	48.3%	48.0%	47.3%	49.3%	51.4%
Student FYE	240.3	279.0	270.3	291.8	277.6
Faculty FTE	5.7	6.3	6.4	6.3	6.7
Student/Faculty Ratio	42:1	44:1	43:1	46:1	41:1
Subject Cost/FYE	\$1,953	\$1,793	\$2,212	\$1,771	\$1,971
Sections Open	56	60	58	60	59
Seats Filled	1,939	2,245	2,184	2,351	2,236
Average Section Size	34.6	37.4	37.7	39.2	37.9
Saturation Rate	92.3%	95.9%	95.8%	96.9%	92.4%

#### Cost/FYE Comparison

Psychology	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 1,970	1,793	2,212	1,771
MnSCU Average Cost/FYE	\$ 2,231	2,327	2,329	2,181
Variance from MnSCU Average	\$ -261	-534	-116	-410

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	68.5%	70.5%	69.1%	66.7%	65.9%
Course Withdrawal Rate	17.6%	15.3%	15.6%	16.6%	17.3%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>12</b>	<b>11</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Reading (READ, STSK)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	1,365	1,481	1,547	1,932	2,054
Underrepresented Students	93.0%	94.5%	94.8%	95.4%	95.8%
Students of Color	75.8%	79.1%	78.2%	80.4%	81.2%
Student FYE	186.3	200.9	209.6	264.7	278.6
Faculty FTE	8.3	8.7	8.6	9.5	10.2
Student/Faculty Ratio	22:1	23:1	24:1	28:1	27:1
Subject Cost/FYE	\$3,143	\$3,198	\$3,085	\$2,617	\$2,713
Sections Open	65	66	70	80	86
Seats Filled	1,572	1,707	1,779	2,222	2,360
Average Section Size	24.2	25.9	25.4	27.8	27.4
Saturation Rate	85.8%	91.6%	90.4%	99.1%	98.0%

#### Cost/FYE Comparison

Basic Skills	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,755	3,628	1,691	2,156
MnSCU Average Cost/FYE	\$ 3,933	3,830	3,135	3,414
Variance from MnSCU Average	\$ -178	-202	-1,444	-1,258

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	58.1%	58.3%	59.7%	55.1%	55.0%
Course Withdrawal Rate	31.2%	30.6%	29.7%	31.0%	32.4%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>9</b>	<b>10</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Sociology (SOCI)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	1,408	1,651	1,749	1,858	1,845
Underrepresented Students	84.5%	83.9%	83.4%	84.9%	88.5%
Students of Color	49.9%	52.8%	51.7%	54.6%	58.0%
Student FYE	161.6	194.1	211.5	223.4	225.8
Faculty FTE	3.0	3.4	4.2	4.4	4.6
Student/Faculty Ratio	55:1	58:1	50:1	51:1	50:1
Subject Cost/FYE	\$1,429	\$1,638	\$1,899	\$1,633	\$1,693
Sections Open	35	40	43	44	46
Seats Filled	1,640	1,941	2,115	2,234	2,258
Average Section Size	46.9	48.5	49.2	50.8	49.1
Saturation Rate	93.7%	97.1%	98.4%	98.0%	98.2%

#### Cost/FYE Comparison

Sociology	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 1,707	1,696	2,126	2,027
MnSCU Average Cost/FYE	\$ 2,338	2,462	2,555	2,312
Variance from MnSCU Average	\$ -632	-766	-429	-285

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	78.6%	75.1%	79.0%	73.5%	73.6%
Course Withdrawal Rate	12.6%	12.3%	9.5%	12.4%	13.3%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>12</b>

□ = No Assessment Reported

0 = Vulnerable

1 = Healthy

2 = Thriving

# MCTC Academic Department and Program Review FY2011

## Spanish (SPAN)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	471	448	528	587	632
Underrepresented Students	77.7%	77.1%	77.9%	81.7%	86.6%
Students of Color	34.3%	38.3%	35.7%	43.1%	45.2%
Student FYE	95.3	92.8	101.9	113.3	122.7
Faculty FTE	4.0	3.0	3.4	3.7	3.9
Student/Faculty Ratio	24:1	31:1	30:1	31:1	31:1
Subject Cost/FYE	\$3,025	\$2,563	\$2,498	\$2,514	\$2,419
Sections Open	25	26	26	25	28
Seats Filled	572	564	617	687	736
Average Section Size	22.9	21.7	23.7	27.5	26.3
Saturation Rate	76.3%	84.7%	79.1%	86.3%	87.6%

#### Cost/FYE Comparison

Foreign Languages And Literatures	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,310	3,066	2,802	3,040
MnSCU Average Cost/FYE	\$ 3,740	4,146	3,991	3,889
Variance from MnSCU Average	\$ -430	-1,080	-1,189	-849

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	65.6%	67.1%	67.6%	65.1%	61.8%
Course Withdrawal Rate	25.8%	24.6%	24.1%	25.9%	26.8%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>8.5</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Theatre Arts (THTR)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	416	467	511	634	617
Underrepresented Students	81.7%	82.8%	79.9%	89.3%	91.5%
Students of Color	43.7%	48.1%	48.1%	57.7%	59.2%
Student FYE	39.2	42.8	47.4	55.8	54.7
Faculty FTE	1.5	1.7	1.6	1.7	2.0
Student/Faculty Ratio	26:1	26:1	30:1	33:1	28:1
Subject Cost/FYE	\$3,714	\$4,595	\$3,923	\$3,937	\$3,756
Sections Open	21	23	22	23	25
Seats Filled	497	568	648	776	786
Average Section Size	23.7	24.7	29.5	33.7	31.4
Saturation Rate	73.5%	70.5%	82.4%	92.2%	86.0%

#### Cost/FYE Comparison

Drama/Theatre Arts and Stagecraft	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 5,312	5,621	5,770	4,871
MnSCU Average Cost/FYE	\$ 5,168	5,549	5,603	4,770
<b>Variance from MnSCU Average</b>	<b>\$ 144</b>	<b>71</b>	<b>167</b>	<b>101</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	79.8%	76.5%	79.6%	78.2%	75.4%
Course Withdrawal Rate	14.2%	14.0%	9.4%	7.7%	13.4%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>10</b>	<b>0</b>

= No Assessment Reported

= Vulnerable

= Healthy

= Thriving

# MCTC Academic Department and Program Review FY2011

## Women's Studies (WOST)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	351	304	474	582	649
Underrepresented Students	83.6%	84.2%	81.8%	86.0%	91.2%
Students of Color	47.9%	53.2%	52.6%	56.8%	54.2%
Student FYE	42.3	33.1	54.4	64.4	70.2
Faculty FTE	1.2	0.7	1.5	1.7	2.0
Student/Faculty Ratio	36:1	50:1	37:1	38:1	35:1
Subject Cost/FYE	\$2,222	\$1,544	\$3,155	\$2,279	\$1,976
Sections Open	12	9	15	17	20
Seats Filled	423	331	544	644	702
Average Section Size	35.3	36.8	36.3	37.9	35.1
Saturation Rate	94.0%	98.5%	97.5%	96.6%	94.6%

#### Cost/FYE Comparison

Area/Ethnic/Cultural/Gender Studies	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 1,977	1,814	2,370	1,333
MnSCU Average Cost/FYE	\$ 3,200	3,583	3,787	3,075
Variance from MnSCU Average	\$ -1,224	-1,768	-1,417	-1,742

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	79.1%	83.0%	79.4%	78.6%	70.2%
Course Withdrawal Rate	8.3%	10.9%	9.4%	13.2%	20.7%

#### Liberal Arts Awards

	FY2007	FY2008	FY2009	FY2010	FY2011
Liberal Arts (AA)	143	134	141	174	220
Liberal Arts Online (AA)			0	0	0
Associate in Fine Arts: Visual Arts (AFA)	0	1	3	4	3
Associate in Fine Arts: Theatre Arts (AFA)		0	0	0	1
Associate of Arts: Philosophy Emphasis (AA)					1
Biology (AS)	2	1	1	1	5
Chemistry (AS)	0	0	0	1	4
Criminal Justice Studies (AS)	16	23	27	37	18
Mathematics (AS)	2	3	3	1	5
American Indian Studies (CERT)		1	0	4	1
Cinema Studies (CERT)		0	3	13	2
Global Studies (CERT)		0	0	1	5
Women's Studies (CERT)	14	12	14	7	3
<b>Total</b>	<b>177</b>	<b>175</b>	<b>192</b>	<b>243</b>	<b>268</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>7</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

**MCTC Academic Department and Program Review FY2011**



# Career & Technical Programs

# MCTC Academic Department and Program Review FY2011

## Accounting (ACCT)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	151	157	196	175	199
Underrepresented Students	92.4%	89.1%	87.4%	84.3%	86.9%
Students of Color	59.9%	57.8%	49.7%	55.8%	50.8%
Student FYE	42.3	38.4	44.5	32.8	43.6
Faculty FTE	2.4	2.5	2.2	1.6	1.7
Student/Faculty Ratio	17:1	15:1	20:1	21:1	25:1
Subject Cost/FYE	\$5,506	\$6,020	\$4,379	\$4,884	\$3,614
Sections Open	39	39	36	18	23
Seats Filled	430	378	446	375	498
Average Section Size	11.0	9.7	12.4	20.8	21.7
Saturation Rate	39.8%	35.7%	44.4%	73.5%	78.7%

#### Cost/FYE Comparison

Accounting & Related Services	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 6,284	7,295	4,708	4,776
MnSCU Average Cost/FYE	\$ 4,032	4,168	4,007	3,804
Variance from MnSCU Average	\$ 2,252	3,127	702	972

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	70.2%	75.5%	67.2%	75.5%	79.3%
Course Withdrawal Rate	15.8%	12.9%	10.9%	5.6%	4.6%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	24	31	33	21	38
Fall-to-Fall Retention Rate	33.3%	38.7%	42.4%	57.1%	60.5%
One-Year Graduation Rate	0.0%	0.0%	15.2%	4.8%	5.3%
Two-Year Graduation Rate	4.2%	0.0%	18.2%	23.8%	
Three-Year Graduation Rate	8.3%	6.5%	30.3%		
Four-Year Graduation Rate	12.5%	6.5%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Accounting Technician (AAS)	13	11	6	10	21
Accounting Technician (DIP)	1				
Accounting Clerk (CERT)	3	2	5	3	5
Accounts Payable/Receivable (CERT)	3	2	6	8	5
Bookkeeping Assistant (CERT)	4	1	6	4	
Payroll Accounting (CERT)	2	2	5	7	6
Small Business Accounting (CERT)	4	1	6	4	
<b>Total Awards</b>	<b>30</b>	<b>19</b>	<b>34</b>	<b>36</b>	<b>37</b>

# MCTC Academic Department and Program Review FY2011

## Accounting (ACCT)

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>8</b>	<b>12</b>

= No Assessment Reported     
  0 =Vulnerable     
  1 =Healthy     
  2 =Thriving

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	4 36.4%	6 66.7%	2 40.0%	4 40.0%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	1 20.0%	1 10.0%
Total In or Available for Related Employment	4	6	3	5
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>100.0%</b>	<b>66.7%</b>	<b>80.0%</b>
Continuing Education	7 63.6%	2 22.2%	2 40.0%	5 50.0%
Not Seeking or Unavailable for Employment	0 0.0%	1 11.1%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>11</b>	<b>9</b>	<b>5</b>	<b>10</b>
Status Unknown	2	2	1	0
<b>Total Graduates</b>	<b>13</b>	<b>11</b>	<b>6</b>	<b>10</b>

Diplomas	FY2007	FY2008	FY2009	FY2010
Related Employment	1 100.0%			
Seeking/Available for Related Employment	0 0.0%			
Total In or Available for Related Employment	1			
<b>Related Employment Rate</b>	<b>100.0%</b>			
Continuing Education	0 0.0%			
Not Seeking or Unavailable for Employment	0 0.0%			
<b>Total Survey Respondents</b>	<b>1</b>			
Status Unknown	0			
<b>Total Graduates</b>	<b>1</b>			

# MCTC Academic Department and Program Review FY2011

## Accounting (ACCT)

<b>Certificates</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	13 86.7%	6 75.0%	4 14.8%	2 10.0%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	0 0.0%	2 10.0%
Total In or Available for Related Employment	13	6	4	4
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>50.0%</b>
Continuing Education	2 13.3%	2 25.0%	23 85.2%	16 80.0%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>15</b>	<b>8</b>	<b>27</b>	<b>20</b>
Status Unknown	1	0	1	6
<b>Total Graduates</b>	<b>16</b>	<b>8</b>	<b>28</b>	<b>26</b>

### Employment and Wage Indicators

**Awards:** Accounting Technician (AAS)  
**Population:** MCTC Program Graduates

	<b>Employment</b>		<b>Median Wage</b>	
	<b>Grads</b>	<b>%</b>	<b>Grads</b>	<b>\$</b>
Initial employment (2007-2009)	22	75.9%	21	\$14.73
Employment—6 months (2007-2009)	21	95.5%	21	\$14.50
Employment—2 years (2006-2008)	23	88.5%	22	\$15.88

**Awards:** Accounting Clerk (CERT)  
 Accounts Payable/Receivable (CERT)  
 Payroll Accounting (CERT)  
**Population:** MCTC Program Graduates

	<b>Employment</b>		<b>Median Wage</b>	
	<b>Grads</b>	<b>%</b>	<b>Grads</b>	<b>\$</b>
Initial employment (2007-2009)	34	77.3%	34	\$12.17
Employment—6 months (2007-2009)	33	97.1%	32	\$13.73
Employment—2 years (2006-2008)	19	65.5%	18	\$17.07

# MCTC Academic Department and Program Review FY2011

## Addiction Counseling (COUN)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	255	285	285	304	302
Underrepresented Students	83.0%	81.9%	78.2%	86.9%	86.5%
Students of Color	41.4%	38.8%	41.9%	47.3%	42.8%
Student FYE	71.7	79.8	65.1	69.8	78.2
Faculty FTE	3.8	3.8	3.1	3.2	3.8
Student/Faculty Ratio	19:1	21:1	21:1	22:1	21:1
Subject Cost/FYE	\$3,906	\$5,315	\$4,408	\$3,552	\$3,724
Sections Open	32	32	28	28	32
Seats Filled	634	671	581	617	669
Average Section Size	19.8	21.0	20.8	22.0	20.9
Saturation Rate	84.2%	86.7%	84.7%	89.9%	88.8%

#### Cost/FYE Comparison

Substance Abuse/Addiction Counseling	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,906	5,313	No Data	3,248
MnSCU Average Cost/FYE	\$ 3,688	4,838	No Data	3,151
<b>Variance from MnSCU Average</b>	<b>\$ 219</b>	<b>475</b>	No Data	<b>96</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	90.9%	86.3%	87.6%	86.5%	90.3%
Course Withdrawal Rate	6.6%	9.0%	8.4%	7.5%	5.2%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	56	37	42	40	38
Fall-to-Fall Retention Rate	58.9%	51.4%	50.0%	50.0%	65.8%
One-Year Graduation Rate	0.0%	0.0%	0.0%	2.5%	0.0%
Two-Year Graduation Rate	35.7%	10.8%	11.9%	7.5%	
Three-Year Graduation Rate	37.5%	21.6%	26.2%		
Four-Year Graduation Rate	37.5%	27.0%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Addiction Counseling (AS)	22	42	13	17	22
Addiction Counseling (DIP)	8	4	2	6	7
<b>Total Awards</b>	<b>30</b>	<b>46</b>	<b>15</b>	<b>23</b>	<b>29</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>8</b>	<b>9</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Addiction Counseling (COUN)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	15 68.2%	23 62.2%	5 45.5%	8 47.1%
Seeking/Available for Related Employment	0 0.0%	4 10.8%	1 9.1%	1 5.9%
Total In or Available for Related Employment	15	27	6	9
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>85.2%</b>	<b>83.3%</b>	<b>88.9%</b>
Continuing Education	7 31.8%	10 27.0%	5 45.5%	7 41.2%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	1 5.9%
<b>Total Survey Respondents</b>	<b>22</b>	<b>37</b>	<b>11</b>	<b>17</b>
Status Unknown	0	5	2	0
<b>Total Graduates</b>	<b>22</b>	<b>42</b>	<b>13</b>	<b>17</b>

Diplomas	FY2007	FY2008	FY2009	FY2010
Related Employment	4 50.0%	3 75.0%	1 50.0%	2 33.3%
Seeking/Available for Related Employment	1 12.5%	1 25.0%	0 0.0%	0 0.0%
Total In or Available for Related Employment	5	4	1	2
<b>Related Employment Rate</b>	<b>80.0%</b>	<b>75.0%</b>	<b>100.0%</b>	<b>100.0%</b>
Continuing Education	3 37.5%	0 0.0%	1 50.0%	4 66.7%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>8</b>	<b>4</b>	<b>2</b>	<b>6</b>
Status Unknown	0	0	0	0
<b>Total Graduates</b>	<b>8</b>	<b>4</b>	<b>2</b>	<b>6</b>

#### Employment and Wage Indicators

**Awards:** Addiction Counseling (AS)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	68	88.3%	65	\$17.55
Employment—6 months (2007-2009)	61	89.7%	60	\$18.20
Employment—2 years (2006-2008)	57	86.4%	53	\$19.23

**Awards:** Addiction Counseling (DIP)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	10	71.4%	9	\$18.32
Employment—6 months (2007-2009)	10	100.0%	9	\$19.08
Employment—2 years (2006-2008)	12	92.3%	12	\$21.56

# MCTC Academic Department and Program Review FY2011

## Air Traffic Control (ATCT)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	184	214	216	203	140
Underrepresented Students	48.8%	50.0%	48.2%	49.7%	52.4%
Students of Color	12.2%	10.4%	11.3%	10.1%	14.0%
Student FYE	79.6	87.6	90.3	100.6	85.1
Faculty FTE	2.7	2.7	2.8	3.1	3.2
Student/Faculty Ratio	29:1	33:1	33:1	32:1	27:1
Subject Cost/FYE	\$2,820	\$2,717	\$2,735	\$3,719	\$3,394
Sections Open	22	22	24	26	24
Seats Filled	651	703	752	767	675
Average Section Size	29.6	32.0	31.3	29.5	28.1
Saturation Rate	98.0%	93.5%	90.4%	85.6%	72.7%

