

JCCC Program Review Summary 2021

Subject: **Metal Fabrication and Welding**

Resource Utilization Indicators

	Number of Faculty		Student Credit Hours by Faculty Type		
	Part Time	Full Time	Part Time	Full Time	Total
2019	7	2	758	726	1484
2020	6	2	575	980	1555
2021	5	3	413	1247	1660

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 (unduplicated)	seats filled	#sections	Average Class Size	% Student Completion	% Student Success	% Student Attrition	Student Credit Hours
2019	Metal Fabrication and Welding	MFAB	187	528	45	11.7	96	88	3	1,484
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

Notes:

Attrition rate: number of students with a W grade divided by total enrolled (unduplicated headcount)

Success rate: number of students with grades A, B, C, or P divided by total enrolled (unduplicated headcount)

Completion rate: number of students with grades A, B, C, D, F, or P divided by total enrolled (unduplicated headcount)

Quality Indicators - Expenses & Revenue

Year	Subject	Direct Tuition Revenue	Direct Expenses	Direct Cost Per CrHr	Total Revenue	Total Expenses	Total Cost Per CrHr
2018	Metal Fabrication and Welding	\$91,501.17	\$459,772.73	\$343.88	\$697,313.07	\$933,824.55	\$698.45
2019	Metal Fabrication and Welding	\$127,192.73	\$526,447.68	\$336.39	\$819,320.20	\$992,876.49	\$634.43
2020	Metal Fabrication and Welding	\$130,293.95	\$471,971.69	\$291.16	\$954,911.58	\$1,018,636.75	\$628.40

Notes:

CrHr: Credit Hour

Direct: Includes department expenses/revenues as well as percentage of direct administrative expenditures.

Indirect: Includes a percentage of expenses and revenues associated with all other areas of campus that provide support to your program.

Total: Includes both direct and indirect

Source Activity Based Cost (ABC) model updated Fall 2020.

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Quality Indicators - Program Outcomes

% Placement Rate for Graduates

Employed	2017-2018	2018-2019	2019-2020
Combination Welder I (4600 cert)			
General Basic Welding (4590 cert)			
Introduction to Manufacturing (4320 cert)			
Metal Fabrication/Welding Cert (4790 cert)	100%	100%	62%
Metal Fabrication/Welding Tech (2460 assoc)	0%	80%	33%

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	2017-2018	2018-2019	2019-2020
Combination Welder I (4600 cert)			
General Basic Welding (4590 cert)			
Introduction to Manufacturing (4320 cert)			
Metal Fabrication/Welding Cert (4790 cert)	0	0	0
Metal Fabrication/Welding Tech (2460 assoc)	1	0	0

of Graduates

Graduates	2018-2019	2019-2020	2020-2021	Total
Metal Fabrication/Welding Cert (4790 cert)	4	11	18	33
Metal Fabrication/Welding Tech (2460 assoc)	7	9	10	26