

# COMMUNITY COLLEGE GAP ASSISTANCE PROGRAM

2022-23 Annual Report

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# Introduction

The Community College Gap Assistance program was established by the Nebraska Legislature in 2015 to address identified skilled workforce shortages and an identified affordability and workforce preparation "gap." The program provides financial aid to low-income community college students enrolled in credit or non-credit programs of study that prepare them for jobs in high-need fields but are not eligible for Pell or state Nebraska Opportunity Grants, which serve only students enrolled in for-credit courses leading to certificates or degrees.

With the passage of LB 528 (2021), eligible institutions were expanded to include accredited, not-forprofit, two-year postsecondary institutions with a physical presence in Nebraska. References to community colleges in this report include these institutions.

### STUDENT ELIGIBILITY

Pursuant to Neb. Rev. Stat. § 85-2003, to be eligible for community college Gap Assistance, an applicant:

- a) Shall have a family income which is at or below two hundred fifty percent of the U.S. Department of Health and Human Services income poverty guidelines; and
- b) Shall be a resident of Nebraska as provided in Neb. Rev. Stat. § 85-502.

Applicants must complete an initial assessment, administered by their community colleges in accordance with Neb. Rev. Stat. § 85-2007, to determine the applicants' readiness to complete a Gap Assistance program of study. The community colleges shall make the determination of readiness based on:

- a) The ability to be accepted into and complete a Gap program of study;
- b) The ability to be accepted into and complete a postsecondary certificate, diploma, or degree program for credit;
- c) The ability to obtain full-time employment; and
- d) The ability to maintain full-time employment over time.

# ELIGIBLE STUDENT COSTS

Pursuant to Neb. Rev. Stat. § 85-2006 eligible student costs include, but are not limited to:

- a) Tuition;
- b) Direct training costs;
- c) Required books and equipment; and
- d) Fees, including, but not limited to, fees for industry testing services and background check services.

### ELIGIBLE COMMUNITY COLLEGE COSTS

Pursuant to Neb. Rev. Stat. § 85-2009 (amended by LB 528 (2021)), community colleges may use up to ten (10) percent of their allocation to assist in defraying the costs of direct staff support services, including, but not limited to, marketing, outreach, applications, interviews, and assessments.

### ELIGIBLE PROGRAMS

A Gap Assistance program of study means a program offered by a community college that (a) either (i) is not offered for credit and has a duration of not less than sixteen contact hours in length, or (ii) is offered for credit but is of insufficient clock, semester, or quarter hours to be eligible for Federal Pell Grants, and (b) does any of the following:

- Offers a state, national, or locally recognized certificate;
- Offers preparation for a professional examination or licensure;
- Provides endorsement for an existing credential or license;
- Represents recognized skill standards defined by an industrial sector; or
- Offers similar credential or training.

A Gap Assistance program of study offered by a community college must also be aligned with training programs with stackable credentials that lead to a program awarding either college credit, an associate's degree, a diploma, or a certificate in an in-demand occupation. The aligned training program must be for credit.

In-demand occupations must be in one of the following areas:

- Financial services;
- Transportation, warehousing, and distribution logistics;
- Precision metals manufacturing;
- Biosciences;
- Renewable energy;
- Agriculture and food processing;
- Business management and administrative services;
- Software and computer services;
- Research, development, and engineering services;
- Health services;
- Hospitality and tourism;
- Construction;
- Education (committee designated July 2020); and
- Any other industry designated as an in-demand occupation by the committee.

### GAP ASSISTANCE FUNDING

As required by Neb. Rev. Stat. § 9-812[5][c], funding for the Gap Assistance program is provided through a quarterly transfer of 9% from the Education Improvement fund, which receives 44.5% of lottery proceeds. The first transfer to the Gap Assistance program took place in October 2016, with the first transfer to the community colleges occurring shortly after.

### GAP ASSISTANCE REPORTING

The Nebraska Community College Student Performance and Occupational Education Grant Committee provides direction for the Gap Assistance program, and the Coordinating Commission for Postsecondary Education administers the program. At the direction of the committee, community colleges are required to report basic demographic, program, and employment data for each participant to gauge the effectiveness of the Gap Assistance program.

# Summary

The seventh year of the Gap Assistance program shows an increase in both applications and participants accepted into the program. Southeast Community College led the way with 33% of the total number of approved participants in 2022-23 followed by Metropolitan Community College with 25%.

### Cumulative Statistics (2016-17 through 2022-23)

Training Status (as of fiscal year end)	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Cumulative
Number of Completed Applications	144	184	265	208	458	366	508	2,133
Number of Approved Participants	127	170	238	197	433	348	489	2,002

Training Status (as of June 30, 2023)	<u>ccc</u>	<u>MCC</u>	<u>MPCC</u>	<u>NECC</u>	<u>scc</u>	<u>WNCC</u>	<u>Total</u>
Number of Completed Applications	319	767	211	246	452	138	2,133
Number of Approved Participants	285	766	161	231	430	129	2,002
As of June 30, 2023							
Total Allocation	\$1,220,190	\$3,680,108	\$338,608	\$641,805	\$1,651,387	\$349,361	\$7,881,459
Remaining Balance	\$262,600	\$669,654	-\$9,184	\$302,155	\$570,291	\$105,011	\$1,900,527

As of August 8, 2023, there were 336 approved programs in the 13 in-demand occupational areas eligible for Gap Assistance funding [See Appendix A]. Health services and transportation, warehousing, and distribution logistics were the most utilized programs in FY2022-23 followed by software and computer services programs. [See Table 5 for FY2022-23 figures and Table 13 for cumulative figures.]

Of the 489 approved participants in the Gap Assistance program during FY2022-23, 205 (41.9%) were male and 284 (58.1%) were female compared to FY2021-22 when 45.7% were male and 54.3% were female. Those that took the greatest advantage of the program in its seventh year were males aged 31-35 and females aged 26-30. [See Table 7 for FY2022-23 figures and Table 15 for cumulative figures.]

The top in-demand fields for male participants during FY2022-23 were transportation, warehousing, and distribution logistics. The top in-demand field for female participants for the seventh year in a row was health services. [See Table 8 for FY2022-23 figures and Table 16 for cumulative figures.]

Of the \$1,411,950 in direct costs and administrative expenses incurred by the community colleges during FY2022-23, 89% was used for tuition, 3% was used for books and equipment, 1% was used for fees, and 7% for administrative expenses. This compares with the first year of the program when \$311,379 of costs were incurred and 56% was used for tuition, 12% was used for books and equipment, 1% was used for fees, and 31% for administrative expenses.



# **Table 1: Gap Assistance Program Summary** All Community Colleges - 2022-23

Fiscal Year Budget					
Carry Forward from Prior Fiscal Year					\$2,629,987
Current Year Allocation					\$682,490
Total Available for Current Fiscal Year					\$3,312,477
Community College Line Item Expenses	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Year End Total
Direct Costs:					

Tuition	\$155,376	\$403,348	\$364,428	\$332,914	\$1,256,066
Direct training costs	\$0	\$231	\$343	\$1,777	\$2,351
Required books and equipment	\$8,251	\$2,069	\$16,223	\$11,250	\$37,793
Fees	\$1,658	\$2,917	\$2,374	\$565	\$7,514
Subtotal	\$165,285	\$408,565	\$383,368	\$346,506	\$1,303,724
Administrative Costs:					
Staff support/admin	\$19,873	\$24,125	\$30,652	\$33,576	\$108,226
Total	\$185,158	\$432,690	\$414,020	\$380,082	\$1,411,950
Carried Forward to Next Fiscal Year					\$1,900,527

Training Status	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Year End *
Number of Completed Applications	133	81	164	130	508
Number of Approved Participants	132	77	158	122	489
Status of Approved Participants					
Waiting to Participate	8	19	28	5	20
Enrolled, not completed	101	52	114	73	143
Completed Training	61	73	64	99	297
Completion Rate (cumulative)	73%	70%	68%	85%	74%
Did Not Complete Training	23	32	30	18	103

* As of June 30, 2023	

Employment Status	Year End Total
New Employment within their Field	69
Retained Employment	47
Unemployed but Continuing Further Education	18
Looking for Work/Unemployed	36
Deceased	0
No Response/Unable to Contact	127
Overall Employment Rate of Respondents *	76%
Overall New Employment Rate of Respondents *	45%

\* Employment rate based on program completers who responded to survey attempts and are not continuing with further education. Actual employment rates may be higher or lower than indicated in the table.

by College - 2022-23									
College	Fiscal Year Allocation	Available Funds *	Total Expenditures	Completed Applications	Approved Participants				
Central Community College	\$200,161	\$385,978	\$123,378	48	47				
Metropolitan Community College	\$469,537	\$1,214,610	\$544,956	120	120				
Mid-Plains Community College	\$12,792	\$133,010	\$142,194	79	72				
Northeast Community College	\$0	\$375,794	\$73,639	41	38				
Southeast Community College	\$0	\$1,009,544	\$439,253	165	160				
Western Nebraska Community College	\$0	\$193,541	\$88,530	55	52				
Total	\$682 <i>,</i> 490	\$3,312,477	\$1,411,950	508	489				

# Table 2: Gap Assistance Program Summary

\*Available funds include unspent funds from prior fiscal years.