#### Cost/FYE Comparison

Air Traffic Controller	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 7,573	7,926	No Data	No Data
MnSCU Average Cost/FYE	\$ 7,578	7,926	No Data	No Data
<b>Variance from MnSCU Average</b>	<b>\$ -5</b>	<b>0</b>	No Data	No Data

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	94.0%	90.3%	86.3%	91.9%	91.7%
Course Withdrawal Rate	4.5%	7.3%	8.8%	4.0%	4.2%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	49	55	59	54	54
Fall-to-Fall Retention Rate	38.8%	47.3%	37.3%	29.6%	38.9%
One-Year Graduation Rate	40.8%	21.8%	11.9%	11.1%	18.5%
Two-Year Graduation Rate	75.5%	50.9%	42.4%	40.7%	
Three-Year Graduation Rate	75.5%	54.5%	50.8%		
Four-Year Graduation Rate	75.5%	58.2%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Air Traffic Control (AAS)	42	59	50	93	60
<b>Total Awards</b>	<b>42</b>	<b>59</b>	<b>50</b>	<b>93</b>	<b>60</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>7</b>	<b>Exempt</b>

= No Assessment Reported     
 0 =Vulnerable     
 1 =Healthy     
 2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Air Traffic Control (ATCT)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	38 90.5%	40 88.9%	36 73.5%	10 12.5%
Seeking/Available for Related Employment	3 7.1%	2 4.4%	11 22.4%	47 58.8%
Total In or Available for Related Employment	41	42	47	57
<b>Related Employment Rate</b>	<b>92.7%</b>	<b>95.2%</b>	<b>76.6%</b>	<b>17.5%</b>
Continuing Education	0 0.0%	2 4.4%	0 0.0%	19 23.8%
Not Seeking or Unavailable for Employment	1 2.4%	1 2.2%	2 4.1%	4 5.0%
<b>Total Survey Respondents</b>	<b>42</b>	<b>45</b>	<b>49</b>	<b>80</b>
Status Unknown	0	14	1	13
<b>Total Graduates</b>	<b>42</b>	<b>59</b>	<b>50</b>	<b>93</b>

#### Employment and Wage Indicators

Awards: Air Traffic Control (AAS)  
Population: MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	44	29.3%	41	\$12.67
Employment—6 months (2007-2009)	22	50.0%	20	\$12.11
Employment—2 years (2006-2008)				



# MCTC Academic Department and Program Review FY2011

## Aircraft Technician (AMTA, AMTG, AMTP, AMTR)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	21	32	37	21	6
Underrepresented Students	57.1%	60.0%	59.1%	71.4%	100.0%
Students of Color	23.8%	22.6%	16.7%	14.3%	16.7%
Student FYE	18.5	29.6	35.4	20.3	3.4
Faculty FTE	1.6	1.5	2.1	2.0	0.7
Student/Faculty Ratio	11:1	19:1	17:1	10:1	5:1
Subject Cost/FYE	\$8,632	\$4,755	\$5,583	\$8,698	\$34,546
Sections Open	18	20	25	25	6
Seats Filled	180	333	360	200	36
Average Section Size	10.0	16.7	14.4	8.0	6.0
Saturation Rate	40.0%	66.6%	57.6%	32.0%	24.0%

#### Cost/FYE Comparison

Airframe Mechanic/Aircraft Maint Tech	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 12,947	6,360	6,007	10,909
MnSCU Average Cost/FYE	\$ 6,807	6,990	7,536	6,365
<b>Variance from MnSCU Average</b>	<b>\$ 6,141</b>	<b>-631</b>	<b>-1,528</b>	<b>4,544</b>

Aircraft Powerplant Technology	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 5,792	6,521	No Data	8,086
MnSCU Average Cost/FYE	\$ 5,792	6,521	No Data	8,086
<b>Variance from MnSCU Average</b>	<b>\$ 0</b>	<b>0</b>	No Data	<b>0</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	94.0%	94.3%	94.7%	97.5%	100.0%
Course Withdrawal Rate	0.0%	3.0%	3.0%	0.5%	0.0%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	10	17	12	2	
Fall-to-Fall Retention Rate	80.0%	76.5%	91.7%	0.0%	
One-Year Graduation Rate	0.0%	88.2%	83.3%	0.0%	
Two-Year Graduation Rate	70.0%	88.2%	83.3%	0.0%	
Three-Year Graduation Rate	70.0%	88.2%	83.3%		
Four-Year Graduation Rate	70.0%	88.2%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Aircraft Technician - Airframe (AAS)	4	3	8	7	1
Aircraft Technician - Powerplant (AAS)	3	3	7	7	1
Aircraft General (CERT)		20	12	2	3
Aircraft Powerplant (CERT)		2	3	2	3
Aircraft Structures (CERT)		8	1	1	4
Aircraft Systems (CERT)		7	1	3	3
<b>Total Awards</b>	<b>7</b>	<b>43</b>	<b>32</b>	<b>22</b>	<b>15</b>

# MCTC Academic Department and Program Review FY2011

## Aircraft Technician (AMTA, AMTG, AMTP, AMTR)

### Assessment of Student Learning Outcomes

This program was exempt from reporting on student learning outcomes in FY10 and FY11.

### Post –Award Success

#### Graduate Follow-Up Survey Results

<b>Associate Degrees</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	No Data	2 50.0%	11 100.0%	7 58.3%
Seeking/Available for Related Employment	No Data	0 0.0%	0 0.0%	0 0.0%
Total In or Available for Related Employment	No Data	2	11	7
<b>Related Employment Rate</b>	No Data	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>
Continuing Education	No Data	2 50.0%	0 0.0%	3 25.0%
Not Seeking or Unavailable for Employment	No Data	0 0.0%	0 0.0%	2 16.7%
<b>Total Survey Respondents</b>	<b>0</b>	<b>4</b>	<b>11</b>	<b>12</b>
Status Unknown	7	0	4	2
<b>Total Graduates</b>	<b>7</b>	<b>4</b>	<b>15</b>	<b>14</b>

<b>Certificates</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment		1 2.7%	5 33.3%	0 0.0%
Seeking/Available for Related Employment		0 0.0%	0 0.0%	4 66.7%
Total In or Available for Related Employment		1	5	4
<b>Related Employment Rate</b>		<b>100.0%</b>	<b>100.0%</b>	<b>0.0%</b>
Continuing Education		36 97.3%	10 66.7%	2 33.3%
Not Seeking or Unavailable for Employment		0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>		<b>37</b>	<b>15</b>	<b>6</b>
Status Unknown		0	1	0
<b>Total Graduates</b>		<b>37</b>	<b>16</b>	<b>6</b>

#### Employment and Wage Indicators

**No data are available for the following programs:**

- Aircraft Technician--Airframe (AAS)
- Aircraft Technician--Powerplant (AAS)
- Aircraft General (CERT)
- Aircraft General (CERT)
- Aircraft Structures (CERT)
- Aircraft Systems (CERT)

# MCTC Academic Department and Program Review FY2011

## Allied Health (CMHW, CSIP, DNTA, HCCC)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	419	428	541	506	487
Underrepresented Students	86.5%	89.0%	90.3%	89.7%	89.7%
Students of Color	54.4%	63.2%	62.8%	63.6%	64.9%
Student FYE	47.2	42.8	60.1	56.7	49.8
Faculty FTE	3.3	2.6	2.7	2.4	2.7
Student/Faculty Ratio	14:1	17:1	22:1	24:1	19:1
Subject Cost/FYE	\$5,192	\$5,034	\$3,670	\$3,552	\$5,129
Sections Open	63	63	87	87	80
Seats Filled	1,202	1,335	1,839	1,920	1,588
Average Section Size	19.1	21.2	21.1	22.1	19.9
Saturation Rate	66.6%	72.4%	79.0%	74.6%	66.9%

#### Cost/FYE Comparison

Basic Skills	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,755	3,628	1,691	2,156
MnSCU Average Cost/FYE	\$ 3,933	3,830	3,135	3,414
<b>Variance from MnSCU Average</b>	<b>\$ -178</b>	<b>-202</b>	<b>-1,444</b>	<b>-1,258</b>

Health-Related Knowledge/Skills	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 2,773	4,323	1,784	924
MnSCU Average Cost/FYE	\$ 3,102	3,421	3,511	2,809
<b>Variance from MnSCU Average</b>	<b>\$ -329</b>	<b>902</b>	<b>-1,727</b>	<b>-1,885</b>

Dental Serv. & Allied Prof., Other	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,418	4,076	No Data	3,491
MnSCU Average Cost/FYE	\$ 4,418	4,076	No Data	3,491
<b>Variance from MnSCU Average</b>	<b>\$ 0</b>	<b>0</b>	<b>No Data</b>	<b>0</b>

Allied Health & Med Assist Serv Other	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,717	3,848	No Data	3,402
MnSCU Average Cost/FYE	\$ 3,569	4,678	No Data	2,411
<b>Variance from MnSCU Average</b>	<b>\$ 1,148</b>	<b>-830</b>	<b>No Data</b>	<b>991</b>

Clinical/Medical Lab Science	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 1,775	2,167	No Data	2,038
MnSCU Average Cost/FYE	\$ 6,367	7,549	No Data	6,932
<b>Variance from MnSCU Average</b>	<b>\$ -4,592</b>	<b>-5,382</b>	<b>No Data</b>	<b>-4,894</b>

Community Health Serv/Liaison/Counseling	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 6,170	14,226	No Data	5,763
MnSCU Average Cost/FYE	\$ 2,567	2,825	No Data	2,374
<b>Variance from MnSCU Average</b>	<b>\$ 3,603</b>	<b>11,401</b>	<b>No Data</b>	<b>3,388</b>

# MCTC Academic Department and Program Review FY2011

## Allied Health (CMHW, CSIP, DNTA, HCCC)

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	85.2%	89.4%	90.4%	89.1%	85.8%
Course Withdrawal Rate	6.4%	4.4%	4.4%	7.5%	8.6%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	59	63	83	94	65
Fall-to-Fall Retention Rate	5.1%	12.7%	8.4%	10.6%	15.4%
One-Year Graduation Rate	39.0%	33.3%	38.6%	37.2%	43.1%
Two-Year Graduation Rate	52.5%	42.9%	43.4%	43.6%	
Three-Year Graduation Rate	57.6%	44.4%	44.6%		
Four-Year Graduation Rate	57.6%	47.6%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Central Services Technician (CERT)	9	10	27	49	33
Community Health Worker (CERT)	28	6	12	13	8
Community Health Worker: Enhanced (CERT)	4	0	3		
Dental Office Support Personnel (CERT)	9	20	24	14	15
<b>Total Awards</b>	<b>50</b>	<b>36</b>	<b>66</b>	<b>76</b>	<b>56</b>

### Assessment of Student Learning Outcomes

These programs were exempt from reporting on student learning outcomes in FY10 and FY11.

### Post –Award Success

#### Graduate Follow-Up Survey Results

##### Certificates

	FY2007	FY2008	FY2009	FY2010
Related Employment	11 26.8%	3 10.0%	13 21.3%	8 13.1%
Seeking/Available for Related Employment	5 12.2%	5 16.7%	5 8.2%	22 36.1%
Total In or Available for Related Employment	16	8	18	30
<b>Related Employment Rate</b>	<b>68.8%</b>	<b>37.5%</b>	<b>72.2%</b>	<b>26.7%</b>
Continuing Education	24 58.5%	21 70.0%	41 67.2%	24 39.3%
Not Seeking or Unavailable for Employment	1 2.4%	1 3.3%	2 3.3%	7 11.5%
<b>Total Survey Respondents</b>	<b>41</b>	<b>30</b>	<b>61</b>	<b>61</b>
Status Unknown	9	6	5	15
<b>Total Graduates</b>	<b>50</b>	<b>36</b>	<b>66</b>	<b>76</b>

# MCTC Academic Department and Program Review FY2011

## Allied Health (CMHW, CSIP, DNTA, HCCC)

### Employment and Wage Indicators

**Awards:** Central Services Technician (CERT)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	34	73.9%	32	\$13.81
Employment—6 months (2007-2009)	32	94.1%	31	\$14.76
Employment—2 years (2006-2008)	17	70.8%	17	\$16.17

**Awards:** Community Health Worker (CERT)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	43	84.3%	41	\$13.04
Employment—6 months (2007-2009)	41	95.3%	40	\$13.68
Employment—2 years (2006-2008)	39	75.0%	37	\$14.42

**No data are available for the following programs:**

Dental Office Support Personnel (CERT)

# MCTC Academic Department and Program Review FY2011

## Apparel Technologies (APRL)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	120	112	113	130	133
Underrepresented Students	75.9%	76.4%	77.8%	75.8%	86.0%
Students of Color	32.2%	34.9%	33.7%	33.1%	42.3%
Student FYE	41.4	37.6	41.3	42.8	43.6
Faculty FTE	2.5	2.4	2.5	2.3	2.6
Student/Faculty Ratio	16:1	16:1	16:1	19:1	17:1
Subject Cost/FYE	\$4,263	\$4,888	\$4,847	\$4,413	\$4,383
Sections Open	26	24	24	28	31
Seats Filled	393	361	383	433	462
Average Section Size	15.1	15.0	16.0	15.5	14.9
Saturation Rate	72.8%	72.2%	76.6%	74.7%	72.8%

#### Cost/FYE Comparison

Apparel And Textiles	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,352	4,932	4,892	4,773
MnSCU Average Cost/FYE	\$ 4,352	4,932	5,286	4,773
<b>Variance from MnSCU Average</b>	<b>\$ 0</b>	<b>0</b>	<b>-394</b>	<b>0</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	84.0%	82.3%	87.8%	81.0%	78.6%
Course Withdrawal Rate	8.6%	11.3%	4.5%	5.9%	11.9%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	35	25	25	37	38
Fall-to-Fall Retention Rate	34.3%	44.0%	40.0%	29.7%	39.5%
One-Year Graduation Rate	25.7%	4.0%	24.0%	10.8%	5.3%
Two-Year Graduation Rate	37.1%	24.0%	36.0%	24.3%	
Three-Year Graduation Rate	45.7%	32.0%	36.0%		
Four-Year Graduation Rate	48.6%	32.0%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Apparel Design & Services (AAS)	3	1			
Apparel Technologies (DIP)	15	13	14	15	15
Advanced Apparel Technologies (CERT)	0	0	0	4	5
Apparel Technologies (CERT)	13	4	3	0	3
<b>Total Awards</b>	<b>31</b>	<b>18</b>	<b>17</b>	<b>19</b>	<b>23</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>		<b>6</b>

= No Assessment Reported    
 0 =Vulnerable    
 1 =Healthy    
 2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Apparel Technologies (APRL)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	2 66.7%	1 100.0%		
Seeking/Available for Related Employment	0 0.0%	0 0.0%		
Total In or Available for Related Employment	2	1		
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>100.0%</b>		
Continuing Education	1 33.3%	0 0.0%		
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%		
<b>Total Survey Respondents</b>	<b>3</b>	<b>1</b>		
Status Unknown	0	0		
<b>Total Graduates</b>	<b>3</b>	<b>1</b>		

Diplomas	FY2007	FY2008	FY2009	FY2010
Related Employment	5 33.3%	5 45.5%	3 23.1%	1 16.7%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	2 15.4%	0 0.0%
Total In or Available for Related Employment	5	5	5	1
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>100.0%</b>	<b>60.0%</b>	<b>100.0%</b>
Continuing Education	7 46.7%	6 54.5%	7 53.8%	3 50.0%
Not Seeking or Unavailable for Employment	3 20.0%	0 0.0%	1 7.7%	2 33.3%
<b>Total Survey Respondents</b>	<b>15</b>	<b>11</b>	<b>13</b>	<b>6</b>
Status Unknown	0	2	1	9
<b>Total Graduates</b>	<b>15</b>	<b>13</b>	<b>14</b>	<b>15</b>

Certificates	FY2007	FY2008	FY2009	FY2010
Related Employment	4 30.8%	2 50.0%	0 0.0%	No Data
Seeking/Available for Related Employment	2 15.4%	0 0.0%	0 0.0%	No Data
Total In or Available for Related Employment	6	2	0	No Data
<b>Related Employment Rate</b>	<b>66.7%</b>	<b>100.0%</b>	<b>0.0%</b>	No Data
Continuing Education	6 46.2%	2 50.0%	3 100.0%	No Data
Not Seeking or Unavailable for Employment	1 7.7%	0 0.0%	0 0.0%	No Data
<b>Total Survey Respondents</b>	<b>13</b>	<b>4</b>	<b>3</b>	<b>0</b>
Status Unknown	0	1	0	4
<b>Total Graduates</b>	<b>13</b>	<b>5</b>	<b>3</b>	<b>4</b>

# MCTC Academic Department and Program Review FY2011

## Apparel Technologies (APRL)

### Employment and Wage Indicators

**Awards:** Apparel Technologies (DIP)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	20	74.1%	19	\$10.03
Employment—6 months (2007-2009)	16	80.0%	15	\$10.85
Employment—2 years (2006-2008)				

**Awards:** Advanced Apparel Technologies (CERT)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	12	57.1%	11	\$9.00
Employment—6 months (2007-2009)	11	91.7%	10	\$11.86
Employment—2 years (2006-2008)	9	90.0%	8	\$18.68



# MCTC Academic Department and Program Review FY2011

## Architectural Technology (ARCH)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	78	92	83	86	75
Underrepresented Students	76.6%	66.1%	67.2%	72.5%	81.0%
Students of Color	23.7%	19.8%	22.0%	32.6%	45.9%
Student FYE	41.4	47.0	42.3	34.8	29.9
Faculty FTE	2.3	3.0	3.2	3.0	2.8
Student/Faculty Ratio	18:1	16:1	13:1	12:1	11:1
Subject Cost/FYE	\$4,881	\$5,069	\$6,112	\$7,131	\$7,557
Sections Open	34	30	31	31	31
Seats Filled	407	459	417	356	303
Average Section Size	12.0	15.3	13.5	11.5	9.8
Saturation Rate	68.1%	77.8%	73.4%	62.3%	53.3%

#### Cost/FYE Comparison

Drafting/Design Engineering Techn	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,881	5,069	6,113	7,131
MnSCU Average Cost/FYE	\$ 6,022	5,343	5,618	6,065
Variance from MnSCU Average	\$ -1,140	-274	495	1,066

