METAL FABRICATION TECHNOLOGY

Curriculum Guide for Academic Year 2017-2018

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Program of study leading to: Certificates of Achievement

Certificate: Core Skills 3982

REQUIRED COURSES		UI	NITS	In Progress	Completed Grade
MTFAB 50	Introduction to Metalworking		4		
ELECT 202	Electrical Mathematics		3		
ELECT 253	OSHA Standards for Construction Safety		2		
MTFAB 220C	Power Metalworking Machine Operations		4		
MTFAB 260	Blueprint Reading for Metal Fabrication		3		
MTFAB 421	Metal Fabrication and Layout		1		
WELD 50	Introduction to Welding		4		
	TOTAL	UNITS	22		

Certificate: Advanced Skills 3983

REQUIRED (Complete Re	In Progress	Completed Grade		
MTFAB 50	Introduction to Metalworking	4	4	
ELECT 202	Electrical Mathematics			
ELECT 253	OSHA Standards for Construction Safety 2			
MTFAB 220C	Power Metalworking Machine Operations			
MTFAB 260	Blueprint Reading for Metal Fabrication 3			
MTFAB 421	Metal Fabrication and Layout 1			
WELD 50	Introduction to Welding 4			
FORK 801	Forklift Safety & Operation	1		
Advanced Metal Fabricati	lowing areas of emphasis: on and Layout Skills – Complete a minimum of 15 units			
MTFAB 220B	Advanced Metal Layout and Fabrication 4			
MTFAB 220D	CNC Metal Fabrication Systems 4			
MTFAB 270	Metallurgy	3		
DRAFT 201	Introduction to Drafting	4		
WELDOAG	ADO Walding and Fabrication	4		
WELD 212	ARC Welding and Fabrication	4 4 OD		
WELD 213	Introduction to semi-Automatic Welding OR	4 OR		
WELD 413 OR WELD 414 OR	SMAW Flat/Horz Groove Welds with Backing OR SMAW Vert & OV/HD Grv Welds w/ Backing OR	2 OR		1