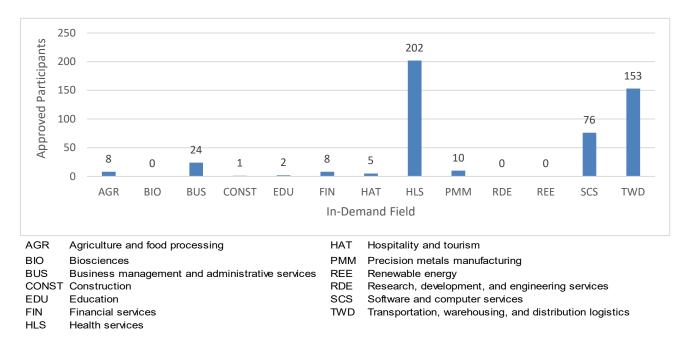
# Table 3: Gap Assistance Program Expenditures by College - 2022-23

		Direct Training	Books and		Staff Support &
College	Tuition	Costs	Equipment	Fees	Admin.
Central Community College	\$123,378	\$0	\$0	\$0	\$0
Metropolitan Community College	\$498,002	\$0	\$0	\$0	\$46,954
Mid-Plains Community College	\$123,279	\$0	\$4,678	\$5,025	\$9,212
Northeast Community College	\$39,271	\$0	\$3 <i>,</i> 336	\$2,489	\$28,543
Southeast Community College	\$387,213	\$0	\$28,523	\$0	\$23,517
Western Nebraska Community College	\$84,923	\$2,351	\$1,256	\$0	\$0
Total	\$1,256,066	\$2,351	\$37,793	\$7,514	\$108,226

# Table 4: Gap Assistance Program Completersby College - 2022-23

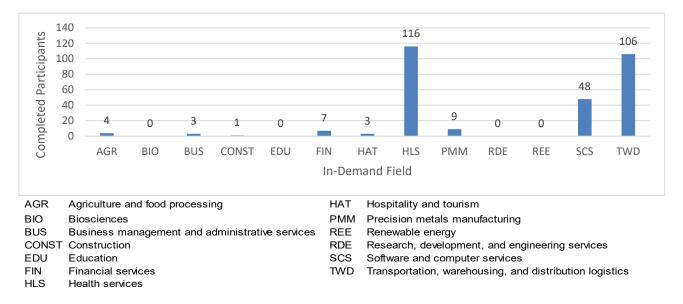
•	
	etion Cost per
	te Completion
ommunity College	3% \$3,856
tan Community College	2% \$6,812
Community College	3% \$4,063
Community College	8% \$2,630
Community College	0% \$4,774
lebraska Community College	8% \$2,951
	4% \$4,754
, 8	8% \$

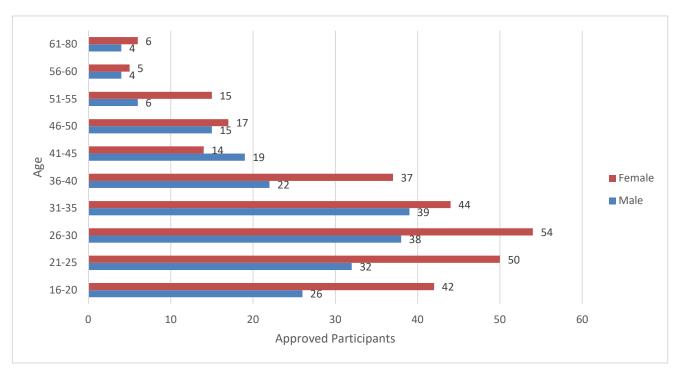
\* As of June 30, 2023. Does not include students enrolled but not completed as of June 30, 2023.



# Table 5: Gap Assistance Program Approved ParticipantsIn-Demand Programs of Study Enrolled - 2022-23

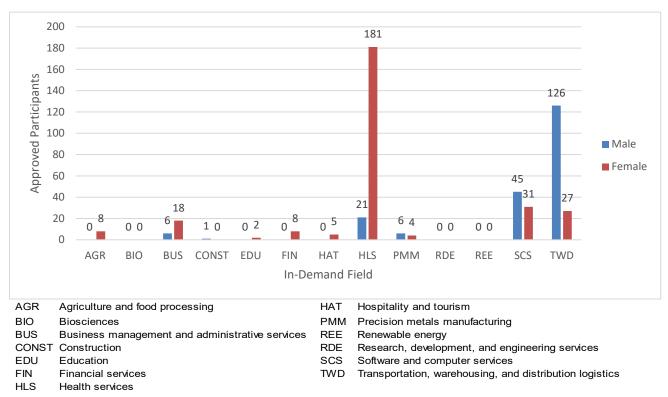
# Table 6: Gap Assistance Program Completed ParticipantsIn-Demand Programs of Study Completed - 2022-23





# Table 7: Gap Assistance Program Approved Participantsby Age and Gender - 2022-23

Table 8: Gap Assistance Program Approved ParticipantsIn-Demand Field by Gender - 2022-23



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# Table 9: Gap Assistance Program Summary All Community Colleges - Cumulative

An community coneges - cumulative									
Revenue and Expenditures	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Cumulative	
Transfer from Lottery Funds and Interest	\$1,717,108	\$1,890,077	\$1,826,260	\$1,620,941	\$1,903,271	\$1,977,141	\$2,297,356	\$13,232,15	
CCPE Administrative Costs	\$49,651	\$17,158	\$9,137	\$11,395	\$5,964	\$5,284	\$4,432	\$103,02	
Allocated to Community Colleges	\$1,413,596	\$1,446,000	\$1,458,200	\$1,451,992	\$608,293	\$820,888	\$682,490	\$7,881,459	
Community College Line Item Expenses	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Cumulative	
Direct Costs:									
Tuition	\$97,482	\$228,483	\$554,034	\$640,991	\$733,623	\$979,295	\$1,256,066	\$4,489,974	
Direct training costs	\$75,711	\$130,984	\$141,660	\$43,395	\$178,955	\$466	\$2,351	\$573,522	
Required books and equipment	\$38,551	\$14,765	\$21,426	\$9,419	\$15,532	\$17,160	\$37,793	\$154,646	
Fees	\$2,479	\$988	\$1,202	\$1,137	\$2,557	\$6,414	\$7,514	\$22,291	
Subtotal	\$214,223	\$375,220	\$718,322	\$694,942	\$930,667	\$1,003,335	\$1,303,724	\$5,240,433	
Administrative Costs:									
Staff support/admin	\$97,156	\$107,098	\$111,848	\$106,705	\$100,426	\$109,040	\$108,226	\$740,499	
Total	\$311,379	\$482,318	\$830,170	\$801,647	\$1,031,093	\$1,112,375	\$1,411,950	\$5,980,932	
Carried Forward to Next Fiscal Year								\$1,900,527	
Training Status (as of fiscal year end)	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Cumulative	
Number of Completed Applications	144	184	265	2013-20	458	366	508	2,133	
Number of Approved Participants	127	170	238	197	433	348	489	2,002	
Status of Approved Participants								_,	
Waiting to Participate *	3	4	11	4	29	21	20	19	
Enrolled, not completed *	33	42	35	60	99	89	143	169	
Completed Training	72	121	196	128	288	264	297	1,366	
Completion Rate	77%	75%	80%	76%	73%	77%	74%	76%	
Did Not Complete Training	21	40	49	41	107	77	103	438	
* As of June 30, 2023									
Employment Status								Cumulative	
New Employment within their Field								415	
New Employment outside their Field								47	
Retained Employment								261	
Unemployed but Continuing Further Education								121	
Looking for Work/Unemployed								95	
Deceased								0	

Overall Employment Rate of Respondents \* Overall New Employment Rate of Respondents \*

\* Employment rate based on program completers who responded to survey attempts and are not continuing with further education. Actual employment rates may be higher or lower than indicated in the table.