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	83.7%	74.9%	76.5%	75.8%	75.9%
Course Withdrawal Rate	7.1%	6.6%	9.4%	9.0%	8.9%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	16	26	18	17	16
Fall-to-Fall Retention Rate	50.0%	61.5%	44.4%	41.2%	56.3%
One-Year Graduation Rate	0.0%	0.0%	0.0%	0.0%	0.0%
Two-Year Graduation Rate	31.3%	11.5%	11.1%	17.6%	
Three-Year Graduation Rate	37.5%	26.9%	16.7%		
Four-Year Graduation Rate	37.5%	30.8%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Architectural Technology (DIP)	19	10	9	15	8
<b>Total Awards</b>	<b>19</b>	<b>10</b>	<b>9</b>	<b>15</b>	<b>8</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>11</b>	<b>12</b>

= No Assessment Reported     
 0 =Vulnerable     
 1 =Healthy     
 2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Architectural Technology (ARCH)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Diplomas	FY2007	FY2008	FY2009	FY2010
Related Employment	9 64.3%	4 44.4%	3 33.3%	4 30.8%
Seeking/Available for Related Employment	1 7.1%	0 0.0%	4 44.4%	5 38.5%
Total In or Available for Related Employment	10	4	7	9
<b>Related Employment Rate</b>	<b>90.0%</b>	<b>100.0%</b>	<b>42.9%</b>	<b>44.4%</b>
Continuing Education	4 28.6%	5 55.6%	2 22.2%	2 15.4%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	2 15.4%
<b>Total Survey Respondents</b>	<b>14</b>	<b>9</b>	<b>9</b>	<b>13</b>
Status Unknown	5	1	0	2
<b>Total Graduates</b>	<b>19</b>	<b>10</b>	<b>9</b>	<b>15</b>

#### Employment and Wage Indicators

Awards: Architectural Technology (DIP)  
Population: MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	29	82.9%	25	\$16.55
Employment—6 months (2007-2009)	28	96.6%	25	\$16.66
Employment—2 years (2006-2008)	18	69.2%	16	\$15.31

# MCTC Academic Department and Program Review FY2011

## Barbering (BARB)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	25	26	30	27	26
Underrepresented Students	100.0%	100.0%	100.0%	100.0%	100.0%
Students of Color	88.0%	84.6%	90.0%	88.9%	88.5%
Student FYE	24.1	21.7	22.3	25.1	25.5
Faculty FTE	1.3	1.2	1.3	1.2	1.3
Student/Faculty Ratio	18:1	18:1	17:1	20:1	20:1
Subject Cost/FYE	\$4,543	\$5,477	\$5,533	\$4,878	\$6,230
Sections Open	42	45	41	45	36
Seats Filled	240	215	219	243	259
Average Section Size	5.7	4.8	5.3	5.4	7.2
Saturation Rate	28.6%	23.9%	26.7%	27.0%	36.0%

#### Cost/FYE Comparison

Cosmetology & Related Pers Grooming Serv	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,420	5,228	5,402	4,706
MnSCU Average Cost/FYE	\$ 5,709	5,903	6,570	5,528
Variance from MnSCU Average	\$ -1,289	-676	-1,167	-823

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	78.8%	80.0%	99.5%	95.9%	98.1%
Course Withdrawal Rate	8.3%	0.5%	0.0%	1.2%	1.9%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	7	8	5	4	6
Fall-to-Fall Retention Rate	42.9%	75.0%	40.0%	100.0%	66.7%
One-Year Graduation Rate	0.0%	0.0%	0.0%	0.0%	0.0%
Two-Year Graduation Rate	0.0%	0.0%	0.0%	0.0%	
Three-Year Graduation Rate	14.3%	0.0%	0.0%		
Four-Year Graduation Rate	14.3%	0.0%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Barbering (DIP)	1	1	3	2	1
<b>Total Awards</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>1</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>3</b>	<b>3</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Barbering (BARB)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Diplomas	FY2007	FY2008	FY2009	FY2010
Related Employment	0 0.0%	No Data	2 66.7%	0 0.0%
Seeking/Available for Related Employment	0 0.0%	No Data	0 0.0%	2 100.0%
Total In or Available for Related Employment	0	No Data	2	2
<b>Related Employment Rate</b>	<b>N/A</b>	No Data	<b>100.0%</b>	<b>0.0%</b>
Continuing Education	0 0.0%	No Data	0 0.0%	0 0.0%
Not Seeking or Unavailable for Employment	1 100.0%	No Data	1 33.3%	0 0.0%
<b>Total Survey Respondents</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>2</b>
Status Unknown	0	1	0	0
<b>Total Graduates</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>2</b>

#### Employment and Wage Indicators

No data are available for the following programs:  
Barbering (DIP)

# MCTC Academic Department and Program Review FY2011

## Biotechnology (BIOT)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	37	41	28	82	64
Underrepresented Students	86.7%	82.4%	75.0%	79.7%	84.7%
Students of Color	48.6%	53.7%	39.3%	40.5%	40.6%
Student FYE	1.7	2.1	2.0	5.8	4.7
Faculty FTE	0.4	0.3	0.4	0.5	0.4
Student/Faculty Ratio	4:1	7:1	5:1	12:1	11:1
Subject Cost/FYE	\$21,775	\$11,914	\$17,334	\$7,693	\$8,021
Sections Open	4	6	5	7	6
Seats Filled	47	53	31	102	79
Average Section Size	11.8	8.8	6.2	14.6	13.2
Saturation Rate	23.0%	22.5%	26.3%	40.2%	38.7%

#### Cost/FYE Comparison

Biological And Biomedical Sciences	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 2,575	2,700	2,827	2,579
MnSCU Average Cost/FYE	\$ 3,055	3,139	3,242	2,995
Variance from MnSCU Average	\$ -480	-439	-415	-416

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	59.6%	64.2%	82.9%	65.7%	77.2%
Course Withdrawal Rate	34.0%	22.6%	14.3%	19.6%	11.4%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N		1	0	7	4
Fall-to-Fall Retention Rate		0.0%		0.0%	0.0%
One-Year Graduation Rate		0.0%		0.0%	25.0%
Two-Year Graduation Rate		0.0%		0.0%	
Three-Year Graduation Rate		0.0%			
Four-Year Graduation Rate		0.0%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Biotechnology (AS)		0	2	1	5
<b>Total Awards</b>		<b>0</b>	<b>2</b>	<b>1</b>	<b>5</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>11</b>	<b>12</b>

= No Assessment Reported     
 0 =Vulnerable     
 1 =Healthy     
 2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Biotechnology (BIOT)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment		No Data	0 0.0%	0 0.0%
Seeking/Available for Related Employment		No Data	0 0.0%	1 100.0%
Total In or Available for Related Employment		No Data	0	1
<b>Related Employment Rate</b>		No Data	<b>N/A</b>	<b>0.0%</b>
Continuing Education		No Data	2 100.0%	0 0.0%
Not Seeking or Unavailable for Employment		No Data	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>		No Data	<b>2</b>	<b>1</b>
Status Unknown		No Data	0	0
<b>Total Graduates</b>		<b>0</b>	<b>2</b>	<b>1</b>

#### Employment and Wage Indicators

No data are available for the following programs:  
Biotechnology (AS)

# MCTC Academic Department and Program Review FY2011

## Business Management (BUSN)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	807	943	1,069	1,453	1,470
Underrepresented Students	84.7%	84.2%	82.9%	86.1%	88.4%
Students of Color	51.8%	53.5%	52.3%	56.5%	59.1%
Student FYE	179.8	203.1	239.3	321.3	326.1
Faculty FTE	4.8	4.7	5.7	6.7	7.2
Student/Faculty Ratio	38:1	43:1	42:1	48:1	45:1
Subject Cost/FYE	\$1,937	\$1,744	\$1,893	\$1,801	\$1,772
Sections Open	43	43	53	63	68
Seats Filled	1,610	1,770	2,131	2,828	2,880
Average Section Size	37.4	41.2	40.2	44.9	42.4
Saturation Rate	79.3%	83.7%	84.9%	89.0%	88.4%

#### Cost/FYE Comparison

Business Admin Mgmt & Oper	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 1,904	1,804	1,929	1,821
MnSCU Average Cost/FYE	\$ 2,881	3,170	3,505	3,160
<b>Variance from MnSCU Average</b>	<b>\$ -977</b>	<b>-1,366</b>	<b>-1,576</b>	<b>-1,339</b>

Finance/Financial Management Serv	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 2,436	2,069	No Data	1,615
MnSCU Average Cost/FYE	\$ 4,582	5,079	No Data	4,329
<b>Variance from MnSCU Average</b>	<b>\$ -2,145</b>	<b>-3,011</b>	No Data	<b>-2,714</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	68.1%	63.0%	67.3%	62.4%	63.3%
Course Withdrawal Rate	18.8%	18.2%	17.5%	21.0%	21.7%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	151	195	191	307	277
Fall-to-Fall Retention Rate	21.2%	27.7%	26.7%	29.0%	33.6%
One-Year Graduation Rate	0.0%	0.5%	2.6%	1.0%	0.7%
Two-Year Graduation Rate	2.6%	4.1%	5.8%	3.6%	
Three-Year Graduation Rate	6.0%	10.3%	10.5%		
Four-Year Graduation Rate	8.6%	13.8%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Business Management (AS)	37	36	39	57	50
Banking and Finance (CERT)	1	2	2	2	4
<b>Total Awards</b>	<b>38</b>	<b>38</b>	<b>41</b>	<b>59</b>	<b>54</b>

# MCTC Academic Department and Program Review FY2011

## Business Management (BUSN)

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>5</b>	<b>12</b>

= No Assessment Reported    
  =Vulnerable    
  =Healthy    
  =Thriving

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	5 17.9%	4 18.2%	5 17.9%	12 25.5%
Seeking/Available for Related Employment	0 0.0%	2 9.1%	2 7.1%	5 10.6%
Total In or Available for Related Employment	5	6	7	17
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>66.7%</b>	<b>71.4%</b>	<b>70.6%</b>
Continuing Education	21 75.0%	13 59.1%	19 67.9%	27 57.4%
Not Seeking or Unavailable for Employment	2 7.1%	3 13.6%	2 7.1%	3 6.4%
<b>Total Survey Respondents</b>	<b>28</b>	<b>22</b>	<b>28</b>	<b>47</b>
Status Unknown	9	13	11	10
<b>Total Graduates</b>	<b>37</b>	<b>35</b>	<b>39</b>	<b>57</b>

Certificates	FY2007	FY2008	FY2009	FY2010
Related Employment	0 0.0%	0 0.0%	0 0.0%	1 100.0%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Total In or Available for Related Employment	0	0	0	1
<b>Related Employment Rate</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>100.0%</b>
Continuing Education	1 100.0%	1 100.0%	2 100.0%	0 0.0%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>
Status Unknown	0	1	0	1
<b>Total Graduates</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>



# MCTC Academic Department and Program Review FY2011

## Business Management (BUSN)

### Employment and Wage Indicators

**Awards:** Business Management (AS)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	85	77.3%	78	\$15.90
Employment—6 months (2007-2009)	81	95.3%	75	\$16.55
Employment—2 years (2006-2008)	57	82.6%	55	\$17.79

**Awards:** Banking and Finance (CERT)  
**Population:** MnSCU Metro-Area Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	41	85.4%	38	\$15.04
Employment—6 months (2007-2009)	38	92.7%	36	\$15.96
Employment—2 years (2006-2008)	33	76.7%	30	\$17.20

# MCTC Academic Department and Program Review FY2011

## Business Office Technology (BTEC)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	222	269	329	465	461
Underrepresented Students	95.1%	91.7%	94.2%	92.1%	94.6%
Students of Color	71.1%	67.0%	69.5%	69.4%	69.3%
Student FYE	45.9	62.0	73.0	96.6	97.3
Faculty FTE	2.2	2.3	3.0	4.1	4.2
Student/Faculty Ratio	21:1	27:1	25:1	24:1	23:1
Subject Cost/FYE	\$3,983	\$3,262	\$3,907	\$3,174	\$3,599
Sections Open	34	35	42	51	49
Seats Filled	502	669	792	1,051	1,003
Average Section Size	14.8	19.1	18.9	20.6	20.5
Saturation Rate	62.4%	81.6%	79.2%	87.2%	86.5%

#### Cost/FYE Comparison

Health And Medical Administrative Srv	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,767	4,485	No Data	4,168
MnSCU Average Cost/FYE	\$ 3,445	3,450	No Data	3,445
<b>Variance from MnSCU Average</b>	<b>\$ 1,322</b>	<b>1,035</b>	No Data	<b>723</b>

Business Oper Support & Asst Serv	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,293	3,813	4,944	3,818
MnSCU Average Cost/FYE	\$ 5,149	4,963	4,761	3,920
<b>Variance from MnSCU Average</b>	<b>\$ -857</b>	<b>-1,150</b>	<b>182</b>	<b>-101</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	66.9%	70.2%	66.3%	67.0%	65.8%
Course Withdrawal Rate	18.1%	18.5%	19.4%	16.0%	20.5%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	46	59	62	86	67
Fall-to-Fall Retention Rate	32.6%	27.1%	40.3%	39.5%	38.8%
One-Year Graduation Rate	2.2%	3.4%	1.6%	0.0%	1.5%
Two-Year Graduation Rate	4.3%	10.2%	11.3%	5.8%	
Three-Year Graduation Rate	19.6%	15.3%	17.7%		
Four-Year Graduation Rate	21.7%	23.7%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Admin Asst. / Software Support Spec. (AAS)	3	2	5	5	6
Office Information Processing Specialist (AAS)	3	1	6	3	7
Admin Asst. / Software Support Spec. (DIP)	1	0	1	2	1
Medical Office Assistant (DIP)	10	6	9	14	15
Customer Serv./Contract Center Spec. (CERT)	0	2	1	0	
Legal Office Specialist (CERT)	0	3	0	7	3
<b>Total Awards</b>	<b>17</b>	<b>14</b>	<b>22</b>	<b>31</b>	<b>32</b>

# MCTC Academic Department and Program Review FY2011

## Business Office Technology (BTEC)

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>4</b>	<b>7</b>

= No Assessment Reported     
 0 =Vulnerable     
 1 =Healthy     
 2 =Thriving

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	2 66.7%	2 66.7%	6 54.5%	2 33.3%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	3 27.3%	2 33.3%
Total In or Available for Related Employment	2	2	9	4
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>100.0%</b>	<b>66.7%</b>	<b>50.0%</b>
Continuing Education	0 0.0%	1 33.3%	2 18.2%	1 16.7%
Not Seeking or Unavailable for Employment	1 33.3%	0 0.0%	0 0.0%	1 16.7%
<b>Total Survey Respondents</b>	<b>3</b>	<b>3</b>	<b>11</b>	<b>6</b>
Status Unknown	3	0	0	2
<b>Total Graduates</b>	<b>6</b>	<b>3</b>	<b>11</b>	<b>8</b>

Diplomas	FY2007	FY2008	FY2009	FY2010
Related Employment	3 30.0%	0 0.0%	4 44.4%	4 36.4%
Seeking/Available for Related Employment	2 20.0%	1 16.7%	2 22.2%	3 27.3%
Total In or Available for Related Employment	5	1	6	7
<b>Related Employment Rate</b>	<b>60.0%</b>	<b>0.0%</b>	<b>66.7%</b>	<b>57.1%</b>
Continuing Education	3 30.0%	3 50.0%	2 22.2%	3 27.3%
Not Seeking or Unavailable for Employment	2 20.0%	2 33.3%	1 11.1%	1 9.1%
<b>Total Survey Respondents</b>	<b>10</b>	<b>6</b>	<b>9</b>	<b>11</b>
Status Unknown	1	0	1	5
<b>Total Graduates</b>	<b>11</b>	<b>6</b>	<b>10</b>	<b>16</b>

# MCTC Academic Department and Program Review FY2011

## Business Office Technology (BTEC)

<b>Certificates</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	No Data	4 100.0%	0 0.0%	1 25.0%
Seeking/Available for Related Employment	No Data	0 0.0%	0 0.0%	1 25.0%
Total In or Available for Related Employment	No Data	4	0	2
<b>Related Employment Rate</b>	No Data	<b>100.0%</b>	<b>N/A</b>	<b>50.0%</b>
Continuing Education	No Data	0 0.0%	1 100.0%	1 25.0%
Not Seeking or Unavailable for Employment	No Data	0 0.0%	0 0.0%	1 25.0%
<b>Total Survey Respondents</b>	No Data	<b>4</b>	<b>1</b>	<b>4</b>
Status Unknown	No Data	1	0	3
<b>Total Graduates</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>7</b>

### Employment and Wage Indicators

**Awards:** Medical Office Assistant (DIP)  
**Population:** MCTC Program Graduates

	<b>Employment</b>		<b>Median Wage</b>	
	<b>Grads</b>	<b>%</b>	<b>Grads</b>	<b>\$</b>
Initial employment (2007-2009)	16	72.7%	16	\$12.60
Employment—6 months (2007-2009)	16	100.0%	16	\$13.12
Employment—2 years (2006-2008)	12	100.0%	12	\$14.99

**Awards:** Admin Assistant / Software Support Specialist (AAS)  
**Population:** MnSCU Metro-Area Program Graduates

	<b>Employment</b>		<b>Median Wage</b>	
	<b>Grads</b>	<b>%</b>	<b>Grads</b>	<b>\$</b>
Initial employment (2007-2009)	45	81.8%	43	\$14.11
Employment—6 months (2007-2009)	39	86.7%	38	\$14.14
Employment—2 years (2006-2008)	38	97.4%	38	\$16.40

**Awards:** Admin Assistant / Software Support Specialist (DIP)  
**Population:** MnSCU Metro-Area Program Graduates

	<b>Employment</b>		<b>Median Wage</b>	
	<b>Grads</b>	<b>%</b>	<b>Grads</b>	<b>\$</b>
Initial employment (2007-2009)	27	84.4%	26	\$12.62
Employment—6 months (2007-2009)	26	96.3%	26	\$13.54
Employment—2 years (2006-2008)	27	96.4%	26	\$14.34

### No data are available for the following programs:

Office Information Processing Specialist (AAS)  
Legal Office Specialist (CERT)

