



Manufacturing Technology Sequence for Apprentices

Year	Course #	Course Title	Credits		Contact Hours
			Basic	Tech	
FIRST	ATMT-1100	Manufacturing Skills I (Basic B/P)	3	}	48
	ATMT-1110	Manufacturing Skills II (Shop Math)	2		32
	ATMT-1200	Machine Tool Theory		[4	64
	ATMT-1950	Field Experience		[2	
SECOND	ATMT-1300	Manufacturing Procedures (Dies)		[2	32
	ATMT-1600	Introduction to AutoCAD (CAD)		[2	48
	ATMT-1500	Manufacturing Tech. Skills I (Int. B/P)		[4	64
	ATMT-1950	Field Experience		[2	
THIRD	ATMT-2300	Advanced Mfg. Procedures (CAD)		[2	32
	ATMT-2600	CNC Programming (CNC Simulator)		[2	48
	ATMT-2500	Manufacturing Tech. Skills II (B/P-Math)		[4	64
	ATMT-1950	Field Experience		[2	
FOURTH	*	Elective		[2	32
	ATMT-2620	CAM Principles (MasterCAM)		[2	48
	ATMT-2700	Manufacturing Tech. Skills III (3D CAD)		[4	64
	ATMT-1950	Field Experience		[2	
↓		Electives			
*	ATMT-2400	Advanced Diemaking		2	32
*	ATMT-2410	Advanced Moldmaking		2	32
*	ATMT-2420	Adv. Precision Machining		2	32
*	ATMT-1000	Mechanical and Spatial Relations		4	64
*	ATMT-2990	Manufacturing Operation Principles		3	48

Total Contact Hours Required

576