88% 54%

#### Table 10: Gap Assistance Program Summary by College - Cumulative

	by College -	Cumulative				
College	Cumulative Allocation	Total Expenditures	Remaining Funds*	Completed Applications	Approved Participants	Completed Training **
Central Community College	\$1,220,190	\$957,590	\$262,600	319	285	203
Metropolitan Community College	\$3,680,108	\$3,010,454	\$669,654	767	766	560
Mid-Plains Community College	\$338,608	\$347,792	-\$9,184	211	161	93
Northeast Community College	\$641,805	\$339,650	\$302,155	246	231	164
Southeast Community College	\$1,651,387	\$1,081,096	\$570,291	452	430	259
Western Nebraska Community College	\$349,361	\$244,350	\$105,011	138	129	87
Total	\$7,881,459	\$5,980,932	\$1,900,527	2,133	2,002	1,366

\* Remaining funds include unspent funds from prior fiscal years.

\*\* As of June 30, 2023. Does not include students enrolled but not completed as of June 30, 2023.

#### **Table 11: Gap Assistance Program Expenditures**

College	Tuition	Direct Training Costs	Books and Equipment	Fees	Staff Support & Admin.	Total Expenditures
Central Community College	\$293,064	\$522,820	\$0	\$353	\$141,353	\$957,590
Metropolitan Community College	\$2,581,973	\$8,431	\$53,411	\$350	\$366,289	\$3,010,454
Mid-Plains Community College	\$269,065	\$3,481	\$25,317	\$9,065	\$40,864	\$347,792
Northeast Community College	\$264,158	\$1,316	\$21,883	\$12,523	\$39,770	\$339,650
Southeast Community College	\$847,847	\$35,123	\$48,820	\$0	\$149,306	\$1,081,096
Western Nebraska Community College	\$233,867	\$2,351	\$5,215	\$0	\$2,917	\$244,350
Total	\$4,489,974	\$573,522	\$154,646	\$22,291	\$740,499	\$5,980,932

#### Table 12: Gap Assistance Program Completers

#### by College - Cumulative

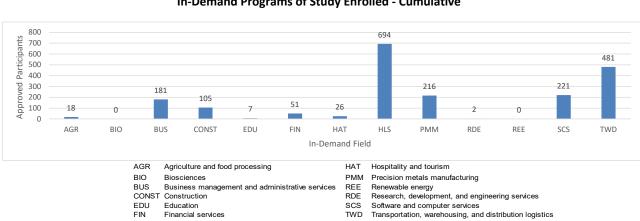
·	Completed	Did Not	Completion	Total	Cost per
College	Training *	Complete	Rate	Expenditures	Completion
Central Community College	203	70	74%	\$957,590	\$4,717
Metropolitan Community College	560	173	76%	\$3,010,454	\$5,376
Mid-Plains Community College	93	41	69%	\$347,792	\$3,740
Northeast Community College	164	64	72%	\$339,650	\$2,071
Southeast Community College	259	75	78%	\$1,081,096	\$4,174
Western Nebraska Community College	87	15	85%	\$244,350	\$2,809
Total	1,366	438	76%	\$5,980,932	\$4,378

\* As of June 30, 2023. Does not include students enrolled but not completed as of June 30, 2023.

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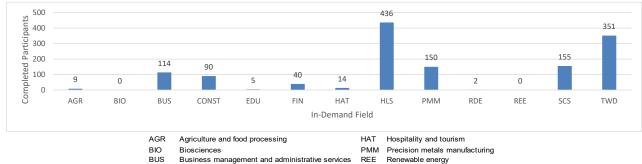
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#### Table 13: Gap Assistance Program Approved Participants In-Demand Programs of Study Enrolled - Cumulative



In-Demand Programs of Study Completed - Cumulative



- Business management and administrative services REE
  - RDE
- CONST Construction EDU Education
- FIN Financial services
- HLS Health services

- Renewable energy
- Research, development, and engineering services
- scs Software and computer services
- Transportation, warehousing, and distribution logistics TWD

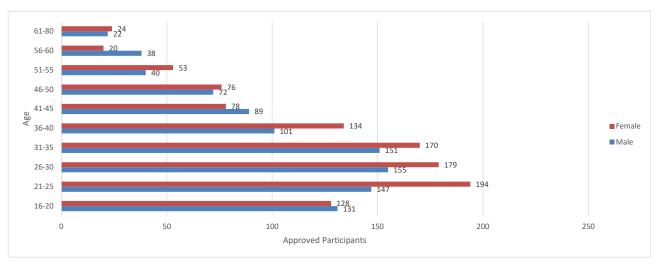
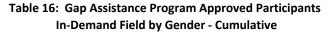
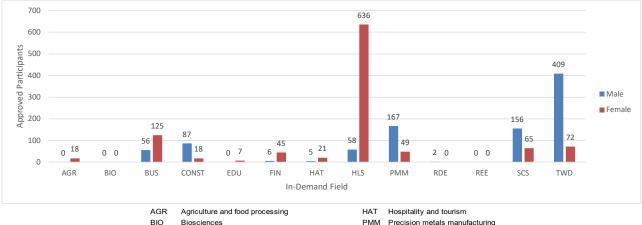


Table 15: Gap Assistance Program Approved Participants by Age and Gender - Cumulative





- Biosciences Business management and administrative services
- BUS CONST Construction
- EDU Education
- FIN Financial services
- HLS Health services

- Precision metals manufacturing
- REE Renewable energy
- RDE Research, development, and engineering services SCS
- Software and computer services Transportation, warehousing, and distribution logistics TWD