# MCTC Academic Department and Program Review FY2011

## Cinema (ANIM, CINE, CIPR, CVFX, DREC, EDIT, FILM, MPRO, SCRN, SNDC, VIDA)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	474	474	324	239	240
Underrepresented Students	66.5%	66.1%	61.6%	62.6%	75.3%
Students of Color	20.2%	23.2%	22.2%	31.8%	33.2%
Student FYE	132.3	136.5	103.2	96.7	93.5
Faculty FTE	7.2	7.0	6.3	6.1	6.1
Student/Faculty Ratio	18:1	20:1	16:1	16:1	15:1
Subject Cost/FYE	\$4,861	\$5,244	\$5,988	\$7,371	\$7,487
Sections Open	94	84	76	69	66
Seats Filled	1,306	1,326	1,013	915	881
Average Section Size	13.9	15.8	13.3	13.3	13.3
Saturation Rate	65.4%	74.0%	74.6%	76.2%	77.1%

#### Cost/FYE Comparison

Drama/Theatre Arts and Stagecraft	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 5,312	5,621	5,770	4,871
MnSCU Average Cost/FYE	\$ 5,168	5,549	5,603	4,770
<b>Variance from MnSCU Average</b>	<b>\$ 144</b>	<b>71</b>	<b>167</b>	<b>101</b>

Film/Video And Photographic Arts	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,993	5,086	5,788	6,525
MnSCU Average Cost/FYE	\$ 4,715	5,390	4,721	4,632
<b>Variance from MnSCU Average</b>	<b>\$ 278</b>	<b>-304</b>	<b>1,067</b>	<b>1,893</b>

Animation/Interactive Tech/Video Graphic	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,813	5,478	No Data	4,244
MnSCU Average Cost/FYE	\$ 4,973	6,477	No Data	4,244
<b>Variance from MnSCU Average</b>	<b>\$ -160</b>	<b>-999</b>	No Data	<b>0</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	83.9%	81.4%	82.4%	83.6%	79.7%
Course Withdrawal Rate	6.5%	8.8%	7.2%	5.4%	8.4%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	116	88	66	82	89
Fall-to-Fall Retention Rate	52.6%	50.0%	59.1%	50.0%	49.4%
One-Year Graduation Rate	0.0%	1.1%	21.2%	26.8%	14.6%
Two-Year Graduation Rate	4.3%	12.5%	43.9%	37.8%	
Three-Year Graduation Rate	23.3%	19.3%	50.0%		
Four-Year Graduation Rate	31.0%	20.5%			

## MCTC Academic Department and Program Review FY2011

### Cinema (ANIM, CINE, CIPR, CVFX, DREC, EDIT, FILM, MPRO, SCRN, SNDC, VIDA)

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Cinematography (AS)			0	5	8
Directing and Producing (AS)			0	1	6
Editing and Post-Production (AS)			0	0	10
Filmmaking (AS)	11	16	15	8	1
Screenwriting (AS)	14	4	10	16	7
Video and Digital Arts (AS)	9	6	16	10	2
Audio-Video Digital Media (AAS)	5	5	5	1	
Dynamic Digital Media (AAS)			1	4	10
Audio-Video Digital Media (DIP)	0	0	0	1	
Computer Graphic Imaging (DIP)			0	0	2
Cinema Production (CERT)			24	45	21
Digital Video (CERT)			0	1	0
Film Studies (CERT)	3	2	3	3	0
<b>Total Awards</b>	<b>42</b>	<b>33</b>	<b>74</b>	<b>95</b>	<b>67</b>

#### Assessment of Student Learning Outcomes

##### Cinematography

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>3</b>	<b>12</b>

= No Assessment Reported    
  0 =Vulnerable    
  1 =Healthy    
  2 =Thriving

##### Cinema Production

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>3</b>	<b>12</b>

= No Assessment Reported    
  0 =Vulnerable    
  1 =Healthy    
  2 =Thriving

##### Directing and Producing

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>3</b>	<b>4</b>

= No Assessment Reported    
  0 =Vulnerable    
  1 =Healthy    
  2 =Thriving

## MCTC Academic Department and Program Review FY2011

### Cinema (ANIM, CINE, CIPR, CVFX, DREC, EDIT, FILM, MPRO, SCRN, SNDC, VIDA)

#### Editing and Postproduction

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>		<b>7</b>

= No Assessment Reported    
 0 =Vulnerable    
 1 =Healthy    
 2 =Thriving

#### Screenwriting

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>6</b>

= No Assessment Reported    
 0 =Vulnerable    
 1 =Healthy    
 2 =Thriving

#### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	10 33.3%	16 55.2%	19 45.2%	19 46.3%
Seeking/Available for Related Employment	7 23.3%	5 17.2%	7 16.7%	10 24.4%
Total In or Available for Related Employment	17	21	26	29
<b>Related Employment Rate</b>	<b>58.8%</b>	<b>76.2%</b>	<b>73.1%</b>	<b>65.5%</b>
Continuing Education	11 36.7%	5 17.2%	15 35.7%	10 24.4%
Not Seeking or Unavailable for Employment	2 6.7%	3 10.3%	1 2.4%	2 4.9%
<b>Total Survey Respondents</b>	<b>30</b>	<b>29</b>	<b>42</b>	<b>41</b>
Status Unknown	9	2	5	4
<b>Total Graduates</b>	<b>39</b>	<b>31</b>	<b>47</b>	<b>45</b>

## MCTC Academic Department and Program Review FY2011

### Cinema (ANIM, CINE, CIPR, CVFX, DREC, EDIT, FILM, MPRO, SCRN, SNDC, VIDA)

Diplomas	FY2007	FY2008	FY2009	FY2010
Related Employment	No Data	No Data	No Data	1 100.0%
Seeking/Available for Related Employment	No Data	No Data	No Data	0 0.0%
Total In or Available for Related Employment	No Data	No Data	No Data	1
<b>Related Employment Rate</b>	No Data	No Data	No Data	<b>100.0%</b>
Continuing Education	No Data	No Data	No Data	0 0.0%
Not Seeking or Unavailable for Employment	No Data	No Data	No Data	0 0.0%
<b>Total Survey Respondents</b>	No Data	No Data	No Data	<b>1</b>
Status Unknown	No Data	No Data	No Data	0
<b>Total Graduates</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

Certificates	FY2007	FY2008	FY2009	FY2010
Related Employment	1 33.3%	0 0.0%	2 7.4%	7 15.2%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	2 7.4%	11 23.9%
Total In or Available for Related Employment	1	0	4	18
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>N/A</b>	<b>50.0%</b>	<b>38.9%</b>
Continuing Education	1 33.3%	2 100.0%	22 81.5%	27 58.7%
Not Seeking or Unavailable for Employment	1 33.3%	0 0.0%	1 3.7%	1 2.2%
<b>Total Survey Respondents</b>	<b>3</b>	<b>2</b>	<b>27</b>	<b>46</b>
Status Unknown	0	0	0	3
<b>Total Graduates</b>	<b>3</b>	<b>2</b>	<b>27</b>	<b>49</b>



## MCTC Academic Department and Program Review FY2011

### Cinema (ANIM, CINE, CIPR, CVFX, DREC, EDIT, FILM, MPRO, SCRN, SNDC, VIDA)

#### Employment and Wage Indicators

**Awards:** Audio-Video Digital Media (DIP)  
**Population:** MnSCU Metro-Area Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	20	52.6%	20	\$11.72
Employment—6 months (2007-2009)	18	90.0%	17	\$13.69
Employment—2 years (2006-2008)	16	88.9%	16	\$14.61

**Awards:** Screenwriting (AS)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	16	57.1%	15	\$13.51
Employment—6 months (2007-2009)	14	87.5%	14	\$14.14
Employment—2 years (2006-2008)	11	73.3%	11	\$18.53

**Awards:** Cinematography (AS)  
Directing and Producing (AS)  
Editing and Post-Production (AS)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	34	81.0%	29	\$12.77
Employment—6 months (2007-2009)	28	82.4%	27	\$13.63
Employment—2 years (2006-2008)	22	81.5%	21	\$15.88

**No data are available for the following programs:**

- Audio-Video Digital Media (AAS)
- Dynamic Digital Media (AAS)
- Computer Graphic Imaging (DIP)
- Computer Graphic Imaging (DIP)
- Digital Video (CERT)

# MCTC Academic Department and Program Review FY2011

## Construction Electricity (CNEL)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	60	48	44	55	61
Underrepresented Students	78.7%	74.4%	56.4%	79.2%	90.9%
Students of Color	30.5%	21.3%	25.0%	40.7%	50.0%
Student FYE	26.7	20.8	21.6	21.0	22.6
Faculty FTE	2.0	1.9	1.9	1.9	1.6
Student/Faculty Ratio	13:1	11:1	11:1	11:1	14:1
Subject Cost/FYE	\$6,902	\$9,988	\$9,342	\$10,089	\$8,872
Sections Open	30	31	31	31	26
Seats Filled	387	304	306	307	325
Average Section Size	12.9	9.8	9.9	9.9	12.5
Saturation Rate	52.3%	41.5%	40.1%	40.8%	49.5%

#### Cost/FYE Comparison

Electrical & Power Transmission Install	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 6,968	9,876	8,748	13,815
MnSCU Average Cost/FYE	\$ 4,659	5,100	5,509	5,229
<b>Variance from MnSCU Average</b>	<b>\$ 2,309</b>	<b>4,775</b>	<b>3,239</b>	<b>8,586</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	94.3%	93.8%	91.1%	92.2%	84.9%
Course Withdrawal Rate	2.3%	0.3%	6.9%	5.2%	6.5%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	19	30	16	32	29
Fall-to-Fall Retention Rate	42.1%	46.7%	31.3%	31.3%	27.6%
One-Year Graduation Rate	0.0%	0.0%	0.0%	0.0%	0.0%
Two-Year Graduation Rate	36.8%	20.0%	12.5%	15.6%	
Three-Year Graduation Rate	36.8%	33.3%	12.5%		
Four-Year Graduation Rate	36.8%	36.7%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Construction Electricity (DIP)	12	17	7	8	6
<b>Total Awards</b>	<b>12</b>	<b>17</b>	<b>7</b>	<b>8</b>	<b>6</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>1</b>	<b>6</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Construction Electricity (CNEL)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Diplomas	FY2007	FY2008	FY2009	FY2010
Related Employment	6 60.0%	7 63.6%	3 42.9%	5 83.3%
Seeking/Available for Related Employment	1 10.0%	3 27.3%	4 57.1%	1 16.7%
Total In or Available for Related Employment	7	10	7	6
<b>Related Employment Rate</b>	<b>85.7%</b>	<b>70.0%</b>	<b>42.9%</b>	<b>83.3%</b>
Continuing Education	2 20.0%	1 9.1%	0 0.0%	0 0.0%
Not Seeking or Unavailable for Employment	1 10.0%	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>10</b>	<b>11</b>	<b>7</b>	<b>6</b>
Status Unknown	2	6	0	2
<b>Total Graduates</b>	<b>12</b>	<b>17</b>	<b>7</b>	<b>8</b>

#### Employment and Wage Indicators

Awards: Construction Electricity (DIP)  
Population: MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	30	83.3%	29	\$15.47
Employment—6 months (2007-2009)	27	90.0%	27	\$17.21
Employment—2 years (2006-2008)	30	76.9%	29	\$21.23

# MCTC Academic Department and Program Review FY2011

## Culinary Arts (CULA, REST)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	66	75	91	98	113
Underrepresented Students	88.3%	88.7%	79.3%	85.6%	85.8%
Students of Color	60.0%	47.3%	46.7%	51.5%	55.4%
Student FYE	35.0	39.9	52.8	55.4	58.2
Faculty FTE	2.2	2.2	2.2	2.0	2.3
Student/Faculty Ratio	16:1	18:1	24:1	28:1	25:1
Subject Cost/FYE	\$6,356	\$6,222	\$4,830	\$4,174	\$4,281
Sections Open	24	24	24	24	23
Seats Filled	400	463	605	633	567
Average Section Size	16.7	19.3	25.2	26.4	24.7
Saturation Rate	63.0%	72.9%	95.3%	99.7%	93.0%

#### Cost/FYE Comparison

Culinary Arts And Related Services	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 6,440	6,702	4,810	4,402
MnSCU Average Cost/FYE	\$ 7,005	6,733	6,189	5,634
<b>Variance from MnSCU Average</b>	<b>\$ -565</b>	<b>-31</b>	<b>-1,379</b>	<b>-1,231</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	78.1%	87.0%	88.7%	83.4%	86.4%
Course Withdrawal Rate	12.0%	5.2%	4.3%	8.2%	7.8%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	16	25	21	27	30
Fall-to-Fall Retention Rate	43.8%	56.0%	61.9%	40.7%	33.3%
One-Year Graduation Rate	0.0%	0.0%	4.8%	29.6%	40.0%
Two-Year Graduation Rate	12.5%	16.0%	66.7%	33.3%	
Three-Year Graduation Rate	31.3%	32.0%	66.7%		
Four-Year Graduation Rate	37.5%	36.0%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Culinary Specialist (AAS)	10	4	12	15	16
Culinary Specialist (DIP)	8	2	0	2	6
Baking Certificate (CERT)	10	0	3	16	18
Culinary Specialist (CERT)	5	1	1	26	40
<b>Total Awards</b>	<b>33</b>	<b>7</b>	<b>16</b>	<b>59</b>	<b>80</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>2</b>	<b>6</b>

= No Assessment Reported    
  = Vulnerable    
  = Healthy    
  = Thriving

# MCTC Academic Department and Program Review FY2011

## Culinary Arts (CULA, REST)

### Post –Award Success

#### Graduate Follow-Up Survey Results

<b>Associate Degrees</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	8 88.9%	3 75.0%	5 50.0%	7 87.5%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	1 10.0%	1 12.5%
Total In or Available for Related Employment	8	3	6	8
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>100.0%</b>	<b>83.3%</b>	<b>87.5%</b>
Continuing Education	1 11.1%	1 25.0%	4 40.0%	0 0.0%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>9</b>	<b>4</b>	<b>10</b>	<b>8</b>
Status Unknown	1	0	2	7
<b>Total Graduates</b>	<b>10</b>	<b>4</b>	<b>12</b>	<b>15</b>

<b>Diplomas</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	3 37.5%	0 0.0%	No Data	1 100.0%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	No Data	0 0.0%
Total In or Available for Related Employment	3	0	No Data	1
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>N/A</b>	<b>No Data</b>	<b>100.0%</b>
Continuing Education	5 62.5%	2 100.0%	No Data	0 0.0%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	No Data	0 0.0%
<b>Total Survey Respondents</b>	<b>8</b>	<b>2</b>	<b>No Data</b>	<b>1</b>
Status Unknown	0	0	No Data	1
<b>Total Graduates</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>2</b>

<b>Certificates</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	7 46.7%	1 100.0%	4 100.0%	11 50.0%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	0 0.0%	3 13.6%
Total In or Available for Related Employment	7	1	4	14
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>78.6%</b>
Continuing Education	8 53.3%	0 0.0%	0 0.0%	8 36.4%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>15</b>	<b>1</b>	<b>4</b>	<b>22</b>
Status Unknown	0	0	0	20
<b>Total Graduates</b>	<b>15</b>	<b>1</b>	<b>4</b>	<b>42</b>

# MCTC Academic Department and Program Review FY2011

## Culinary Arts (CULA, REST)

### Employment and Wage Indicators

**Awards:** Baking Certificate (CERT)  
**Population:** MnSCU Metro-Area Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	38	77.6%	37	\$10.95
Employment—6 months (2007-2009)	37	97.4%	36	\$11.23
Employment—2 years (2006-2008)	11	78.6%	9	\$13.83

**Awards:** Culinary Specialist (AAS)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	19	76.0%	19	\$12.26
Employment—6 months (2007-2009)	17	89.5%	17	\$12.61
Employment—2 years (2006-2008)	9	81.8%	8	\$16.46

**Awards:** Culinary Specialist (DIP)  
**Population:** MnSCU Metro-Area Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	58	79.5%	58	\$11.81
Employment—6 months (2007-2009)	53	91.4%	53	\$12.19
Employment—2 years (2006-2008)	47	83.9%	42	\$13.08

**No data are available for the following programs:**

Culinary Specialist (CERT)

# MCTC Academic Department and Program Review FY2011

## Dental Assistant (DN TA)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	60	64	60	80	67
Underrepresented Students	86.5%	85.2%	87.0%	89.3%	87.9%
Students of Color	44.1%	51.6%	55.0%	69.6%	72.7%
Student FYE	28.8	33.7	24.7	38.9	28.9
Faculty FTE	2.3	2.7	1.9	2.9	2.3
Student/Faculty Ratio	13:1	13:1	13:1	14:1	12:1
Subject Cost/FYE	\$6,382	\$7,148	\$8,522	\$6,590	\$9,294
Sections Open	24	26	22	28	25
Seats Filled	281	328	237	381	277
Average Section Size	11.7	12.6	10.8	13.6	11.1
Saturation Rate	65.0%	70.1%	59.8%	75.6%	61.6%

#### Cost/FYE Comparison

Dental Assisting/Assistant	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 6,448	7,051	10,551	6,662
MnSCU Average Cost/FYE	\$ 6,250	6,752	6,895	6,643
Variance from MnSCU Average	\$ 199	300	3,655	19

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	96.1%	92.4%	92.5%	86.6%	91.1%
Course Withdrawal Rate	2.8%	0.0%	3.3%	4.2%	3.9%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	16	22	9	30	12
Fall-to-Fall Retention Rate	0.0%	36.4%	0.0%	43.3%	0.0%
One-Year Graduation Rate	75.0%	40.9%	88.9%	23.3%	0.0%
Two-Year Graduation Rate	87.5%	63.6%	88.9%	60.0%	
Three-Year Graduation Rate	87.5%	63.6%	88.9%		
Four-Year Graduation Rate	87.5%	63.6%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Dental Assistant (DIP)	17	25	23	18	25
Expanded Functions Dental Assistant (CERT)	2	3	0	2	2
<b>Total Awards</b>	<b>19</b>	<b>28</b>	<b>23</b>	<b>20</b>	<b>27</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>10</b>	<b>10</b>

= No Assessment Reported
  0 =Vulnerable
  1 =Healthy
  2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Dental Assistant (DNTA)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Diplomas	FY2007	FY2008	FY2009	FY2010
Related Employment	13 76.5%	17 70.8%	11 57.9%	0 0.0%
Seeking/Available for Related Employment	1 5.9%	1 4.2%	2 10.5%	1 33.3%
Total In or Available for Related Employment	14	18	13	1
<b>Related Employment Rate</b>	<b>92.9%</b>	<b>94.4%</b>	<b>84.6%</b>	<b>0.0%</b>
Continuing Education	2 11.8%	6 25.0%	6 31.6%	2 66.7%
Not Seeking or Unavailable for Employment	1 5.9%	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>17</b>	<b>24</b>	<b>19</b>	<b>3</b>
Status Unknown	0	1	3	15
<b>Total Graduates</b>	<b>17</b>	<b>25</b>	<b>22</b>	<b>18</b>

