

JCCC Program Review Summary 2022

Subject: **Metal Fabrication and Welding**

Resource Utilization Indicators

	Number of Faculty		Student Credit Hours by Faculty Type		
	Full Time	Part Time	Full Time	Part Time	Total
2020	2	6	980	575	1,555
2021	3	5	1,247	413	1,660
2022	3	4	1,463	429	1,892

Notes:

Faculty type determined using cost center (org #). Some subjects may have more than one org #.

A full-time faculty member teaching a subject NOT tied to his or her home cost center is counted as part-time for that subject.

Total Student Credit Hours (SCH) are divided by the number of faculty teaching the class. E.g., for a class generating 30 SCH with 3 full-time faculty, then 10 SCH go to each faculty member.

Quality Indicators - Enrollment

Year	Subject	Subject Prefix	Headcount	Seats Filled	# Sections	Average Class Size	% Student Completion	% Student Success	% Student Attrition	Student Credit Hours
2020	Metal Fabrication and Welding	MFAB	188	567	43	13.2	93	81	6	1,555
2021	Metal Fabrication and Welding	MFAB	190	602	43	14.0	97	88	2	1,660
2022	Metal Fabrication and Welding	MFAB	212	679	58	11.7	94	85	5	1,892

Notes:

Headcount: Unduplicated headcount of students enrolled in an academic year. Includes those who withdrew with a W grade.

Seats Filled: Duplicated headcount of students enrolled in an academic year. Includes those who withdrew with a W grade.

Attrition rate: Number of students with a W grade divided by seats filled.

Success rate: Number of students with grades A, B, C, or P divided by seats filled.

Completion rate: Number of students with grades A, B, C, D, F, or P divided by seats filled.

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Quality Indicators - Program Outcomes

% Placement Rate for Graduates

Employed	2018-2019	2019-2020	2020-2021
Combination Welder I (4600 cert)			
General Basic Welding (4590 cert)			
Introduction to Manufacturing (4320 cert)			
Metal Fabrication/Welding Cert (4790 cert)	100%	62%	55%
Metal Fabrication/Welding Tech (2460 assoc)	80%	33%	57%

Notes:

Source: JCCC Follow-Up Survey

Placement rate calculation: Total employed in a related field divided by the total who responded to the JCCC Follow-up Survey.

of Graduates Transferring

Transfers	2018-2019	2019-2020	2020-2021
Combination Welder I (4600 cert)			
General Basic Welding (4590 cert)			
Introduction to Manufacturing (4320 cert)			
Metal Fabrication/Welding Cert (4790 cert)	0	0	3
Metal Fabrication/Welding Tech (2460 assoc)	0	0	3

of Graduates

Graduates	2019-2020	2020-2021	2021-2022	Total
Metal Fabrication/Welding Cert (4790 cert)	11	18	19	48
Metal Fabrication/Welding Tech (2460 assoc)	9	10	8	27