Community	As of August 8		Length Contact	Length Credit Program		
College	Gap Program of Study	In-demand Occupation Selection	Hours	Туре	Hours	
MCC	Veterinary Assistant	Agriculture and food processing	140			
CCC	Leadership Series	Business Management and Administrative Services	56			
CCC	Micro Soft Office/Leadership Series	Business Management and Administrative Services	80			
MCC	CAPM Academy + Business Analyst + LSS Green Belt+	Business Management and Administrative Services	253			
MCC	CAPM Academy + Business Analyst Certification	Business Management and Administrative Services	169			
MCC	CAPM Academy + Certified Scrum Master	Business Management and Administrative Services	159			
MCC	CAPM Academy + Certified Scrum Master + Business Analyst	Business Management and Administrative Services	183			
MCC	CAPM Academy + Certified Scrum Master + Business Analyst + LSS Green Belt+	Business Management and Administrative Services	267			
MCC	CAPM Academy + Certified Scrum Master + LSS Green Belt+	Business Management and Administrative Services	243			
MCC	CAPM Academy + Lean Six Sigma Green Belt+	Business Management and Administrative Services	229			
MCC	Certified Associate Project Manager Academy (CAPM)	Business Management and Administrative Services	145			
MCC	Customer Experience Leadership	Business Management and Administrative Services	40	Quarter	22.5	
MCC	Lean Six Sigma Academy	Business Management and Administrative Services	124			
MCC	PMP Academy + Business Analyst + LSS Green Belt+	Business Management and Administrative Services	253			
MCC	PMP Academy + Business Analyst Certification	Business Management and Administrative Services	169 159			
MCC MCC	PMP Academy + Certified Scrum Master	Business Management and Administrative Services	159			
MCC	PMP Academy + Certified Scrum Master + Business Analyst	Business Management and Administrative Services	267			
MCC	PMP Academy + Certified Scrum Master + Business Analyst + LSS Green Belt+	Business Management and Administrative Services	267			
	PMP Academy + Certified Scrum Master + LSS Green Belt+	Business Management and Administrative Services				
MCC	PMP Academy + Lean Six Sigma Green Belt+ Project Management Professional Academy (PMP)	Business Management and Administrative Services	229 145			
MCC MCC	Project Management Professional Academy (PMP)	Business Management and Administrative Services		Quarter	22.5	
MCC	Workplace Technology Program + CPP Accounting Fundamentals	Business Management and Administrative Services	40 24	quarter	22.5	
MPCC		Business Management and Administrative Services	32	<u> </u>	+	
MPCC	Administrative Assistant	Business Management and Administrative Services	32 80	ł	1	
	Administrative Assistant with Accounting Fundamentals and Microsoft Excel	Business Management and Administrative Services	80	Semester	12	
MPCC MPCC	Business Software Specialist Certificate Entrepreneurship Business Plan	Business Management and Administrative Services Business Management and Administrative Services	+	Semester	12 3	
MPCC	Entrepreneurship Business Plan	Business Management and Administrative Services	48	Jemester	3	
MPCC	Medical Terminology/Coding 1	Business Management and Administrative Services	40	Semester	6	
MPCC	Personal Finance/QuickBooks Online/Microsoft Word and Excel	Business Management and Administrative Services		Semester	9	
MPCC	Principles of Accounting I with Beginning and Intermediate QuickBooks	Business Management and Administrative Services	24	Semester	3	
MPCC	QuickBooks Training	Business Management and Administrative Services	16	Jemester	3	
SCC	Business Certificate	Business Management and Administrative Services	10	Semester	15	
SCC	Business Certificate	Business Management and Administrative Services		Semester	15	
SCC	Business: Event Venue Operations Certificate	Business Management and Administrative Services		Semester	15	
SCC	Entrepreneurship Certificate	Business Management and Administrative Services		Semester	15	
SCC	Green Belt with Leadership Success Certificate	Business Management and Administrative Services	104		15	
SCC	Human Resource Certificate of Professional Development	Business Management and Administrative Services	21			
SCC	Leadership Success Certificate	Business Management and Administrative Services	48			
SCC	Leadership Success Certificate and Microsoft Applications Basic and Intermediate	Business Management and Administrative Services	78			
SCC	LEAN Manufacturing with Fiber Optics Systems and six sigma green belt certification	Business Management and Administrative Services	143			
SCC	Lean Transactional Training	Business Management and Administrative Services	24		1	
SCC	Process Improvement Certification	Business Management and Administrative Services	63			
SCC	Strength at Work Power Skills Academy	Business Management and Administrative Services	16			
WNCC	Microcomputer Applications (MS Word, Exel, PowerPoint and Outlook)	Business management and administrative services		Semester	4	
CCC	Concrete Finishing Certificate	Construction	56			
CCC	Concrete Refinisher	Construction	40			
CCC	Concrete Refinisher	Construction	32			
CCC	Concrete Refinisher/Forklift Training	Construction	46			
CCC	Concrete Refinisher/Forklift Training	Construction	38			
CCC	Electrical Fundamentals	Construction		Semester	12	
CCC	Heating, Air Conditioning & Basic Refrigeration Certificate	Construction		Semester	12	
CCC	Interior Finish Carpentry Certificate	Construction		Semester	13	
CCC	Residential Framing Certificate	Construction	1	Semester	12	
CCC	Residential Wiring Certificate	Construction		Semester	12	
		Construction	160	L	I	
MCC	Facilities Maintenance + Career Placement Program			1	<u> </u>	
MCC	Sheet Metal Program	Construction	116	-	15	
MCC MPCC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate	Construction Construction		Semester	15	
MCC MPCC MPCC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate	Construction Construction Construction	47	Semester	15	
MCC MPCC MPCC MPCC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program	Construction Construction Construction Construction				
MCC MPCC MPCC MPCC SCC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program Building Construction Commercial Design and Estimating	Construction Construction Construction Construction Construction	47	Semester	6.5	
MCC MPCC MPCC MPCC SCC SCC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program Building Construction Commercial Design and Estimating Building Construction Process Certificate	Construction Construction Construction Construction Construction Construction	47	Semester Semester	6.5 12	
MCC MPCC MPCC SCC SCC SCC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program Building Construction Commercial Design and Estimating Building Construction Process Certificate Building Construction Residential Design and Estimating	Construction Construction Construction Construction Construction Construction Construction	47	Semester Semester Semester	6.5 12 7	
MCC MPCC MPCC SCC SCC SCC SCC SCC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program Building Construction Commercial Design and Estimating Building Construction Process Certificate Building Construction Residential Design and Estimating Concrete Construction Technician Certificate	Construction Construction Construction Construction Construction Construction Construction Construction	47 20	Semester Semester	6.5 12	
MCC MPCC MPCC SCC SCC SCC SCC SCC SCC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program Building Construction Commercial Design and Estimating Building Construction Process Certificate Building Construction Residential Design and Estimating Concrete Construction Technician Certificate Concrete in Practice	Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction	47	Semester Semester Semester Semester	6.5 12 7 14	
MCC MPCC MPCC SCC SCC SCC SCC SCC SCC SCC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program Building Construction Commercial Design and Estimating Building Construction Process Certificate Building Construction Residential Design and Estimating Concrete Construction Technician Certificate Concrete in Practice Drafting and Design Technology/Technician	Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction	47 20 34	Semester Semester Semester	6.5 12 7	
MCC MPCC MPCC SCC SCC SCC SCC SCC SCC SCC WNCC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program Building Construction Commercial Design and Estimating Building Construction Process Certificate Building Construction Residential Design and Estimating Concrete Construction Technician Certificate Concrete in Practice Drafting and Design Technology/Technician Core Construction Skills	Construction	47 20 34 80	Semester Semester Semester Semester	6.5 12 7 14	
MCC MPCC MPCC SCC SCC SCC SCC SCC SCC SCC WNCC WNCC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program Building Construction Commercial Design and Estimating Building Construction Process Certificate Building Construction Residential Design and Estimating Concrete Construction Technician Certificate Concrete in Practice Drafting and Design Technology/Technician Core Construction Stills Entry-Level Electrician Training	Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction	47 20 34 80 192	Semester Semester Semester Semester	6.5 12 7 14	
MCC MPCC MPCC SCC SCC SCC SCC SCC SCC SCC WNCC WNCC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program Building Construction Commercial Design and Estimating Building Construction Process Certificate Building Construction Residential Design and Estimating Concrete Construction Technician Certificate Drafting and Design Technology/Technician Core Construction Skills Entry-Level Electrician Training Entry-Level Carpentry Training	Construction Const	47 20 34 80 192 250	Semester Semester Semester Semester	6.5 12 7 14	
MCC MPCC MPCC SCC SCC SCC SCC SCC SCC SCC WNCC WNCC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program Building Construction Commercial Design and Estimating Building Construction Process Certificate Building Construction Residential Design and Estimating Concrete Construction Technician Certificate Drafting and Design Technology/Technician Core Construction Skills Entry-Level Electrician Training Entry-Level Carpentry Training Entry-Level HVACR Training	Construction Const	47 20 34 80 192 250 200	Semester Semester Semester Semester	6.5 12 7 14	
MCC MPCC MPCC SCC SCC SCC SCC SCC SCC SCC WNCC WNCC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program Building Construction Commercial Design and Estimating Building Construction Process Certificate Building Construction Residential Design and Estimating Concrete Construction Residential Design and Estimating Concrete In Practice Drafting and Design Technology/Technician Core Construction Skills Entry-Level Electrician Training Entry-Level HVACR Training Entry-Level Plumbing Training	Construction Const	47 20 34 80 192 250	Semester Semester Semester Semester Semester	6.5 12 7 14 15	
MCC MPCC MPCC SCC SCC SCC SCC SCC SCC WNCC WNCC WNC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program Building Construction Commercial Design and Estimating Building Construction Process Certificate Building Construction Residential Design and Estimating Concrete Construction Technician Certificate Concrete in Practice Drafting and Design Technology/Technician Core Construction Skills Entry-Level Electrician Training Entry-Level Carpentry Training Entry-Level Plumbing Training Entry-Level Plumbing Training Child Development	Construction Education Education	47 20 34 80 192 250 200	Semester Semester Semester Semester Semester	6.5 12 7 14 15 	
MCC MPCC MPCC SCC SCC SCC SCC SCC SCC WNCC WNCC WNC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program Building Construction Commercial Design and Estimating Building Construction Process Certificate Building Construction Residential Design and Estimating Concrete Construction Technician Certificate Concrete in Practice Drafting and Design Technology/Technician Core Construction Skills Entry-Level Electrician Training Entry-Level Carpentry Training Entry-Level HVACR Training Entry-Level HVACR Training Entry-Level Plumbing Training Child Development Early Childhood Ed Student Teaching/Positive Guidance/Child Development	Construction Education Education Education	47 20 34 80 192 250 200	Semester Semester Semester Semester Semester Semester Semester	6.5 12 7 14 15 	
MCC MPCC MPCC SCC SCC SCC SCC SCC SCC WNCC WNCC WNC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program Building Construction Commercial Design and Estimating Building Construction Process Certificate Building Construction Residential Design and Estimating Concrete Construction Residential Design and Estimating Concrete in Practice Drafting and Design Technology/Technician Core Construction Skills Entry-Level Electrician Training Entry-Level Carpentry Training Entry-Level Plumbing Training Entry-Level Plumbing Training Entry-Level Plumbing Training Entry-Level Plumbing Training Entry-Level Plumbing Training Child Development Early Childhood Ed Student Teaching/Positive Guidance/Child Development Intro to Early Childhood Ed/Early Childhood Curriculum Planning/Child Development	Construction Education Ed	47 20 34 80 192 250 200	Semester Semester Semester Semester Semester	6.5 12 7 14 15 15 3 9 9	
MCC MPCC MPCC SCC SCC SCC SCC SCC SCC WNCC WNCC WNC	Sheet Metal Program Heating, Ventilation, Air Conditioning and Refrigeration Technology Heat Pump Certificate Plumbing Apprenticeship Certificate Tile Installation Program Building Construction Commercial Design and Estimating Building Construction Process Certificate Building Construction Residential Design and Estimating Concrete Construction Technician Certificate Concrete in Practice Drafting and Design Technology/Technician Core Construction Skills Entry-Level Electrician Training Entry-Level Carpentry Training Entry-Level HVACR Training Entry-Level HVACR Training Entry-Level Plumbing Training Child Development Early Childhood Ed Student Teaching/Positive Guidance/Child Development	Construction Education Education Education	47 20 34 80 192 250 200	Semester Semester Semester Semester Semester Semester Semester Semester	6.5 12 7 14 15 	