Certificates	FY2007	FY2008	FY2009	FY2010
Related Employment	2 100.0%	2 66.7%	0 0.0%	No Data
Seeking/Available for Related Employment	0 0.0%	0 0.0%	0 0.0%	No Data
Total In or Available for Related Employment	2	2	0	No Data
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>100.0%</b>	<b>N/A</b>	<b>No Data</b>
Continuing Education	0 0.0%	1 33.3%	1 100.0%	No Data
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	No Data
<b>Total Survey Respondents</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>0</b>
Status Unknown	0	0	0	2
<b>Total Graduates</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>

#### Employment and Wage Indicators

**Awards:** Dental Assistant (DIP)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	59	93.7%	53	\$16.37
Employment—6 months (2007-2009)	56	94.9%	49	\$17.66
Employment—2 years (2006-2008)	47	95.9%	44	\$19.26

**No data are available for the following programs:**  
 Expanded Functions Dental Assistant (CERT)



# MCTC Academic Department and Program Review FY2011

## Education and Child Development (CHDV, EDUC, URTE)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	378	373	446	611	619
Underrepresented Students	86.5%	90.6%	88.5%	90.7%	92.4%
Students of Color	62.7%	60.9%	65.1%	66.0%	61.9%
Student FYE	82.6	81.0	93.8	120.7	121.1
Faculty FTE	4.1	2.4	3.2	3.9	4.8
Student/Faculty Ratio	20:1	34:1	30:1	31:1	25:1
Subject Cost/FYE	\$3,982	\$2,683	\$3,100	\$2,902	\$3,199
Sections Open	44	33	49	61	64
Seats Filled	759	719	998	1,372	1,435
Average Section Size	17.3	21.8	20.4	22.5	22.4
Saturation Rate	67.9%	81.9%	82.7%	86.0%	87.9%

#### Cost/FYE Comparison

Education	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 5,447	5,925	1,398	6,972
MnSCU Average Cost/FYE	\$ 5,182	5,155	5,033	4,910
<b>Variance from MnSCU Average</b>	<b>\$ 265</b>	<b>770</b>	<b>-3,635</b>	<b>2,062</b>

Human Develop/Family Studies Other	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,350	3,462	4,498	No Data
MnSCU Average Cost/FYE	\$ 4,430	4,298	4,192	No Data
<b>Variance from MnSCU Average</b>	<b>\$ -80</b>	<b>-836</b>	<b>306</b>	No Data

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	74.1%	76.3%	76.7%	68.7%	68.6%
Course Withdrawal Rate	10.9%	12.4%	12.5%	19.4%	20.7%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	60	49	86	100	99
Fall-to-Fall Retention Rate	21.7%	36.7%	39.5%	31.0%	38.4%
One-Year Graduation Rate	0.0%	0.0%	7.0%	5.0%	2.0%
Two-Year Graduation Rate	5.0%	22.4%	16.3%	13.0%	
Three-Year Graduation Rate	18.3%	24.5%	22.1%		
Four-Year Graduation Rate	18.3%	28.6%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Urban Teacher (AA)	3				
Child Development (AS)	1	2	8	11	18
Education (AS)			0	1	2
Urban Teacher Education (AS)	1	6	7	4	4
Child Development (AAS)	16	11	14	12	10
Child Development (DIP)	10	5	7	13	9
Child Development (CERT)	15	8	35	17	23
ESOL Education (CERT)					2
<b>Total Awards</b>	<b>46</b>	<b>32</b>	<b>71</b>	<b>58</b>	<b>68</b>

# MCTC Academic Department and Program Review FY2011

## Education and Child Development (CHDV, EDUC, URTE)

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>7</b>	<b>0</b>

= No Assessment Reported     
  =Vulnerable     
  =Healthy     
  =Thriving

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	11 73.3%	7 41.2%	11 45.8%	15 60.0%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	1 4.2%	0 0.0%
Total In or Available for Related Employment	11	7	12	15
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>100.0%</b>	<b>91.7%</b>	<b>100.0%</b>
Continuing Education	4 26.7%	10 58.8%	12 50.0%	10 40.0%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>15</b>	<b>17</b>	<b>24</b>	<b>25</b>
Status Unknown	3	2	5	3
<b>Total Graduates</b>	<b>18</b>	<b>19</b>	<b>29</b>	<b>28</b>

Diplomas	FY2007	FY2008	FY2009	FY2010
Related Employment	4 44.4%	1 33.3%	2 33.3%	7 58.3%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	1 16.7%	1 8.3%
Total In or Available for Related Employment	4	1	3	8
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>100.0%</b>	<b>66.7%</b>	<b>87.5%</b>
Continuing Education	5 55.6%	2 66.7%	3 50.0%	4 33.3%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>9</b>	<b>3</b>	<b>6</b>	<b>12</b>
Status Unknown	1	1	1	1
<b>Total Graduates</b>	<b>10</b>	<b>4</b>	<b>7</b>	<b>13</b>

# MCTC Academic Department and Program Review FY2011

## Education and Child Development (CHDV, EDUC, URTE)

<b>Certificates</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	8 57.1%	4 50.0%	5 15.2%	4 28.6%
Seeking/Available for Related Employment	1 7.1%	0 0.0%	4 12.1%	1 7.1%
Total In or Available for Related Employment	9	4	9	5
<b>Related Employment Rate</b>	<b>88.9%</b>	<b>100.0%</b>	<b>55.6%</b>	<b>80.0%</b>
Continuing Education	5 35.7%	4 50.0%	21 63.6%	8 57.1%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	3 9.1%	1 7.1%
<b>Total Survey Respondents</b>	<b>14</b>	<b>8</b>	<b>33</b>	<b>14</b>
Status Unknown	1	0	2	3
<b>Total Graduates</b>	<b>15</b>	<b>8</b>	<b>35</b>	<b>17</b>

### Employment and Wage Indicators

**Awards:** Child Development (AS)  
**Population:** MnSCU Metro-Area Program Graduates

	<b>Employment</b>		<b>Median Wage</b>	
	<b>Grads</b>	<b>%</b>	<b>Grads</b>	<b>\$</b>
Initial employment (2007-2009)	33	70.2%	30	\$12.01
Employment—6 months (2007-2009)	31	93.9%	30	\$12.38
Employment—2 years (2006-2008)	15	88.2%	14	\$13.22

**Awards:** Child Development (AAS)  
**Population:** MCTC Program Graduates

	<b>Employment</b>		<b>Median Wage</b>	
	<b>Grads</b>	<b>%</b>	<b>Grads</b>	<b>\$</b>
Initial employment (2007-2009)	38	92.7%	38	\$16.63
Employment—6 months (2007-2009)	37	97.4%	36	\$16.99
Employment—2 years (2006-2008)	33	91.7%	32	\$15.88

**Awards:** Child Development (DIP)  
**Population:** MCTC Program Graduates

	<b>Employment</b>		<b>Median Wage</b>	
	<b>Grads</b>	<b>%</b>	<b>Grads</b>	<b>\$</b>
Initial employment (2007-2009)	16	80.0%	15	\$15.55
Employment—6 months (2007-2009)	15	93.8%	15	\$16.16
Employment—2 years (2006-2008)	11	84.6%	11	\$14.95

**Awards:** Child Development (CERT)  
**Population:** MCTC Program Graduates

	<b>Employment</b>		<b>Median Wage</b>	
	<b>Grads</b>	<b>%</b>	<b>Grads</b>	<b>\$</b>
Initial employment (2007-2009)	50	87.7%	49	\$12.40
Employment—6 months (2007-2009)	48	96.0%	15	\$12.63
Employment—2 years (2006-2008)	24	88.9%	24	\$15.04

**No data are available for the following programs:**

- Education (AS)
- ESOL Education (CERT)

# MCTC Academic Department and Program Review FY2011

## Electroneurodiagnostic Technology (ENDT)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	20	33	32	35	30
Underrepresented Students	75.0%	84.6%	86.2%	72.7%	79.3%
Students of Color	26.3%	39.4%	53.1%	51.4%	50.0%
Student FYE	7.3	15.9	15.0	15.8	16.1
Faculty FTE	0.8	1.8	1.5	1.2	1.4
Student/Faculty Ratio	9:1	9:1	10:1	13:1	12:1
Subject Cost/FYE	\$22,704	\$7,815	\$6,657	\$8,577	\$11,109
Sections Open	5	15	13	12	13
Seats Filled	64	135	127	134	126
Average Section Size	12.8	9.0	9.8	11.2	9.7
Saturation Rate	53.3%	51.1%	46.5%	46.5%	43.8%

#### Cost/FYE Comparison

Electroneurodiagnostic Technology/Tech	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 22,673	7,825	6,600	9,084
MnSCU Average Cost/FYE	\$ 22,673	7,825	6,600	9,084
<b>Variance from MnSCU Average</b>	<b>\$ 0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	75.0%	88.9%	89.0%	77.4%	82.5%
Course Withdrawal Rate	9.4%	8.9%	7.9%	21.8%	15.8%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	20	22	22	24	21
Fall-to-Fall Retention Rate	40.0%	36.4%	45.5%	29.2%	42.9%
One-Year Graduation Rate	0.0%	0.0%	0.0%	0.0%	0.0%
Two-Year Graduation Rate	35.0%	27.3%	40.9%	29.2%	
Three-Year Graduation Rate	35.0%	31.8%	40.9%		
Four-Year Graduation Rate	35.0%	31.8%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Electroneurodiagnostic Technology (AAS)	0	5	6	5	7
Electroneurodiagnostic Technology (DIP)	0	6	3	5	7
<b>Total Awards</b>	<b>0</b>	<b>11</b>	<b>9</b>	<b>10</b>	<b>14</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>		<b>9</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Electroneurodiagnostic Technology (ENDT)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	No Data	5 100.0%	4 66.7%	1 50.0%
Seeking/Available for Related Employment	No Data	0 0.0%	1 16.7%	0 0.0%
Total In or Available for Related Employment	No Data	5	5	1
<b>Related Employment Rate</b>	No Data	<b>100.0%</b>	<b>80.0%</b>	<b>100.0%</b>
Continuing Education	No Data	0 0.0%	0 0.0%	1 50.0%
Not Seeking or Unavailable for Employment	No Data	0 0.0%	1 16.7%	0 0.0%
<b>Total Survey Respondents</b>	No Data	<b>5</b>	<b>6</b>	<b>2</b>
Status Unknown	No Data	0	0	3
<b>Total Graduates</b>	<b>0</b>	<b>5</b>	<b>6</b>	<b>5</b>

Diplomas	FY2007	FY2008	FY2009	FY2010
Related Employment	No Data	0 0.0%	1 33.3%	2 66.7%
Seeking/Available for Related Employment	No Data	0 0.0%	1 33.3%	0 0.0%
Total In or Available for Related Employment	No Data	0	2	2
<b>Related Employment Rate</b>	No Data	<b>N/A</b>	<b>50.0%</b>	<b>100.0%</b>
Continuing Education	No Data	6 100.0%	1 33.3%	1 33.3%
Not Seeking or Unavailable for Employment	No Data	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	No Data	<b>6</b>	<b>3</b>	<b>3</b>
Status Unknown	No Data	0	0	2
<b>Total Graduates</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>5</b>

#### Employment and Wage Indicators

**Awards:** Electroneurodiagnostic Technology (AAS)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	8	72.7%	8	\$19.41
Employment—6 months (2007-2009)	7	87.5%	7	\$19.81
Employment—2 years (2006-2008)				

**No data are available for the following programs:**  
 Electroneurodiagnostic Technology (DIP)

# MCTC Academic Department and Program Review FY2011

## Graphic Design and Electronic Publishing (EPUB, GRPH, WEBI)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	360	425	432	517	492
Underrepresented Students	74.3%	68.6%	64.3%	66.1%	73.7%
Students of Color	24.1%	20.5%	21.3%	25.0%	25.6%
Student FYE	110.7	126.5	142.1	164.3	161.1
Faculty FTE	4.5	4.9	4.7	5.4	5.7
Student/Faculty Ratio	25:1	26:1	30:1	30:1	28:1
Subject Cost/FYE	\$3,714	\$3,836	\$2,697	\$2,658	\$2,762
Sections Open	58	63	62	64	65
Seats Filled	1,122	1,285	1,436	1,658	1,613
Average Section Size	19.3	20.4	23.2	25.9	24.8
Saturation Rate	68.6%	72.7%	82.4%	91.6%	87.6%

#### Cost/FYE Comparison

Computer Software & Media Application	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,221	4,277	1,496	2,366
MnSCU Average Cost/FYE	\$ 4,669	4,985	4,006	3,409
<b>Variance from MnSCU Average</b>	<b>\$ -448</b>	<b>-708</b>	<b>-2,510</b>	<b>-1,044</b>

Commercial & Advertising Art	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ No Data	4,361	No Data	No Data
MnSCU Average Cost/FYE	\$ No Data	4,886	No Data	No Data
<b>Variance from MnSCU Average</b>	<b>\$ No Data</b>	<b>-525</b>	No Data	No Data

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	80.6%	81.7%	87.6%	85.1%	85.8%
Course Withdrawal Rate	13.1%	11.5%	7.0%	10.3%	10.0%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	103	104	96	115	106
Fall-to-Fall Retention Rate	40.8%	34.6%	56.3%	45.2%	48.1%
One-Year Graduation Rate	4.9%	2.9%	3.1%	1.7%	2.8%
Two-Year Graduation Rate	10.7%	5.8%	12.5%	13.9%	
Three-Year Graduation Rate	21.4%	17.3%	25.0%		
Four-Year Graduation Rate	21.4%	20.2%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Graphic Design: Print Media (AAS)	15	18	22	31	31
Web and Interactive Media (AAS)					4
Web Design (AAS)	5	8	11	11	7
Electronic Publishing (DIP)	0	2	0	4	0
Graphic Design and Visual Comm. (DIP)	1	0	2	0	1
Web Design (DIP)	2	0	0	0	
Electronic Publishing (CERT)	1	1	0	5	1
Graphic Design: Print Media (CERT)					11
Graphic Design: Print Media Core (CERT)					8
Web and Interactive Media (CERT)					12
Web Design (CERT)	3	1	1	12	4
<b>Total Awards</b>	<b>27</b>	<b>30</b>	<b>36</b>	<b>63</b>	<b>79</b>

# MCTC Academic Department and Program Review FY2011

## Graphic Design and Electronic Publishing (EPUB, GRPH, WEBI)

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>11</b>	<b>12</b>

= No Assessment Reported    
  0 =Vulnerable    
  1 =Healthy    
  2 =Thriving

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	8 66.7%	16 64.0%	13 41.9%	31 73.8%
Seeking/Available for Related Employment	0 0.0%	3 12.0%	6 19.4%	4 9.5%
Total In or Available for Related Employment	8	19	19	35
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>84.2%</b>	<b>68.4%</b>	<b>88.6%</b>
Continuing Education	4 33.3%	6 24.0%	9 29.0%	6 14.3%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	3 9.7%	1 2.4%
<b>Total Survey Respondents</b>	<b>12</b>	<b>25</b>	<b>31</b>	<b>42</b>
Status Unknown	8	1	2	0
<b>Total Graduates</b>	<b>20</b>	<b>26</b>	<b>33</b>	<b>42</b>

Diplomas	FY2007	FY2008	FY2009	FY2010
Related Employment	2 66.7%	0 0.0%	0 0.0%	3 75.0%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	2 100.0%	0 0.0%
Total In or Available for Related Employment	2	0	2	3
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>N/A</b>	<b>0.0%</b>	<b>100.0%</b>
Continuing Education	1 33.3%	1 100.0%	0 0.0%	1 25.0%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>4</b>
Status Unknown	0	1	0	0
<b>Total Graduates</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>4</b>

## MCTC Academic Department and Program Review FY2011

### Graphic Design and Electronic Publishing (EPUB, GRPH, WEBI)

Certificates	FY2007	FY2008	FY2009	FY2010
Related Employment	1 100.0%	1 50.0%	0 0.0%	13 76.5%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	1 100.0%	1 5.9%
Total In or Available for Related Employment	1	1	1	14
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>92.9%</b>
Continuing Education	0 0.0%	0 0.0%	0 0.0%	3 17.6%
Not Seeking or Unavailable for Employment	0 0.0%	1 50.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>17</b>
Status Unknown	3	0	0	0
<b>Total Graduates</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>17</b>

#### Employment and Wage Indicators

**Awards:** Graphic Design: Print Media (AAS)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	45	81.8%	41	\$14.47
Employment—6 months (2007-2009)	42	93.3%	36	\$14.33
Employment—2 years (2006-2008)	39	88.6%	34	\$17.14

**No data are available for the following programs:**

- Web and Interactive Media (AAS)
- Web and Interactive Media (CERT)
- Graphic Design: Print Media (CERT)
- Graphic Design: Print Media (CERT)



# MCTC Academic Department and Program Review FY2011

## Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	74	61	49	61	86
Underrepresented Students	69.1%	72.3%	65.1%	76.5%	87.2%
Students of Color	25.7%	21.7%	27.7%	35.0%	47.1%
Student FYE	43.0	29.6	27.5	28.8	39.6
Faculty FTE	2.9	2.3	3.0	2.9	2.6
Student/Faculty Ratio	15:1	13:1	9:1	10:1	15:1
Subject Cost/FYE	\$6,133	\$8,461	\$10,370	\$11,035	\$7,161
Sections Open	45	36	43	42	41
Seats Filled	602	416	383	398	553
Average Section Size	13.4	11.6	8.9	9.5	13.5
Saturation Rate	56.1%	46.4%	37.0%	40.6%	56.2%

#### Cost/FYE Comparison

Heating Air Cond Refrig Maint Tech	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 6,092	8,350	10,804	11,024
MnSCU Average Cost/FYE	\$ 5,115	5,037	5,399	5,113
<b>Variance from MnSCU Average</b>	<b>\$ 977</b>	<b>3,313</b>	<b>5,405</b>	<b>5,911</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	95.0%	96.2%	89.3%	89.2%	89.5%
Course Withdrawal Rate	3.0%	1.9%	9.9%	4.8%	6.5%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	28	34	25	40	38
Fall-to-Fall Retention Rate	42.9%	52.9%	36.0%	75.0%	47.4%
One-Year Graduation Rate	0.0%	0.0%	0.0%	0.0%	2.6%
Two-Year Graduation Rate	28.6%	35.3%	16.0%	20.0%	
Three-Year Graduation Rate	28.6%	44.1%	16.0%		
Four-Year Graduation Rate	32.1%	52.9%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Heating, Ventilation, A/C & Refrig (AAS)	9	5	8	7	12
Heating, Ventilation, A/C & Refrig (DIP)	17	8	3	7	1
<b>Total Awards</b>	<b>26</b>	<b>13</b>	<b>11</b>	<b>14</b>	<b>13</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>9</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	6 75.0%	2 40.0%	4 50.0%	4 57.1%
Seeking/Available for Related Employment	0 0.0%	2 40.0%	3 37.5%	2 28.6%
Total In or Available for Related Employment	6	4	7	6
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>50.0%</b>	<b>57.1%</b>	<b>66.7%</b>
Continuing Education	2 25.0%	1 20.0%	1 12.5%	1 14.3%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>8</b>	<b>5</b>	<b>8</b>	<b>7</b>
Status Unknown	1	0	0	0
<b>Total Graduates</b>	<b>9</b>	<b>5</b>	<b>8</b>	<b>7</b>

Diplomas	FY2007	FY2008	FY2009	FY2010
Related Employment	13 86.7%	5 62.5%	2 66.7%	4 57.1%
Seeking/Available for Related Employment	1 6.7%	3 37.5%	1 33.3%	2 28.6%
Total In or Available for Related Employment	14	8	3	6
<b>Related Employment Rate</b>	<b>92.9%</b>	<b>62.5%</b>	<b>66.7%</b>	<b>66.7%</b>
Continuing Education	1 6.7%	0 0.0%	0 0.0%	1 14.3%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>15</b>	<b>8</b>	<b>3</b>	<b>7</b>
Status Unknown	2	0	0	0
<b>Total Graduates</b>	<b>17</b>	<b>8</b>	<b>3</b>	<b>7</b>

#### Employment and Wage Indicators

**Awards:** Heating, Ventilation, Air Conditioning & Refrig (AAS)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	16	72.7%	15	\$18.48
Employment—6 months (2007-2009)	14	87.5%	14	\$20.96
Employment—2 years (2006-2008)	13	86.7%	13	\$25.45

**Awards:** Heating, Ventilation, Air Conditioning & Refrig (DIP)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	24	85.7%	21	\$21.50
Employment—6 months (2007-2009)	23	95.8%	22	\$23.57
Employment—2 years (2006-2008)	24	96.0%	23	\$28.61

# MCTC Academic Department and Program Review FY2011

## Homeland Security Specialist (HLSC)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	30	48	76	180	174
Underrepresented Students	87.5%	82.9%	84.1%	85.5%	89.7%
Students of Color	40.0%	44.7%	43.2%	36.6%	40.9%
Student FYE	4.3	11.7	15.0	28.3	28.8
Faculty FTE	0.5	1.2	1.1	1.5	1.4
Student/Faculty Ratio	9:1	10:1	14:1	18:1	20:1
Subject Cost/FYE	\$4,998	\$5,052	\$3,376	\$3,462	\$3,518
Sections Open	4	9	9	17	17
Seats Filled	43	117	150	283	288
Average Section Size	10.8	13.0	16.7	16.6	16.9
Saturation Rate	29.9%	39.8%	51.0%	56.0%	61.4%

#### Cost/FYE Comparison

Criminal Justice And Corrections	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 7,121	5,556	6,000	4,585
MnSCU Average Cost/FYE	\$ 4,041	3,894	4,207	3,313
<b>Variance from MnSCU Average</b>	<b>\$ 3,080</b>	<b>1,662</b>	<b>1,793</b>	<b>1,271</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	88.1%	85.5%	82.0%	84.5%	83.7%
Course Withdrawal Rate	2.4%	4.3%	6.7%	7.4%	9.5%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	8	9	10	17	15
Fall-to-Fall Retention Rate	87.5%	66.7%	60.0%	35.3%	53.3%
One-Year Graduation Rate	0.0%	0.0%	0.0%	0.0%	0.0%
Two-Year Graduation Rate	50.0%	11.1%	10.0%	17.6%	
Three-Year Graduation Rate	62.5%	11.1%	30.0%		
Four-Year Graduation Rate	62.5%	11.1%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Homeland Security Specialist (AAS)	0	0	3	2	7
Homeland Security Basic (CERT)	0	5	1	2	1
Homeland Security Emergency Mgmt (CERT)	0	0	2	2	1
Homeland Security Planning (CERT)	0	0	1	1	0
<b>Total Awards</b>	<b>0</b>	<b>5</b>	<b>7</b>	<b>7</b>	<b>9</b>

### Assessment of Student Learning Outcomes

This program was exempt from reporting on student learning outcomes in FY10 and FY11.

# MCTC Academic Department and Program Review FY2011

## Homeland Security Specialist (HLSC)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	No Data	No Data	0 0.0%	1 50.0%
Seeking/Available for Related Employment	No Data	No Data	2 66.7%	0 0.0%
Total In or Available for Related Employment	No Data	No Data	2	1
<b>Related Employment Rate</b>	No Data	No Data	<b>0.0%</b>	<b>100.0%</b>
Continuing Education	No Data	No Data	1 33.3%	1 50.0%
Not Seeking or Unavailable for Employment	No Data	No Data	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	No Data	No Data	<b>3</b>	<b>2</b>
Status Unknown	No Data	No Data	0	0
<b>Total Graduates</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>

Certificates	FY2007	FY2008	FY2009	FY2010
Related Employment	No Data	0 0.0%	2 66.7%	3 60.0%
Seeking/Available for Related Employment	No Data	1 20.0%	1 33.3%	0 0.0%
Total In or Available for Related Employment	No Data	1	3	3
<b>Related Employment Rate</b>	No Data	<b>0.0%</b>	<b>66.7%</b>	<b>100.0%</b>
Continuing Education	No Data	4 80.0%	0 0.0%	2 40.0%
Not Seeking or Unavailable for Employment	No Data	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	No Data	<b>5</b>	<b>3</b>	<b>5</b>
Status Unknown	No Data	0	1	0
<b>Total Graduates</b>	<b>0</b>	<b>5</b>	<b>4</b>	<b>5</b>

#### Employment and Wage Indicators

**No data are available for the following programs:**

- Homeland Security Specialist (AAS)
- Homeland Security Basic (CERT)
- Homeland Security Emergency Management (CERT)
- Homeland Security Emergency Management (CERT)

# MCTC Academic Department and Program Review FY2011

## Human Services (HSER)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	203	226	232	236	239
Underrepresented Students	89.9%	90.2%	93.4%	96.1%	95.6%
Students of Color	69.0%	69.3%	68.6%	73.9%	69.8%
Student FYE	60.7	61.2	57.6	65.6	65.4
Faculty FTE	2.8	2.7	2.5	2.7	2.9
Student/Faculty Ratio	21:1	23:1	23:1	25:1	22:1
Subject Cost/FYE	\$3,173	\$3,568	\$3,590	\$3,223	\$3,300
Sections Open	28	27	29	28	30
Seats Filled	560	602	574	653	703
Average Section Size	20.0	22.3	19.8	23.3	23.4
Saturation Rate	83.8%	86.2%	76.3%	92.2%	92.4%

#### Cost/FYE Comparison

Public Administration & Social Service	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,219	3,668	3,798	3,774
MnSCU Average Cost/FYE	\$ 4,256	4,390	4,470	3,821
<b>Variance from MnSCU Average</b>	<b>\$ -1,037</b>	<b>-722</b>	<b>-673</b>	<b>-47</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	78.9%	73.0%	79.0%	80.9%	89.3%
Course Withdrawal Rate	8.2%	11.4%	12.8%	13.7%	4.8%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	44	38	39	46	49
Fall-to-Fall Retention Rate	50.0%	47.4%	43.6%	52.2%	69.4%
One-Year Graduation Rate	0.0%	2.6%	0.0%	0.0%	0.0%
Two-Year Graduation Rate	22.7%	18.4%	7.7%	23.9%	
Three-Year Graduation Rate	29.5%	36.8%	23.1%		
Four-Year Graduation Rate	43.2%	44.7%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Human Services (AS)	31	22	23	37	40
Human Services (DIP)	7	8	9	4	5
<b>Total Awards</b>	<b>38</b>	<b>30</b>	<b>32</b>	<b>41</b>	<b>45</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>12</b>	<b>11</b>

= No Assessment Reported     
 0 =Vulnerable     
 1 =Healthy     
 2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Human Services (HSER)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	5 22.7%	3 16.7%	4 20.0%	12 34.3%
Seeking/Available for Related Employment	0 0.0%	1 5.6%	1 5.0%	6 17.1%
Total In or Available for Related Employment	5	4	5	18
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>75.0%</b>	<b>80.0%</b>	<b>66.7%</b>
Continuing Education	16 72.7%	13 72.2%	14 70.0%	16 45.7%
Not Seeking or Unavailable for Employment	1 4.5%	1 5.6%	1 5.0%	1 2.9%
<b>Total Survey Respondents</b>	<b>22</b>	<b>18</b>	<b>20</b>	<b>35</b>
Status Unknown	9	4	3	2
<b>Total Graduates</b>	<b>31</b>	<b>22</b>	<b>23</b>	<b>37</b>

Diplomas	FY2007	FY2008	FY2009	FY2010
Related Employment	3 50.0%	0 0.0%	1 14.3%	1 25.0%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	1 14.3%	0 0.0%
Total In or Available for Related Employment	3	0	2	1
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>N/A</b>	<b>50.0%</b>	<b>100.0%</b>
Continuing Education	3 50.0%	5 100.0%	5 71.4%	3 75.0%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>6</b>	<b>5</b>	<b>7</b>	<b>4</b>
Status Unknown	1	3	2	0
<b>Total Graduates</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>4</b>

#### Employment and Wage Indicators

**Awards:** Human Services (AS)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	49	66.2%	46	\$13.01
Employment—6 months (2007-2009)	44	89.8%	42	\$13.36
Employment—2 years (2006-2008)	39	83.0%	38	\$13.48

**No data are available for the following programs:**

Human Services (DIP)

# MCTC Academic Department and Program Review FY2011

## Information Technology (ITEC)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	182	217	281	370	373
Underrepresented Students	79.6%	79.0%	79.4%	74.9%	80.7%
Students of Color	35.2%	40.5%	39.2%	41.5%	40.4%
Student FYE	57.9	64.7	82.0	123.8	132.8
Faculty FTE	2.9	2.5	3.4	4.6	6.1
Student/Faculty Ratio	20:1	26:1	24:1	27:1	22:1
Subject Cost/FYE	\$4,315	\$3,380	\$3,350	\$3,401	\$3,624
Sections Open	38	35	40	54	62
Seats Filled	534	597	781	1,139	1,272
Average Section Size	14.1	17.1	19.5	21.1	20.5
Saturation Rate	56.6%	66.8%	78.4%	83.3%	76.5%

#### Cost/FYE Comparison

Computer Programming	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 5,226	4,525	4,431	2,366
MnSCU Average Cost/FYE	\$ 6,439	4,996	5,586	4,387
<b>Variance from MnSCU Average</b>	<b>\$ -1,214</b>	<b>-470</b>	<b>-1,155</b>	<b>-2,021</b>

Computer Software & Media Application	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,221	4,277	1,496	2,366
MnSCU Average Cost/FYE	\$ 4,669	4,985	4,006	3,409
<b>Variance from MnSCU Average</b>	<b>\$ -448</b>	<b>-708</b>	<b>-2,510</b>	<b>-1,044</b>

Computer Systems Networking & Telecomm	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,078	4,026	3,853	2,366
MnSCU Average Cost/FYE	\$ 5,073	5,345	4,844	4,160
<b>Variance from MnSCU Average</b>	<b>\$ -1,995</b>	<b>-1,318</b>	<b>-991</b>	<b>-1,795</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	77.7%	66.8%	66.2%	70.9%	74.4%
Course Withdrawal Rate	10.6%	15.1%	16.6%	12.6%	15.2%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	43	41	55	80	89
Fall-to-Fall Retention Rate	65.1%	43.9%	56.4%	45.0%	57.3%
One-Year Graduation Rate	2.3%	0.0%	1.8%	3.8%	4.5%
Two-Year Graduation Rate	14.0%	0.0%	20.0%	21.3%	
Three-Year Graduation Rate	23.3%	19.5%	30.9%		
Four-Year Graduation Rate	37.2%	26.8%			

# MCTC Academic Department and Program Review FY2011

## Information Technology (ITEC)

### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Computer Forensics (AAS)	0	3	1	2	3
Computer Programming (AAS)	2	0	1	0	0
Computer Support and Network Admin (AAS)	11	9	6	15	17
Software Development (AAS)	4	3	1	10	10
Computer Support & Network Admin (DIP)	1	1	1	0	1
Information Assurance Professional (DIP)	2	3	1	4	4
Cisco Network (CERT)	6	2	0	4	6
Computer Security Specialist (CERT)	6	3	0	5	6
Database Administrator (CERT)	1	2	0	0	4
Database Specialist (CERT)	2	2	2	10	9
Information Technology Fundamentals (CERT)					16
JAVA (CERT)	1	1	3	5	4
Linux Network Administrator (CERT)	6	2	1	5	4
Microsoft Network Administrator (CERT)	10	4	1	6	6
Novell Network Administration (CERT)	2	1			
Visual Basic.net Developer (CERT)	4	3	2	7	8
Visual C# Developer (CERT)	1	1	2	9	9
Web Developer (CERT)	4	0	1	8	2
Wireless Network Administrator (CERT)	0	2	0	2	1
<b>Total Awards</b>	<b>63</b>	<b>42</b>	<b>23</b>	<b>92</b>	<b>110</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>2</b>	<b>10</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving



# MCTC Academic Department and Program Review FY2011

## Information Technology (ITEC)

### Post –Award Success

#### Graduate Follow-Up Survey Results

<b>Associate Degrees</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	3 30.0%	5 38.5%	0 0.0%	11 42.3%
Seeking/Available for Related Employment	1 10.0%	0 0.0%	1 14.3%	3 11.5%
Total In or Available for Related Employment	4	5	1	14
<b>Related Employment Rate</b>	<b>75.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>78.6%</b>
Continuing Education	6 60.0%	7 53.8%	3 42.9%	10 38.5%
Not Seeking or Unavailable for Employment	0 0.0%	1 7.7%	3 42.9%	2 7.7%
<b>Total Survey Respondents</b>	<b>10</b>	<b>13</b>	<b>7</b>	<b>26</b>
Status Unknown	7	2	2	1
<b>Total Graduates</b>	<b>17</b>	<b>15</b>	<b>9</b>	<b>27</b>

<b>Diplomas</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	0 0.0%	1 25.0%	0 0.0%	1 25.0%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	1 50.0%	0 0.0%
Total In or Available for Related Employment	0	1	1	1
<b>Related Employment Rate</b>	<b>N/A</b>	<b>100.0%</b>	<b>0.0%</b>	<b>100.0%</b>
Continuing Education	2 100.0%	3 75.0%	0 0.0%	3 75.0%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	1 50.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>4</b>
Status Unknown	1	0	0	0
<b>Total Graduates</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>4</b>

<b>Certificates</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	7 20.6%	4 20.0%	0 0.0%	18 32.7%
Seeking/Available for Related Employment	3 8.8%	0 0.0%	0 0.0%	5 9.1%
Total In or Available for Related Employment	10	4	0	23
<b>Related Employment Rate</b>	<b>70.0%</b>	<b>100.0%</b>	<b>N/A</b>	<b>78.3%</b>
Continuing Education	24 70.6%	13 65.0%	9 75.0%	29 52.7%
Not Seeking or Unavailable for Employment	0 0.0%	3 15.0%	3 25.0%	3 5.5%
<b>Total Survey Respondents</b>	<b>34</b>	<b>20</b>	<b>12</b>	<b>55</b>
Status Unknown	9	2	0	6
<b>Total Graduates</b>	<b>43</b>	<b>22</b>	<b>12</b>	<b>61</b>

# MCTC Academic Department and Program Review FY2011

## Information Technology (ITEC)

### Employment and Wage Indicators

**Awards:** JAVA (CERT)  
 Visual Basic.net Developer (CERT)  
 Visual CGrads Developer (CERT)  
**Population:** MnSCU Metro-Area Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	63	76.8%	54	\$17.94
Employment—6 months (2007-2009)	62	98.4%	48	\$24.64
Employment—2 years (2006-2008)	59	90.8%	59	\$23.01

**Awards:** Cisco Network (CERT)  
 Information Technology Fundamentals (CERT)  
 Linux Network Administrator (CERT)  
 Microsoft Network Administrator (CERT)  
 Wireless Network Administrator (CERT)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	23	71.9%	23	\$16.71
Employment—6 months (2007-2009)	23	100.0%	23	\$17.78
Employment—2 years (2006-2008)	35	97.2%	35	\$19.65

**No data are available for the following programs:**

- Computer Forensics (AAS)
- Computer Support and Network Administration (AAS)
- Software Development (AAS)
- Software Development (AAS)
- Information Assurance Professional (DIP)
- Computer Security Specialist (CERT)
- Database Administrator (CERT)
- Database Specialist (CERT)
- Mobile Application Developer (CERT)

# MCTC Academic Department and Program Review FY2011

## Law Enforcement (LAWE)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	630	719	730	845	440
Underrepresented Students	72.8%	76.4%	72.0%	77.5%	87.3%
Students of Color	29.3%	32.4%	32.8%	36.2%	50.5%
Student FYE	215.5	233.3	234.8	258.7	76.8
Faculty FTE	4.0	4.0	3.8	4.4	1.1
Student/Faculty Ratio	54:1	58:1	62:1	59:1	71:1
Subject Cost/FYE	\$2,275	\$1,821	\$1,687	\$1,807	\$1,084
Sections Open	50	50	54	54	17
Seats Filled	1,578	1,730	1,740	1,981	636
Average Section Size	31.6	34.6	32.2	36.7	37.4
Saturation Rate	80.2%	87.0%	84.0%	90.2%	77.9%

#### Cost/FYE Comparison

Law Enforcement Skills Program ONLY	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,491	3,975	3,245	4,539
MnSCU Average Cost/FYE	\$ 5,327	4,600	4,150	4,475
Variance from MnSCU Average	\$ -1,836	-626	-905	65

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	94.3%	91.8%	94.0%	90.8%	73.7%
Course Withdrawal Rate	2.8%	5.8%	3.5%	5.8%	14.4%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	226	249	221	262	149
Fall-to-Fall Retention Rate	7.5%	6.8%	11.8%	3.1%	6.0%
One-Year Graduation Rate	46.5%	45.0%	49.3%	63.7%	0.0%
Two-Year Graduation Rate	52.2%	49.8%	54.8%	65.3%	
Three-Year Graduation Rate	54.4%	52.6%	56.1%		
Four-Year Graduation Rate	54.9%	53.8%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Law Enforcement (AS)	16	11	34	29	22
Law Enforcement (CERT)	205	232	211	292	9
<b>Total Awards</b>	<b>221</b>	<b>243</b>	<b>245</b>	<b>321</b>	<b>31</b>

### Assessment of Student Learning Outcomes

This program was exempt from reporting on student learning outcomes in FY10 and FY11.