			Length	Len Credit P	-
Community			Contact		
College NECC	Gap Program of Study Child Development Associate (CDA) - Family Child Care	In-demand Occupation Selection Education	Hours	Type Semester	Hours 11.5
NECC	Child Development Associate (CDA) - Infant & Toddler	Education		Semester	9
NECC	Child Development Associate (CDA) - Preschool	Education		Semester	8
NECC	Local Substitute	Education		Semester	6
NECC	Local Substitute Plus	Education		Semester	12
MCC	Insurance Producer Career Placement Program	Financial Services	100		
MCC	Insurance Producer Career Placement Program: Life & Health	Financial Services	82	<b></b>	
MCC	Insurance Producer Career Placement Program: Property & Casualty	Financial Services	82	<b> </b>	
200	Basic Healthcare Pathway (Nurse Assisting and Medication Aide)	Health Services	116	Company	6
222 222	Basic Healthcare Pathway (Nurse Assisting and Medication Aide) Medication Aide	Health Services Health Services	40	Semester	6
CCC	Medication Aide	Health Services	40	Semester	3
CCC	Nurse Assisting	Health Services	76		
CCC	Nurse Assisting	Health Services		Semester	3
CCC	Phlebotomy	Health Services		Semester	2
MCC	Behaviorial and Psychiatric Technicain	Health Services	434		
MCC	Medical Services Representative	Health Services		Quarter	22.5
MCC	Medical Services Representative + Career Placement Program	Health Services	40	Quarter	22.5
MCC	Mental Health Technician	Health Services	406	<b> </b>	+
MCC	Pharmacy Technician	Health Services	200	<b> </b>	-
MCC MPCC	Phlebotomy Technician Emergency Medical Technician I with Basic Life Support	Health Services Health Services	130 75	Semester	4
MPCC	Emergency Medical Technician I with Basic Life Support	Health Services	75	Semester	4
MPCC	EMT I and EMT II with American Heart BLS Provider	Health Services	/3	Semester	8.5
MPCC	Fire Fighter I	Health Services	108		0.5
MPCC	Fire Fighter I + Hazmat Operations	Health Services	140		-
MPCC	Fire Fighter I, II + Hazmat Operations	Health Services	164		
MPCC	Fire Fighter II	Health Services	24		
MPCC	Fundamentals of Phlebotomy	Health Services		Semester	2
MPCC	Medication Aid/Nursing Assistant/Math for Health Occupations	Health Services		Semester	9
MPCC	Medication Aide AND Nursing Assistant Course	Health Services		Semester	7
MPCC	Medication Aide Course	Health Services		Semester	3
MPCC	Nursing Assistant Course	Health Services		Semester Semester	4
MPCC NECC	Nursing Concepts V/Clinical V/American Heart BLS	Health Services	16	Semester	8.5
NECC	Certified Coding Specialist (CCS) Exam Prep CNA (Certified Nurse Aide)	Health services Health Services	10	Semester	3
NECC	Emergency Medical Responder	Health Services		Semester	3.5
NECC	EMT I and EMT II	Health Services		Semester	9.5
NECC	Healthcare Aide	Health Services		Semester	6
NECC	Healthcare Aide - Lapsed CNA License	Health Services	49		
NECC	Medication Aide	Health Services		Semester	3
NECC	Pre-hospital Emergency Care for Nurses	Health Services		Semester	3
NECC	Registered Health Information Technician (RHIT) Exam Prep	Health services	16		
SCC	Advanced Phlebotomy	Health Services		Semester	4
SCC	Dental Terminology Course	Health Services		Semester	3
SCC	Electrocardiogram (EKG) Technician Course	Health Services		Semester	3
SCC SCC	EMS Instructor Course	Health Services Health Services	48	Semester	
SCC	EMT Course Healthcare Services Certificate	Health Services		Semester	8
SCC	Long Term Care Practicum	Health Services	135	Schicater	12
SCC	LPN C Course (upgrade in pay if completed)	Health Services	70		1
SCC	LPN Refresher and RN/LPN Clinical Course	Health Services	200		1
SCC	LPN Refresher and RN/LPN Clinical Course and Leadership Success Certificate	Health Services	240		
SCC	LPN Refresher Course (renew license)	Health Services	110		
SCC	Medication Aide	Health Services	100		
SCC	Medication Aide Course	Health Services		Semester	3
SCC	Nursing Assistant Course	Health Services		Semester	3.5
SCC	Nutrition Aide Course	Health Services	40	Semester	3.5
SCC SCC	Paramedic Refresher (renew license)	Health Services Health Services	40	Semester	3.5
SCC	Personal Care Aide Course Procedures to Phlebotomist Course	Health Services		Semester	3.5
SCC	RN Refresher Course (renew license)	Health Services	120	Jernester	
SCC	RN/LPN Clinical	Health Services	90		+
SCC	Sterile Processing Tech Course	Health Services		Semester	6
WNCC	Basic Nursing Assistant Training	Health Services	80		1
WNCC	Basic Nursing Assistant Training	Health Services		Semester	4.5
WNCC	Basic Nursing Assistant Training and Medication Aide	Health Services	120		
WNCC	Basic Nursing Assistant Training and Medication Aide	Health Services		Semester	7.5
WNCC	Certified Medical Assistant	Health Services	250		
WNCC	Phlebotomy Certificate	Health Services		Semester	12.5
MPCC	Certificate in Customer Service	Hospitality and Tourism	32	┝───	+
NECC SCC	Food Service and Dietary Management Certificate	Hospitality and Tourism	26		+ -
SCC	Culinary Communications	Hospitality and Tourism	195	Semester	7
			1 195	1	1
SCC	Culinary Communications	Hospitality and Tourism	155	Somertor	15.5
	Culinary Communications Culinary/Hospitality Certificate Dietary Manager Certificate	Hospitality and Tourism Hospitality and Tourism Hospitality and Tourism	155	Semester Semester	15.5 12



			Length	Length Credit Program		
Community			Contact Hours		Hours	
College CCC	Gap Program of Study 24 Hour Hazwoper	In-demand Occupation Selection Precision Metals Manufacturing	24	Туре	Hours	
CCC	30 hour OSHA Construction 29 CFR 1926	Precision Metals Manufacturing	30		+	
CCC	30 Hour OSHA Constituction 29 CFR 1920 30 Hour OSHA General Industry 29 CFR 1910	Precision Metals Manufacturing	30			
CCC	40 hour Emergency Response	Precision Metals Manufacturing	40		+	
CCC	Advanced Programmable Logic Controls	Precision Metals Manufacturing	24			
CCC	Basic and Electrical Pneumatics	Precision Metals Manufacturing	32		1	
CCC	Basic Electrical	Precision Metals Manufacturing	24			
CCC	Basic Programmable Logic Controls RS 500	Precision Metals Manufacturing	24			
CCC	Basic RS 5000 logic PLC	Precision Metals Manufacturing	24			
CCC	Basic Welding Training	Precision Metals Manufacturing	120			
CCC	Basic Welding Training & Basic Welding Training Level II	Precision Metals Manufacturing	200			
CCC	Basic Welding Training Level II	Precision Metals Manufacturing	80			
CCC	Comprehensive Industrial Maintenace Series	Precision Metals Manufacturing	184			
200	Decoupled Molding	Precision Metals Manufacturing	24	<i>.</i> .	12	
200	Drafting & Design Technology Certificate	Precision Metals Manufacturing		Semester	12 12	
222 222	Environmental Health & Safety Generalist Certificate	Precision Metals Manufacturing Precision Metals Manufacturing		Semester Semester	12	
	General Manufacturing Certificate Industrial Maintenance - Series 1	Precision Metals Manufacturing	64	semester	12	
CCC	Industrial Maintenance - Series 1, 2 & 3	Precision Metals Manufacturing	160		+	
CCC	Industrial Maintenance - Series 2	Precision Metals Manufacturing	56			
000	Industrial Maintenance - Series 2 & 3	Precision Metals Manufacturing	96		+	
CCC	Industrial Maintenance - Series 3	Precision Metals Manufacturing	40		1	
CCC	Industrial Maintenance Series	Precision Metals Manufacturing	136		1	
CCC	Industrial Technology Certificate	Precision Metals Manufacturing	130	Semester	14	
CCC	Injection Molding Series	Precision Metals Manufacturing	64		<u> </u>	
CCC	Injection Molding Series Complete	Precision Metals Manufacturing	144		1	
CCC	Instrumentation Certificate	Precision Metals Manufacturing		Semester	13	
CCC	Intro to Technical Diagrams	Precision Metals Manufacturing	16		1	
CCC	Intro to Welding & Blueprint Reading	Precision Metals Manufacturing	96			
CCC	Industrial Maintenance - Series 1 & 2	Precision Metals Manufacturing	120			
CCC	Manual Welding Certificate	Precision Metals Manufacturing		Semester	14	
CCC	Master Molding 1	Precision Metals Manufacturing	80			
CCC	Mechanical Systems	Precision Metals Manufacturing	24			
CCC	Molding Essentials	Precision Metals Manufacturing	16			
CCC	Motor Controls and Relay logic	Precision Metals Manufacturing	24			
CCC	Plastic Engineering Technology Certificate	Precision Metals Manufacturing		Semester	12	
CCC	Production Welding Certificate	Precision Metals Manufacturing		Semester	13	
CCC	Quality Inspection Certificate	Precision Metals Manufacturing		Semester	12	
CCC	Systematic Molding	Precision Metals Manufacturing	24		<u> </u>	
CCC	Variable Frequency Drive	Precision Metals Manufacturing	16		22.5	
MCC	Diversified Manufacturing	Precision Metals Manufacturing	40	Quarter	22.5	
MCC MCC	Industrial Maintenance Mechanic Level 1	Precision Metals Manufacturing	88		───	
MCC	Manufacturing & Production Career Placement Program Press Brake Operator	Precision Metals Manufacturing Precision Metals Manufacturing	92		+	
MPCC	Basic Arc & Gas Welding	Precision Metals Manufacturing	24		+	
MPCC	Basic Arc and Gas Welding	Precision Metals Manufacturing	24			
MPCC	Basic Welding & Safety	Precision Metals Manufacturing	24		+	
MPCC	Basic Welding Techniques & Safety	Precision Metals Manufacturing	24		+	
MPCC	Oxyacetylene Welding	Precision Metals Manufacturing	80		1	
MPCC	Ready to Work: MIG Welding Skills	Precision Metals Manufacturing	28		†	
NECC	24 Hr. Hazwoper	Precision Metals Manufacturing	24		1	
NECC	Diversified Manufacturing Boot Camp	Precision Metals Manufacturing	72		1	
NECC	Gas Metal (Mig) and Flux Cored Arc Welding	Precision Metals Manufacturing	90		1	
NECC	Gas Metal Arc Welding (GMAW) MIG	Precision Metals Manufacturing	73		1	
NECC	Manufacturing Maintenance	Precision Metals Manufacturing	390			
NECC	Manufacturing Maintenance - Electrical & Instrumentation Pathway	Precision Metals Manufacturing	180			
NECC	Manufacturing Maintenance - Electrical & Instrumentation Pathway Level 1	Precision Metals Manufacturing	120			
NECC	Manufacturing Maintenance - Electrical & Instrumentation Pathway Level 2	Precision Metals Manufacturing	60			
NECC	Manufacturing Maintenance - Mechanical Pathway	Precision Metals Manufacturing	230			
NECC	Manufacturing Maintenance - Mechanical Pathway Level 1	Precision Metals Manufacturing	155		──	
NECC	Manufacturing Maintenance - Mechanical Pathway Level 2	Precision Metals Manufacturing	75		──	
NECC	OSHA 30 Hour and Safety (30 hour card)	Precision Metals Manufacturing	32		┥	
NECC	Precision Measurement	Precision Metals Manufacturing	18		┥	
SCC	Advanced Allen-Bradley PLC	Precision Metals Manufacturing	24		──	
SCC	Advanced Automation Direct PLC Programming	Precision Metals Manufacturing	24		+	
SCC	Advanced Precision Machining	Precision Metals Manufacturing	24		+	
SCC	Basic Allen Bradley PLC	Precision Metals Manufacturing	24		+	
SCC	Basic Automation Direct PLC	Precision Metals Manufacturing	24			
SCC	Basic Precision Machining	Precision Metals Manufacturing	24		+	
SCC	Basic RS5000/LOGIX	Precision Metals Manufacturing	24		+	
SCC SCC	Basic Welding	Precision Metals Manufacturing	30 46			
	Basic Welding with Variable Frequency Drives (VFD)	Precision Metals Manufacturing			+	
		Precision Metals Manufacturing	30		+	
SCC	Electrical Code	Precision Metals Manufacturing	24			
SCC SCC	Electrical Fundamentals	Precision Metals Manufacturing	24		<u> </u>	
SCC		Precision Metals Manufacturing Precision Metals Manufacturing Precision Metals Manufacturing	24 72 344			