# MCTC Academic Department and Program Review FY2011

## Law Enforcement (LAWE)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	11 68.8%	3 30.0%	18 60.0%	12 42.9%
Seeking/Available for Related Employment	0 0.0%	1 10.0%	5 16.7%	10 35.7%
Total In or Available for Related Employment	11	4	23	22
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>75.0%</b>	<b>78.3%</b>	<b>54.5%</b>
Continuing Education	3 18.8%	6 60.0%	6 20.0%	6 21.4%
Not Seeking or Unavailable for Employment	2 12.5%	0 0.0%	1 3.3%	0 0.0%
<b>Total Survey Respondents</b>	<b>16</b>	<b>10</b>	<b>30</b>	<b>28</b>
Status Unknown	0	1	4	1
<b>Total Graduates</b>	<b>16</b>	<b>11</b>	<b>34</b>	<b>29</b>

Certificates	FY2007	FY2008	FY2009	FY2010
Related Employment	125 69.8%	107 52.7%	75 42.1%	119 46.1%
Seeking/Available for Related Employment	23 12.8%	45 22.2%	58 32.6%	85 32.9%
Total In or Available for Related Employment	148	152	133	204
<b>Related Employment Rate</b>	<b>84.5%</b>	<b>70.4%</b>	<b>56.4%</b>	<b>58.3%</b>
Continuing Education	28 15.6%	39 19.2%	36 20.2%	46 17.8%
Not Seeking or Unavailable for Employment	3 1.7%	12 5.9%	9 5.1%	8 3.1%
<b>Total Survey Respondents</b>	<b>179</b>	<b>203</b>	<b>178</b>	<b>258</b>
Status Unknown	26	29	33	34
<b>Total Graduates</b>	<b>205</b>	<b>232</b>	<b>211</b>	<b>292</b>

#### Employment and Wage Indicators

Awards: Law Enforcement (AS)  
Population: MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	51	83.6%	47	\$17.41
Employment—6 months (2007-2009)	47	92.2%	42	\$22.04
Employment—2 years (2006-2008)	40	90.9%	37	\$22.62

# MCTC Academic Department and Program Review FY2011

## Library Information Technology (LIBT)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	33	38	53	40	42
Underrepresented Students	76.0%	81.8%	80.0%	69.0%	70.0%
Students of Color	12.5%	16.2%	17.0%	13.2%	11.9%
Student FYE	7.4	7.7	9.3	9.1	11.3
Faculty FTE	0.3	0.2	0.1	0.4	0.5
Student/Faculty Ratio	27:1	37:1	185:1	23:1	21:1
Subject Cost/FYE	\$6,255	\$4,230	\$6,768	\$6,025	\$5,226
Sections Open	9	9	10	8	9
Seats Filled	71	77	91	90	110
Average Section Size	7.9	8.6	9.1	11.3	12.2
Saturation Rate	39.4%	46.4%	46.9%	56.3%	61.1%

#### Cost/FYE Comparison

Information Science/Studies	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 3,306	2,963	2,606	No Data
MnSCU Average Cost/FYE	\$ 4,417	4,622	7,262	No Data
<b>Variance from MnSCU Average</b>	<b>\$ -1,111</b>	<b>-1,660</b>	<b>-4,656</b>	No Data

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	90.0%	77.6%	62.9%	87.6%	89.1%
Course Withdrawal Rate	7.1%	19.7%	25.8%	7.9%	9.1%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	7	6	9	12	15
Fall-to-Fall Retention Rate	100.0%	66.7%	66.7%	75.0%	60.0%
One-Year Graduation Rate	0.0%	0.0%	0.0%	0.0%	0.0%
Two-Year Graduation Rate	28.6%	16.7%	44.4%	50.0%	
Three-Year Graduation Rate	85.7%	33.3%	66.7%		
Four-Year Graduation Rate	85.7%	33.3%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Library Information Technology (AS)	4	2	5	2	8
Public Information Services (CERT)	1	1	4	7	7
Technical Information Services (CERT)	0	1	4	9	7
<b>Total Awards</b>	<b>5</b>	<b>4</b>	<b>13</b>	<b>18</b>	<b>22</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>		<b>12</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Library Information Technology (LIBT)

### Post –Award Success

#### Graduate Follow-Up Survey Results

<b>Associate Degrees</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	2 50.0%	0 0.0%	0 0.0%	1 100.0%
Seeking/Available for Related Employment	1 25.0%	0 0.0%	2 40.0%	0 0.0%
Total In or Available for Related Employment	3	0	2	1
<b>Related Employment Rate</b>	<b>66.7%</b>	<b>N/A</b>	<b>0.0%</b>	<b>100.0%</b>
Continuing Education	0 0.0%	0 0.0%	2 40.0%	0 0.0%
Not Seeking or Unavailable for Employment	1 25.0%	1 100.0%	1 20.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>1</b>
Status Unknown	0	1	0	1
<b>Total Graduates</b>	<b>4</b>	<b>2</b>	<b>5</b>	<b>2</b>

<b>Certificates</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	1 100.0%	0 0.0%	2 50.0%	8 57.1%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Total In or Available for Related Employment	1	0	2	8
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>N/A</b>	<b>100.0%</b>	<b>100.0%</b>
Continuing Education	0 0.0%	2 100.0%	2 50.0%	4 28.6%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	2 14.3%
<b>Total Survey Respondents</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>14</b>
Status Unknown	0	0	4	2
<b>Total Graduates</b>	<b>1</b>	<b>2</b>	<b>8</b>	<b>16</b>

#### Employment and Wage Indicators

**No data are available for the following programs:**

- Library Information Technology (AS)
- Public Information Services (CERT)
- Technical Information Services (CERT)
- Technical Information Services (CERT)

# MCTC Academic Department and Program Review FY2011

## Machine Tool Technology (MTTC)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	32	31	42	44	34
Underrepresented Students	95.7%	91.7%	92.1%	84.6%	84.4%
Students of Color	41.9%	55.2%	55.0%	47.6%	44.1%
Student FYE	16.7	16.0	21.7	21.2	21.0
Faculty FTE	1.3	1.2	1.3	1.2	1.2
Student/Faculty Ratio	13:1	13:1	17:1	18:1	18:1
Subject Cost/FYE	\$7,790	\$9,018	\$6,749	\$6,901	\$5,793
Sections Open	42	33	37	40	37
Seats Filled	154	155	202	201	190
Average Section Size	3.7	4.7	5.5	5.0	5.1
Saturation Rate	28.0%	23.6%	27.3%	25.1%	25.7%

#### Cost/FYE Comparison

Precision Metal Working	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 7,779	9,316	6,876	6,775
MnSCU Average Cost/FYE	\$ 7,109	6,776	6,453	6,050
<b>Variance from MnSCU Average</b>	<b>\$ 670</b>	<b>2,540</b>	<b>423</b>	<b>725</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	88.3%	78.1%	89.1%	78.1%	88.4%
Course Withdrawal Rate	5.2%	16.8%	5.9%	12.4%	5.3%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	16	8	9	8	10
Fall-to-Fall Retention Rate	50.0%	37.5%	100.0%	25.0%	80.0%
One-Year Graduation Rate	0.0%	0.0%	0.0%	12.5%	0.0%
Two-Year Graduation Rate	0.0%	12.5%	0.0%	25.0%	
Three-Year Graduation Rate	12.5%	12.5%	11.1%		
Four-Year Graduation Rate	31.3%	12.5%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Machine Tool Technologies (DIP)	3	2	4	5	6
<b>Total Awards</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>6</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>3</b>	<b>6</b>

= No Assessment Reported     
 0 =Vulnerable     
 1 =Healthy     
 2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Machine Tool Technology (MTTC)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Diplomas	FY2007	FY2008	FY2009	FY2010
Related Employment	1 33.3%	1 50.0%	3 100.0%	5 100.0%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Total In or Available for Related Employment	1	1	3	5
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>
Continuing Education	1 33.3%	1 50.0%	0 0.0%	0 0.0%
Not Seeking or Unavailable for Employment	1 33.3%	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>5</b>
Status Unknown	0	0	1	0
<b>Total Graduates</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>5</b>

#### Employment and Wage Indicators

Awards: Machine Tool Technologies (DIP)  
 Population: MnSCU Metro-Area Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	44	86.3%	44	\$18.06
Employment—6 months (2007-2009)	40	90.9%	40	\$19.46
Employment—2 years (2006-2008)	40	88.9%	40	\$19.81



# MCTC Academic Department and Program Review FY2011

## Nursing (NURS)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	516	499	458	356	319
Underrepresented Students	81.4%	79.8%	78.3%	76.8%	80.5%
Students of Color	40.4%	44.0%	45.4%	44.9%	46.8%
Student FYE	226.7	221.3	201.3	160.2	143.1
Faculty FTE	20.3	20.9	20.6	20.1	17.3
Student/Faculty Ratio	11:1	11:1	10:1	8:1	8:1
Subject Cost/FYE	\$7,666	\$8,898	\$9,564	\$11,366	\$10,427
Sections Open	142	142	127	114	93
Seats Filled	2,439	2,401	2,098	1,662	1,545
Average Section Size	17.2	16.9	16.5	14.6	16.6
Saturation Rate	89.6%	81.7%	77.6%	80.1%	83.2%

#### Cost/FYE Comparison

Nursing/Registered Nurse	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 7,872	8,159	7,921	11,680
MnSCU Average Cost/FYE	\$ 8,306	8,532	8,627	8,366
<b>Variance from MnSCU Average</b>	<b>\$ -434</b>	<b>-372</b>	<b>-706</b>	<b>3,314</b>

Licensed Practical Nurse (LPN)	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 7,389	8,450	8,480	11,556
MnSCU Average Cost/FYE	\$ 5,121	5,913	5,807	5,806
<b>Variance from MnSCU Average</b>	<b>\$ 2,268</b>	<b>2,537</b>	<b>2,672</b>	<b>5,750</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	88.8%	90.1%	90.0%	90.6%	89.1%
Course Withdrawal Rate	3.6%	3.4%	2.3%	2.8%	2.6%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	93	89	72	51	60
Fall-to-Fall Retention Rate	88.2%	88.8%	94.4%	90.2%	90.0%
One-Year Graduation Rate	18.3%	23.6%	43.1%	33.3%	3.3%
Two-Year Graduation Rate	68.8%	75.3%	84.7%	62.7%	
Three-Year Graduation Rate	83.9%	82.0%	88.9%		
Four-Year Graduation Rate	84.9%	83.1%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Nursing (AS)	129	137	145	117	87
Practical Nursing (DIP)	87	86	84	83	53
<b>Total Awards</b>	<b>216</b>	<b>223</b>	<b>229</b>	<b>200</b>	<b>140</b>

# MCTC Academic Department and Program Review FY2011

## Nursing (NURS)

### Assessment of Student Learning Outcomes

This program was exempt from reporting on student learning outcomes in FY10 and FY11.

### Post –Award Success

#### Graduate Follow-Up Survey Results

<b>Associate Degrees</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	101 82.8%	70 61.9%	84 73.7%	65 65.7%
Seeking/Available for Related Employment	0 0.0%	8 7.1%	4 3.5%	11 11.1%
Total In or Available for Related Employment	101	78	88	76
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>89.7%</b>	<b>95.5%</b>	<b>85.5%</b>
Continuing Education	20 16.4%	33 29.2%	21 18.4%	23 23.2%
Not Seeking or Unavailable for Employment	1 0.8%	2 1.8%	5 4.4%	0 0.0%
<b>Total Survey Respondents</b>	<b>122</b>	<b>113</b>	<b>114</b>	<b>99</b>
Status Unknown	7	24	31	18
<b>Total Graduates</b>	<b>129</b>	<b>137</b>	<b>145</b>	<b>117</b>

<b>Diplomas</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	0 0.0%	1 1.2%	23 29.9%	22 27.2%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	6 7.8%	19 23.5%
Total In or Available for Related Employment	0	1	29	41
<b>Related Employment Rate</b>	<b>N/A</b>	<b>100.0%</b>	<b>79.3%</b>	<b>53.7%</b>
Continuing Education	86 100.0%	84 98.8%	46 59.7%	38 46.9%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	2 2.6%	2 2.5%
<b>Total Survey Respondents</b>	<b>86</b>	<b>85</b>	<b>77</b>	<b>81</b>
Status Unknown	0	1	7	2
<b>Total Graduates</b>	<b>86</b>	<b>86</b>	<b>84</b>	<b>83</b>

# MCTC Academic Department and Program Review FY2011

## Nursing (NURS)

### Employment and Wage Indicators

**Awards:** Nursing (AS)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	367	89.5%	356	\$26.49
Employment—6 months (2007-2009)	356	97.0%	340	\$27.99
Employment—2 years (2006-2008)	333	92.2%	314	\$31.57

**Awards:** Practical Nursing (DIP)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	222	87.1%	207	\$17.40
Employment—6 months (2007-2009)	214	96.4%	202	\$20.23
Employment—2 years (2006-2008)	192	90.6%	184	\$26.75

# MCTC Academic Department and Program Review FY2011

## Nursing Assistant/Home Health Aide (NAHA)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	559	513	480	463	447
Underrepresented Students	90.1%	86.9%	84.4%	88.4%	92.8%
Students of Color	61.9%	50.4%	50.5%	56.3%	62.0%
Student FYE	83.6	84.4	82.3	77.7	76.2
Faculty FTE	5.0	5.3	5.7	5.1	5.0
Student/Faculty Ratio	17:1	16:1	15:1	15:1	15:1
Subject Cost/FYE	\$4,830	\$5,687	\$6,513	\$5,799	\$6,279
Sections Open	32	29	32	28	31
Seats Filled	586	533	500	483	473
Average Section Size	18.3	18.4	15.6	17.3	15.3
Saturation Rate	88.0%	87.4%	81.8%	86.3%	80.2%

#### Cost/FYE Comparison

Nursing Assistant/Aide	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 5,057	5,710	5,952	6,974
MnSCU Average Cost/FYE	\$ 4,836	5,081	4,819	5,252
Variance from MnSCU Average	\$ 221	629	1,134	1,722

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	87.9%	87.4%	86.2%	84.6%	82.4%
Course Withdrawal Rate	6.1%	6.4%	8.6%	10.6%	14.4%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	64	193	262	238	260
Fall-to-Fall Retention Rate					
One-Year Graduation Rate	82.8%	78.2%	88.9%	88.2%	86.2%
Two-Year Graduation Rate	82.8%	78.8%	88.9%	88.2%	
Three-Year Graduation Rate	82.8%	78.8%	89.7%		
Four-Year Graduation Rate	82.8%	78.8%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Ext. Nursing Asst//Home Health Aide (CERT)	82	31	20	0	0
Nursing Assistant/Home Health Aide (CERT)	380	279	375	370	349
<b>Total Awards</b>	<b>462</b>	<b>310</b>	<b>395</b>	<b>370</b>	<b>349</b>

### Assessment of Student Learning Outcomes

This program was exempt from reporting on student learning outcomes in FY10 and FY11.

# MCTC Academic Department and Program Review FY2011

## Nursing Assistant/Home Health Aide (NAHA)

### Post –Award Success

#### Graduate Follow-Up Survey Results

<b>Certificates</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	34 8.9%	18 7.1%	15 11.7%	24 7.3%
Seeking/Available for Related Employment	11 2.9%	11 4.3%	8 6.3%	31 9.5%
Total In or Available for Related Employment	45	29	23	55
<b>Related Employment Rate</b>	<b>75.6%</b>	<b>62.1%</b>	<b>65.2%</b>	<b>43.6%</b>
Continuing Education	329 86.1%	212 83.8%	96 75.0%	255 78.0%
Not Seeking or Unavailable for Employment	8 2.1%	12 4.7%	9 7.0%	17 5.2%
<b>Total Survey Respondents</b>	<b>382</b>	<b>253</b>	<b>128</b>	<b>327</b>
Status Unknown	80	56	267	43
<b>Total Graduates</b>	<b>462</b>	<b>309</b>	<b>395</b>	<b>370</b>

#### Employment and Wage Indicators

**Awards:** Extended Nursing Assistant/Home Health Aide (CERT)  
Nursing Assistant/Home Health Aide (CERT)

**Population:** MCTC Program Graduates

	<b>Employment</b>		<b>Median Wage</b>	
	<b>Grads</b>	<b>%</b>	<b>Grads</b>	<b>\$</b>
Initial employment (2007-2009)	863	76.3%	808	\$12.15
Employment—6 months (2007-2009)	785	91.0%	730	\$12.80
Employment—2 years (2006-2008)	701	83.7%	660	\$13.81

# MCTC Academic Department and Program Review FY2011

## Phlebotomy (PHLE)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	24	24	26	22	17
Underrepresented Students	90.0%	95.2%	90.9%	82.6%	82.4%
Students of Color	56.5%	75.0%	64.0%	63.6%	37.5%
Student FYE	4.7	4.4	4.1	3.2	2.9
Faculty FTE	0.3	0.3	0.2	0.1	0.1
Student/Faculty Ratio	18:1	16:1	24:1	32:1	29:1
Subject Cost/FYE	\$1,757	\$1,970	\$2,783	\$2,038	\$2,251
Sections Open	3	3	3	3	2
Seats Filled	39	36	33	25	23
Average Section Size	13.0	12.0	11.0	8.3	11.5
Saturation Rate	66.1%	65.5%	57.9%	54.3%	54.8%

#### Cost/FYE Comparison

Clinical/Medical Lab Science	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 1,775	2,167	No Data	2,038
MnSCU Average Cost/FYE	\$ 6,367	7,549	No Data	6,932
Variance from MnSCU Average	\$ -4,592	-5,382	No Data	-4,894

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	66.7%	83.3%	66.7%	60.0%	65.2%
Course Withdrawal Rate	28.2%	16.7%	15.2%	32.0%	17.4%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	15	12	7	3	6
Fall-to-Fall Retention Rate	0.0%	0.0%	0.0%	0.0%	0.0%
One-Year Graduation Rate	0.0%	8.3%	71.4%	66.7%	100.0%
Two-Year Graduation Rate	0.0%	16.7%	85.7%	66.7%	
Three-Year Graduation Rate	0.0%	25.0%	85.7%		
Four-Year Graduation Rate	0.0%	25.0%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Phlebotomy (CERT)		0	5	7	8
<b>Total Awards</b>		<b>0</b>	<b>5</b>	<b>7</b>	<b>8</b>

### Assessment of Student Learning Outcomes

This program was exempt from reporting on student learning outcomes in FY10 and FY11.