	As of August 8, 2023			Length Credit Program		
Community	Con Descena of Study	In domand Occuration Selection	Contact Hours	Type	Hours	
College SCC	Gap Program of Study Gas Metal Arc Welding	In-demand Occupation Selection Precision Metals Manufacturing	60	туре	Hours	
SCC	High Pressure Engineering	Precision Metals Manufacturing	144			
SCC	Industrial Measurement, Sensors & Controls	Precision Metals Manufacturing	24			
SCC	Industrial Pneumatics	Precision Metals Manufacturing	32			
SCC	Introduction to Manufacturing Skills	Precision Metals Manufacturing	16			
SCC	Lean Process Excellence	Precision Metals Manufacturing	24	-	-	
SCC SCC	Manufacturing Technician Level 1 Motor Controls and Relay Logic	Precision Metals Manufacturing Precision Metals Manufacturing	46 24			
SCC	PLC Operator Interface Programming	Precision Metals Manufacturing	24			
	Production Welding	Precision Metals Manufacturing	36			
SCC	Special Welding Applications Course	Precision Metals Manufacturing		Semester	2	
SCC	Variable Frequency Drives	Precision Metals Manufacturing	16			
SCC	Welding Essentials Course	Precision Metals Manufacturing	560			
SCC	Welding Technology Certificate	Precision Metals Manufacturing		Semester	12.5	
	Stick Welding Certificaiton	Precision Metals Manufacturing		Semester	6	
WNCC WNCC	Technical Designer Career Pathways Certificate	Precision Metals Manufacturing		Semester Semester	15 6	
WNCC	TIG Welding Certification Wire Welding Certification	Precision Metals Manufacturing Precision Metals Manufacturing		Semester	6	
CCC	Solar Power Certificate	Renewable Energy		Semester	12	
CCC	Wind Power Certificate	Renewable Energy		Semester	12	
NECC	608 FREON Certification ESCO Institute	Renewable Energy	16			
SCC	Energy Generations Operations Certificate	Renewable Energy		Semester	15	
NECC	Drafting-Architectural	Research, Development, and Engineering Services	21			
MCC	Cisco Certified Network Technician + CPP	Software and Computer Services	40	Quarter	18	
MCC	Code School	Software and Computer Services	317	L		
MCC	Code School + CPP	Software and Computer Services	357			
	Fiber Optics Technician	Software and Computer Services	112 40	<u> </u>		
MCC MCC	IT Desktop Support Technician + CPP	Software and Computer Services	40	Quarter	18	
MPCC	Mobile Device Repair Academy A+ Network Programming Certificate	Software and Computer Services Software and Computer Services	64			
MPCC	CompTIA A+	Software and Computer Services	24			
MPCC	Digital Arts	Software and Computer Services	32			
MPCC	Digital Arts Certificate	Software and Computer Services	360			
MPCC	Network +/A+ Certificates	Software and Computer Services	96			
MPCC	Network Technology Certificate	Software and Computer Services		Semester	15	
MPCC	PC Support Certification	Software and Computer Services		Semester	15	
NECC	Cisco Networking I	Software and Computer Services	75			
NECC	Cisco Networking II	Software and Computer Services	75			
NECC	Cisco Networking III	Software and Computer Services	75			
NECC	Cisco Networking IV	Software and Computer Services	75 500			
NECC NECC	Cybersecurity Bootcamp Microsoft Certified Programming	Software and Computer Services Software and Computer Services	60			
SCC	A+ (IT Technician)	Software and Computer Services	42			
SCC	Backend Software Developer Coding Bootcamp	Software and Computer Services	27			
SCC	CCNA 1 & 2	Software and Computer Services	104			
SCC	CCNA 1-2, 3-4 with A+	Software and Computer Services	250			
SCC	CCNA 1-2, 3-4 with A+ and Fiber Optics Systems	Software and Computer Services	306			
SCC	CCNA 1-2, 3-4 with A+, N+ and Fiber Optics Systems	Software and Computer Services	341			
SCC	CCNA 3 & 4	Software and Computer Services	104			
SCC	Certified Fiber Optic Specialist/Testing & Maintenance	Software and Computer Services	16	ļ	<u> </u>	
SCC	Certified Fiber Optic Technician	Software and Computer Services	24			
SCC	Certified Fiber Optics Specialist/Splicing	Software and Computer Services	16		<u> </u>	
SCC SCC	CompTIA N+	Software and Computer Services Software and Computer Services	35 39			
SCC	Data Engineering Bootcamp Fiber Optics Systems	Software and Computer Services	39 56		+	
SCC	Fiber Optics Systems with Basic Welding and Variable Drives	Software and Computer Services	102	1	+	
SCC	Fiber Optics Systems with CCNA 1-2 and 3-4	Software and Computer Services	264		1	
		Software and Computer Services	91	l –	1	
SCC	Fiber Optics Systems with CompTIA N+			1	1	
SCC SCC	Fiber Optics Systems with CompTIA N+ Fiber Optics Systems with CompTIA N+ and A+	Software and Computer Services	133			
			133 97			
SCC SCC SCC	Fiber Optics Systems with CompTIA N+ and A+ Fiber Optics Systems with Leadership Success Certificate Fiber Optics Systems with LEAN Manufacturing	Software and Computer Services Software and Computer Services Software and Computer Services	97 80			
SCC SCC SCC SCC	Fiber Optics Systems with CompTIA N+ and A+ Fiber Optics Systems with Leadership Success Certificate Fiber Optics Systems with LEAN Manufacturing Fiber Optics Systems with LEAN Manufacturing and Networking	Software and Computer Services Software and Computer Services Software and Computer Services Software and Computer Services	97 80 288			
SCC SCC SCC SCC SCC	Fiber Optics Systems with CompTIA N+ and A+ Fiber Optics Systems with Leadership Success Certificate Fiber Optics Systems with LEAN Manufacturing Fiber Optics Systems with LEAN Manufacturing and Networking Front End Software Developer Bootcamp	Software and Computer Services Software and Computer Services Software and Computer Services Software and Computer Services Software and Computer Services	97 80 288 27			
SCC SCC SCC SCC SCC SCC	Fiber Optics Systems with CompTIA N+ and A+ Fiber Optics Systems with Leadership Success Certificate Fiber Optics Systems with LEAN Manufacturing Fiber Optics Systems with LEAN Manufacturing and Networking Front End Software Developer Bootcamp Microsoft Applications: Basic (Word, Excel, PowerPoint)	Software and Computer Services Software and Computer Services	97 80 288 27 21			
SCC SCC SCC SCC SCC SCC SCC	Fiber Optics Systems with CompTIA N+ and A+ Fiber Optics Systems with Leadership Success Certificate Fiber Optics Systems with LEAN Manufacturing Fiber Optics Systems with LEAN Manufacturing and Networking Front End Software Developer Bootcamp Microsoft Applications: Basic (Word, Excel, PowerPoint) Microsoft Applications: Basic and Intermediate	Software and Computer Services Software and Computer Services	97 80 288 27 21 38			
SCC SCC SCC SCC SCC SCC SCC SCC	Fiber Optics Systems with CompTIA N+ and A+ Fiber Optics Systems with Leadership Success Certificate Fiber Optics Systems with LEAN Manufacturing Fiber Optics Systems with LEAN Manufacturing and Networking Front End Software Developer Bootcamp Microsoft Applications: Basic (Word, Excel, PowerPoint) Microsoft Applications: Basic and Intermediate Microsoft Applications: Basic and Intermediate with Leadership Success Certificate	Software and Computer Services Software and Computer Services	97 80 288 27 21 38 78			
SCC SCC SCC SCC SCC SCC SCC SCC SCC SCC	Fiber Optics Systems with CompTIA N+ and A+ Fiber Optics Systems with Leadership Success Certificate Fiber Optics Systems with LEAN Manufacturing Fiber Optics Systems with LEAN Manufacturing and Networking Front End Software Developer Bootcamp Microsoft Applications: Basic (Word, Excel, PowerPoint) Microsoft Applications: Basic and Intermediate Microsoft Applications: Basic and Intermediate with Leadership Success Certificate Microsoft Applications: Intermediate (Word, Excel, Adobe Acrobat DC Pro)	Software and Computer Services Software and Computer Services	97 80 288 27 21 38 78 17			
SCC SCC SCC SCC SCC SCC SCC SCC SCC SCC	Fiber Optics Systems with CompTIA N+ and A+ Fiber Optics Systems with Leadership Success Certificate Fiber Optics Systems with LEAN Manufacturing Fiber Optics Systems with LEAN Manufacturing and Networking Front End Software Developer Bootcamp Microsoft Applications: Basic (Word, Excel, PowerPoint) Microsoft Applications: Basic and Intermediate Microsoft Applications: Basic and Intermediate with Leadership Success Certificate Microsoft Applications: Intermediate (Word, Excel, Adobe Acrobat DC Pro) Certified Fiber Optic Specialist/Testing & Maintenance	Software and Computer Services	97 80 288 27 21 38 78 17 16			
SCC SCC SCC SCC SCC SCC SCC SCC SCC SCC	Fiber Optics Systems with CompTIA N+ and A+ Fiber Optics Systems with Leadership Success Certificate Fiber Optics Systems with LEAN Manufacturing Fiber Optics Systems with LEAN Manufacturing and Networking Front End Software Developer Bootcamp Microsoft Applications: Basic (Word, Excel, PowerPoint) Microsoft Applications: Basic and Intermediate Microsoft Applications: Basic and Intermediate Microsoft Applications: Basic and Intermediate Microsoft Applications: Intermediate (Word, Excel, Adobe Acrobat DC Pro) Certified Fiber Optic Specialist/Testing & Maintenance Certified Fiber Optic Technician	Software and Computer Services	97 80 288 27 21 38 78 17			
SCC SCC SCC SCC SCC SCC SCC SCC SCC SCC	Fiber Optics Systems with CompTIA N+ and A+ Fiber Optics Systems with Leadership Success Certificate Fiber Optics Systems with LEAN Manufacturing Fiber Optics Systems with LEAN Manufacturing and Networking Front End Software Developer Bootcamp Microsoft Applications: Basic (Word, Excel, PowerPoint) Microsoft Applications: Basic and Intermediate Microsoft Applications: Basic and Intermediate with Leadership Success Certificate Microsoft Applications: Intermediate (Word, Excel, Adobe Acrobat DC Pro) Certified Fiber Optic Specialist/Testing & Maintenance Certified Fiber Optics Specialist/Splicing	Software and Computer Services	97 80 288 27 21 38 78 17 16 24	Semester	12	
SCC SCC SCC SCC SCC SCC SCC SCC SCC SCC	Fiber Optics Systems with CompTIA N+ and A+ Fiber Optics Systems with Leadership Success Certificate Fiber Optics Systems with LEAN Manufacturing Fiber Optics Systems with LEAN Manufacturing and Networking Front End Software Developer Bootcamp Microsoft Applications: Basic (Word, Excel, PowerPoint) Microsoft Applications: Basic and Intermediate Microsoft Applications: Basic and Intermediate Microsoft Applications: Basic and Intermediate Microsoft Applications: Intermediate (Word, Excel, Adobe Acrobat DC Pro) Certified Fiber Optic Specialist/Testing & Maintenance Certified Fiber Optic Technician	Software and Computer Services	97 80 288 27 21 38 78 17 16 24	Semester Semester		
SCC SCC SCC SCC SCC SCC SCC SCC SCC SCC	Fiber Optics Systems with CompTIA N+ and A+ Fiber Optics Systems with Leadership Success Certificate Fiber Optics Systems with LEAN Manufacturing Fiber Optics Systems with LEAN Manufacturing and Networking Front End Software Developer Bootcamp Microsoft Applications: Basic (Word, Excel, PowerPoint) Microsoft Applications: Basic and Intermediate Microsoft Applications: Basic and Intermediate with Leadership Success Certificate Microsoft Applications: Intermediate (Word, Excel, Adobe Acrobat DC Pro) Certified Fiber Optic Specialist/Testing & Maintenance Certified Fiber Optic Technician Certified Fiber Optic Specialist/Splicing Automotive Technology Certificate	Software and Computer Services           Transportation, Warehousing, and Distribution Logistics	97 80 288 27 21 38 78 17 16 24			
SCC SCC SCC SCC SCC SCC SCC SCC SCC SCC	Fiber Optics Systems with CompTIA N+ and A+ Fiber Optics Systems with Leadership Success Certificate Fiber Optics Systems with LEAN Manufacturing Fiber Optics Systems with LEAN Manufacturing and Networking Front End Software Developer Bootcamp Microsoft Applications: Basic (Word, Excel, PowerPoint) Microsoft Applications: Basic and Intermediate Microsoft Applications: Basic and Intermediate with Leadership Success Certificate Microsoft Applications: Intermediate (Word, Excel, Adobe Acrobat DC Pro) Certified Fiber Optic Specialist/Testing & Maintenance Certified Fiber Optic Specialist/Splicing Automotive Technology Certificate Truck Driving	Software and Computer Services           Transportation, Warehousing, and Distribution Logistics           Transportation, Warehousing, and Distribution Logistics	97 80 288 27 21 38 78 17 16 24 16		_	
SCC SCC SCC SCC SCC SCC SCC SCC SCC SCC	Fiber Optics Systems with CompTIA N+ and A+ Fiber Optics Systems with Leadership Success Certificate Fiber Optics Systems with LEAN Manufacturing Fiber Optics Systems with LEAN Manufacturing and Networking Front End Software Developer Bootcamp Microsoft Applications: Basic (Word, Excel, PowerPoint) Microsoft Applications: Basic and Intermediate Microsoft Applications: Basic and Intermediate with Leadership Success Certificate Microsoft Applications: Intermediate (Word, Excel, Adobe Acrobat DC Pro) Certified Fiber Optic Specialist/Testing & Maintenance Certified Fiber Optic Specialist/Splicing Automotive Technology Certificate Truck Driving Automotive Express Lane Technician Certificate Program	Software and Computer Services           Transportation, Warehousing, and Distribution Logistics           Transportation, Warehousing, and Distribution Logistics	97 80 288 27 21 38 78 17 16 24 24 16 		_	

Community			Length Contact Hours	Length Credit Program	
College	Gap Program of Study	In-demand Occupation Selection		Туре	Hours
MCC	Class A CDL w/E Restrictions + CPP	Transportation, Warehousing, and Distribution Logistics	80	Quarter	6
MCC	Logistics & Industrial Automation Tier 1	Transportation, Warehousing, and Distribution Logistics	102		
MCC	Logistics & Industrial Automation Tier 2	Transportation, Warehousing, and Distribution Logistics	181		
MPCC	Basic Engine & Electrical Certificate	Transportation, Warehousing, and Distribution Logistics		Semester	14
MPCC	Basic Engine & Electrical Repair Certificate	Transportation, Warehousing, and Distribution Logistics		Semester	12
MPCC	Class B Commercial Driver License School Bus Driver and Passenger Driver Endorsement	Transportation, Warehousing, and Distribution Logistics	160		
MPCC	Commercial Driver License (CDL) Hazmat Endorsement Only	Transportation, Warehousing, and Distribution Logistics	16		
MPCC	Commercial Driver Training (Entry Level Driver Training Compliant) with Hazmat	Transportation, Warehousing, and Distribution Logistics	216		
MPCC	Commercial Driver Training-(Entry Level Driver Training Compliant)	Transportation, Warehousing, and Distribution Logistics	200		
MPCC	Commercial Driver's License (CDL) Prep Course	Transportation, Warehousing, and Distribution Logistics	16		
MPCC	Fuel Systems Certificate	Transportation, Warehousing, and Distribution Logistics		Semester	15
MPCC	Fuel Systems Certificate + Commercial Driver's License (CDL) Prep Course	Transportation, Warehousing, and Distribution Logistics	16	Semester	15
MPCC	Logistics Certificate	Transportation, Warehousing, and Distribution Logistics		Semester	15
MPCC	Passenger Bus Driver Endorsement	Transportation, Warehousing, and Distribution Logistics	104		
MPCC	Passenger Endorsement (Driver Possesses Class B License)	Transportation, Warehousing, and Distribution Logistics	54		
MPCC	Powertrain Certificate	Transportation, Warehousing, and Distribution Logistics		Semester	15
MPCC	School Bus Driver and Passenger Driver Endorsement	Transportation, Warehousing, and Distribution Logistics	120		
MPCC	Transmission & Drive Line Certificate	Transportation, Warehousing, and Distribution Logistics		Semester	12
MPCC	Tune-Up Certificate	Transportation, Warehousing, and Distribution Logistics		Semester	15
NECC	Basic CDL (Class A) Specialized	Transportation, Warehousing, and Distribution Logistics	84		
NECC	Basic CDL Training	Transportation, Warehousing, and Distribution Logistics	108		
NECC	Class B CDL Training	Transportation, Warehousing, and Distribution Logistics	75		
NECC	Class B to Class A Training	Transportation, Warehousing, and Distribution Logistics	50		
NECC	Professional Truck Driving Training	Transportation, Warehousing, and Distribution Logistics	240		
NECC	Remedial CDL Training	Transportation, Warehousing, and Distribution Logistics	40		
SCC	Professional Truck Driving Training Course	Transportation, Warehousing, and Distribution Logistics		Semester	7
WNCC	Commercial Truck Driver Class A	Transportation, Warehousing, and Distribution Logistics	200		
WNCC	Commercial Truck Driver Class B	Transportation, Warehousing, and Distribution Logistics	55		

\* MCC credit hours are on a quarter basis. All other colleges' credit hours are semester credit hours.