# MCTC Academic Department and Program Review FY2011

## Phlebotomy (PHLE)

### Post –Award Success

#### Graduate Follow-Up Survey Results

<b>Certificates</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment		No Data	0 0.0%	2 28.6%
Seeking/Available for Related Employment		No Data	1 25.0%	1 14.3%
Total In or Available for Related Employment		No Data	1	3
<b>Related Employment Rate</b>		No Data	<b>0.0%</b>	<b>66.7%</b>
Continuing Education		No Data	3 75.0%	4 57.1%
Not Seeking or Unavailable for Employment		No Data	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>		No Data	<b>4</b>	<b>7</b>
Status Unknown		No Data	1	0
<b>Total Graduates</b>		<b>0</b>	<b>5</b>	<b>7</b>

#### Employment and Wage Indicators

No data are available for the following programs:  
Phlebotomy (CERT)

# MCTC Academic Department and Program Review FY2011

## Photography and Digital Imaging (PHDI)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	129	166	187	193	176
Underrepresented Students	79.5%	70.7%	64.3%	72.3%	83.3%
Students of Color	20.6%	23.6%	22.8%	28.0%	28.9%
Student FYE	38.5	50.1	52.1	51.7	51.5
Faculty FTE	1.7	1.8	1.9	2.0	2.1
Student/Faculty Ratio	23:1	28:1	27:1	26:1	24:1
Subject Cost/FYE	\$4,175	\$4,597	\$3,493	\$4,255	\$3,715
Sections Open	28	29	32	32	34
Seats Filled	435	570	600	609	600
Average Section Size	15.5	19.7	18.8	19.0	17.6
Saturation Rate	70.4%	91.2%	82.8%	83.4%	79.4%

#### Cost/FYE Comparison

Commercial Photography	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,559	No Data	No Data	No Data
MnSCU Average Cost/FYE	\$ 5,194	No Data	No Data	No Data
<b>Variance from MnSCU Average</b>	<b>\$ -635</b>	No Data	No Data	No Data

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	89.1%	86.2%	86.5%	85.9%	84.4%
Course Withdrawal Rate	7.0%	8.2%	7.0%	7.4%	8.7%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	36	41	44	32	32
Fall-to-Fall Retention Rate	58.3%	58.5%	47.7%	68.8%	40.6%
One-Year Graduation Rate	0.0%	0.0%	0.0%	0.0%	0.0%
Two-Year Graduation Rate	13.9%	19.5%	13.6%	18.8%	
Three-Year Graduation Rate	33.3%	26.8%	27.3%		
Four-Year Graduation Rate	33.3%	31.7%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Photography and Digital Imaging (AAS)	12	18	14	18	19
Photography and Digital Imaging (DIP)	0	0	0	0	2
Photography (CERT)	1	2	2	4	1
<b>Total Awards</b>	<b>13</b>	<b>20</b>	<b>16</b>	<b>22</b>	<b>22</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>11</b>	<b>6</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving



# MCTC Academic Department and Program Review FY2011

## Photography and Digital Imaging (PHDI)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	4 44.4%	9 60.0%	9 81.8%	9 50.0%
Seeking/Available for Related Employment	0 0.0%	2 13.3%	0 0.0%	1 5.6%
Total In or Available for Related Employment	4	11	9	10
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>81.8%</b>	<b>100.0%</b>	<b>90.0%</b>
Continuing Education	5 55.6%	1 6.7%	1 9.1%	6 33.3%
Not Seeking or Unavailable for Employment	0 0.0%	3 20.0%	1 9.1%	2 11.1%
<b>Total Survey Respondents</b>	<b>9</b>	<b>15</b>	<b>11</b>	<b>18</b>
Status Unknown	3	3	3	0
<b>Total Graduates</b>	<b>12</b>	<b>18</b>	<b>14</b>	<b>18</b>

Certificates	FY2007	FY2008	FY2009	FY2010
Related Employment	1 100.0%	1 50.0%	1 50.0%	1 25.0%
Seeking/Available for Related Employment	0 0.0%	1 50.0%	0 0.0%	2 50.0%
Total In or Available for Related Employment	1	2	1	3
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>50.0%</b>	<b>100.0%</b>	<b>33.3%</b>
Continuing Education	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	1 50.0%	1 25.0%
<b>Total Survey Respondents</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>4</b>
Status Unknown	0	0	0	0
<b>Total Graduates</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>4</b>

#### Employment and Wage Indicators

Awards: Photography and Digital Imaging (AAS)  
Population: MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	31	70.5%	31	\$11.92
Employment—6 months (2007-2009)	29	93.5%	28	\$12.54
Employment—2 years (2006-2008)	28	82.4%	28	\$13.29

**No data are available for the following programs:**

Photography and Digital Imaging (DIP)  
Photography (CERT)

# MCTC Academic Department and Program Review FY2011

## Polysomnographic Technology (PSOM)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	44	38	36	41	42
Underrepresented Students	71.8%	72.7%	80.0%	83.3%	77.5%
Students of Color	34.1%	32.4%	31.4%	41.5%	45.2%
Student FYE	18.5	17.0	11.2	11.8	15.2
Faculty FTE	1.6	1.5	1.3	1.0	1.2
Student/Faculty Ratio	11:1	11:1	9:1	11:1	13:1
Subject Cost/FYE	\$7,910	\$6,852	\$8,760	\$7,070	\$5,878
Sections Open	18	15	11	11	11
Seats Filled	170	146	103	112	139
Average Section Size	9.4	9.7	9.4	10.2	12.6
Saturation Rate	57.0%	51.6%	39.0%	49.1%	64.4%

#### Cost/FYE Comparison

Allied Health Diag Interv TrtmntOthr	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 8,596	6,362	11,947	8,872
MnSCU Average Cost/FYE	\$ 8,596	6,362	11,947	8,872
<b>Variance from MnSCU Average</b>	<b>\$ 0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Nursing/Registered Nurse	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 7,872	8,159	7,921	11,680
MnSCU Average Cost/FYE	\$ 8,306	8,532	8,627	8,366
<b>Variance from MnSCU Average</b>	<b>\$ -434</b>	<b>-372</b>	<b>-706</b>	<b>3,314</b>

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	89.4%	89.8%	90.3%	84.8%	87.1%
Course Withdrawal Rate	4.1%	3.4%	7.8%	6.3%	7.2%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	14	8	9	9	9
Fall-to-Fall Retention Rate	78.6%	50.0%	77.8%	77.8%	55.6%
One-Year Graduation Rate	0.0%	0.0%	11.1%	0.0%	0.0%
Two-Year Graduation Rate	57.1%	37.5%	44.4%	77.8%	
Three-Year Graduation Rate	71.4%	50.0%	44.4%		
Four-Year Graduation Rate	71.4%	50.0%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Polysomnographic Technology (AAS)	8	12	7	6	9
<b>Total Awards</b>	<b>8</b>	<b>12</b>	<b>7</b>	<b>6</b>	<b>9</b>

# MCTC Academic Department and Program Review FY2011

## Polysomnographic Technology (PSOM)

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>10</b>	<b>12</b>

= No Assessment Reported     
  =Vulnerable     
  =Healthy     
  =Thriving

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	7 87.5%	7 87.5%	7 100.0%	2 100.0%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Total In or Available for Related Employment	7	7	7	2
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>
Continuing Education	1 12.5%	1 12.5%	0 0.0%	0 0.0%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>2</b>
Status Unknown	0	4	0	4
<b>Total Graduates</b>	<b>8</b>	<b>12</b>	<b>7</b>	<b>6</b>

#### Employment and Wage Indicators

**Awards:** Polysomnographic Technology (AAS)  
**Population:** MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	22	81.5%	17	\$23.83
Employment—6 months (2007-2009)	22	100.0%	20	\$25.63
Employment—2 years (2006-2008)	16	100.0%	13	\$26.21

# MCTC Academic Department and Program Review FY2011

## Sound Arts (SNDA)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	66	82	78	77	77
Underrepresented Students	63.3%	63.8%	61.8%	69.8%	72.3%
Students of Color	23.1%	19.0%	18.4%	21.3%	28.0%
Student FYE	16.7	18.7	18.6	17.5	14.7
Faculty FTE	1.3	1.2	1.3	1.4	1.2
Student/Faculty Ratio	13:1	15:1	15:1	13:1	12:1
Subject Cost/FYE	\$7,228	\$6,823	\$7,475	\$8,782	\$10,680
Sections Open	12	13	13	13	13
Seats Filled	162	182	180	169	145
Average Section Size	13.5	14.0	13.8	13.0	11.2
Saturation Rate	79.4%	82.4%	81.4%	76.5%	65.6%

#### Cost/FYE Comparison

Film/Video And Photographic Arts	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 4,993	5,086	5,788	6,525
MnSCU Average Cost/FYE	\$ 4,715	5,390	4,721	4,632
Variance from MnSCU Average	\$ 278	-304	1,067	1,893

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	90.7%	80.1%	78.9%	74.6%	71.7%
Course Withdrawal Rate	3.1%	8.3%	3.9%	4.1%	17.2%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	15	19	18	11	19
Fall-to-Fall Retention Rate	66.7%	63.2%	61.1%	45.5%	63.2%
One-Year Graduation Rate	0.0%	0.0%	0%	0.0%	0.0%
Two-Year Graduation Rate	0.0%	5.3%	5.6%	0.0%	
Three-Year Graduation Rate	13.3%	36.8%	16.7%		
Four-Year Graduation Rate	20.0%	36.8%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Sound Arts (AS)	10	12	9	13	10
<b>Total Awards</b>	<b>10</b>	<b>12</b>	<b>9</b>	<b>13</b>	<b>10</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>6</b>	<b>6</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Sound Arts (SNDA)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	1 20.0%	4 66.7%	3 37.5%	5 38.5%
Seeking/Available for Related Employment	2 40.0%	1 16.7%	1 12.5%	2 15.4%
Total In or Available for Related Employment	3	5	4	7
<b>Related Employment Rate</b>	<b>33.3%</b>	<b>80.0%</b>	<b>75.0%</b>	<b>71.4%</b>
Continuing Education	2 40.0%	1 16.7%	1 12.5%	5 38.5%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	3 37.5%	1 7.7%
<b>Total Survey Respondents</b>	<b>5</b>	<b>6</b>	<b>8</b>	<b>13</b>
Status Unknown	5	6	1	0
<b>Total Graduates</b>	<b>10</b>	<b>12</b>	<b>9</b>	<b>13</b>

#### Employment and Wage Indicators

Awards: Sound Arts (AS)  
Population: MCTC Program Graduates

	Employment		Median Wage	
	Grads	%	Grads	\$
Initial employment (2007-2009)	26	86.7%	22	\$14.59
Employment—6 months (2007-2009)	22	84.6%	20	\$15.24
Employment—2 years (2006-2008)	16	94.1%	15	\$17.74

# MCTC Academic Department and Program Review FY2011

## Welding and Metal Fabrication (WELD)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	19	16	44	63	57
Underrepresented Students	91.7%	78.6%	84.0%	63.3%	76.9%
Students of Color	44.4%	25.0%	27.6%	23.5%	31.3%
Student FYE	7.8	7.4	21.2	24.6	20.5
Faculty FTE	0.8	0.7	0.9	2.0	0.8
Student/Faculty Ratio	10:1	10:1	23:1	12:1	25:1
Subject Cost/FYE	\$10,213	\$8,544	\$4,373	\$6,664	\$6,431
Sections Open	10	10	11	12	12
Seats Filled	84	81	235	268	223
Average Section Size	8.4	8.1	21.4	22.3	18.6
Saturation Rate	36.5%	40.1%	100.4%	96.4%	76.9%

#### Cost/FYE Comparison

Welding Technology/Welder	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ 10,217	9,006	3,990	3,235
MnSCU Average Cost/FYE	\$ 5,102	5,030	4,497	4,485
Variance from MnSCU Average	\$ 5,115	3,976	-506	-1,249

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	79.8%	80.2%	86.4%	89.6%	76.2%
Course Withdrawal Rate	4.8%	11.1%	1.3%	4.1%	12.6%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	11	8	19	22	17
Fall-to-Fall Retention Rate	9.1%	0.0%	5.3%	13.6%	11.8%
One-Year Graduation Rate	27.3%	25.0%	57.9%	45.5%	41.2%
Two-Year Graduation Rate	27.3%	37.5%	63.2%	54.5%	
Three-Year Graduation Rate	27.3%	37.5%	68.4%		
Four-Year Graduation Rate	27.3%	37.5%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Welding and Metal Fabrication (CERT)	6	2	13	15	11
<b>Total Awards</b>	<b>6</b>	<b>2</b>	<b>13</b>	<b>15</b>	<b>11</b>

### Assessment of Student Learning Outcomes

	FY2010	FY2011
Student Learning Outcomes Defined		
Assignment/Task		
Standards and Tracking		
Student Mastery		
Analysis of Results		
Plan for Action		
<b>Overall Score</b>	<b>8</b>	<b>10</b>

= No Assessment Reported

0 =Vulnerable

1 =Healthy

2 =Thriving

# MCTC Academic Department and Program Review FY2011

## Welding and Metal Fabrication (WELD)

### Post –Award Success

#### Graduate Follow-Up Survey Results

<b>Certificates</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>
Related Employment	1 25.0%	1 100.0%	1 9.1%	7 58.3%
Seeking/Available for Related Employment	0 0.0%	0 0.0%	3 27.3%	2 16.7%
Total In or Available for Related Employment	1	1	4	9
<b>Related Employment Rate</b>	<b>100.0%</b>	<b>100.0%</b>	<b>25.0%</b>	<b>77.8%</b>
Continuing Education	3 75.0%	0 0.0%	7 63.6%	2 16.7%
Not Seeking or Unavailable for Employment	0 0.0%	0 0.0%	0 0.0%	1 8.3%
<b>Total Survey Respondents</b>	<b>4</b>	<b>1</b>	<b>11</b>	<b>12</b>
Status Unknown	2	1	2	3
<b>Total Graduates</b>	<b>6</b>	<b>2</b>	<b>13</b>	<b>15</b>

#### Employment and Wage Indicators

**No data are available for the following programs:**  
Welding and Metal Fabrication (CERT)

# MCTC Academic Department and Program Review FY2011

## Western Clinical Herbalism (HERB)

### Subject Area Performance

#### Enrollment & Efficiency

	FY2007	FY2008	FY2009	FY2010	FY2011
Unduplicated Headcount	95	105	149	87	49
Underrepresented Students	75.7%	79.5%	66.9%	76.4%	81.4%
Students of Color	19.8%	24.5%	18.9%	27.4%	22.9%
Student FYE	14.4	19.4	22.0	16.6	7.0
Faculty FTE	0.5	1.1	1.4	1.1	0.7
Student/Faculty Ratio	27:1	17:1	15:1	15:1	11:1
Subject Cost/FYE	\$2,651	\$3,016	\$3,551	\$3,287	\$4,634
Sections Open	5	14	16	11	9
Seats Filled	138	169	217	155	84
Average Section Size	27.6	12.1	13.6	14.1	9.3
Saturation Rate	76.7%	39.9%	45.1%	46.1%	35.6%

#### Cost/FYE Comparison

Energy & Biologically Based Therapy	FY2007	FY2008	FY2009	FY2010
MCTC Cost/FYE	\$ No Data	4,152	3,687	3,284
MnSCU Average Cost/FYE	\$ No Data	4,152	3,687	3,284
Variance from MnSCU Average	\$ No Data	0	0	0

### Student Success

#### Course-Level Success

	FY2007	FY2008	FY2009	FY2010	FY2011
Course Success Rate	73.5%	81.0%	72.4%	73.5%	85.7%
Course Withdrawal Rate	14.0%	14.3%	20.7%	12.3%	9.5%

#### Program Retention & Graduation

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Cohort N	21	20	14	5	0
Fall-to-Fall Retention Rate	33.3%	50.0%	21.4%	20.0%	
One-Year Graduation Rate	0.0%	0.0%	0%	0.0%	
Two-Year Graduation Rate	0.0%	0.0%	0%	20.0%	
Three-Year Graduation Rate	9.5%	25.0%	0%		
Four-Year Graduation Rate	19.0%	35.0%			

#### Awards Detail

	FY2007	FY2008	FY2009	FY2010	FY2011
Western Clinical Herbalism (AAS)	0	0	4	5	13
<b>Total Awards</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>5</b>	<b>13</b>

### Assessment of Student Learning Outcomes

This program was exempt from reporting on student learning outcomes in FY10 and FY11.



# MCTC Academic Department and Program Review FY2011

## Western Clinical Herbalism (HERB)

### Post –Award Success

#### Graduate Follow-Up Survey Results

Associate Degrees	FY2007	FY2008	FY2009	FY2010
Related Employment	No Data	No Data	0 0.0%	2 40.0%
Seeking/Available for Related Employment	No Data	No Data	0 0.0%	2 40.0%
Total In or Available for Related Employment	No Data	No Data	0	4
<b>Related Employment Rate</b>	No Data	No Data	<b>N/A</b>	<b>50.0%</b>
Continuing Education	No Data	No Data	3 100.0%	1 20.0%
Not Seeking or Unavailable for Employment	No Data	No Data	0 0.0%	0 0.0%
<b>Total Survey Respondents</b>	No Data	No Data	<b>3</b>	<b>5</b>
Status Unknown	No Data	No Data	1	0
<b>Total Graduates</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>5</b>

#### Employment and Wage Indicators

**No data are available for the following programs:**  
Western Clinical Herbalism (AAS)

