

UPDATED 2022				CATALOG CURRENT 2021-2022				
DEPT	NUM	COURSE TITLE	DISCIPLINE	DISCIPLINE 2	DISCIPLINE 3	CROSS LIST	INTERDISC	FSA
AUTO	50A	INTRO TO AUTOMOTIVE PRINCIPLES	AUTO TECH			APRN 50A		AUTO TECH
AUTO	50B	APPLIED AUTOMOTIVE PRINCIPLES	AUTO TECH			APRN 50B		AUTO TECH
AUTO	51A	INTRO TO AUTO PRINCIPLES - CHASSIS SYSTEMS	AUTO TECH			APRN 51A		AUTO TECH
AUTO	51B	APPLICATIONS OF A/P - CHASSIS SYSTEMS	AUTO TECH			APRN 51B		AUTO TECH
AUTO	53A	AUTOMOTIVE MECHANISMS	AUTO TECH			APRN 53A		AUTO TECH
AUTO	53B	AUTOMOTIVE ELECTROMECHANICAL SYSTEMS	AUTO TECH					AUTO TECH
AUTO	57A	CAREER RESEARCH AN EMPLOYMENT IN THE AUTOMOTIVE INDUSTRY	AUTO TECH					AUTO TECH
AUTO	60	AUTOMOTIVE ELECTRICAL SYSTEMS	AUTO TECH			APRN 60		AUTO TECH
AUTO	60A	ELECTRICAL SCHEMATIC DIAGNOSIS	AUTO TECH			APRN 60A		AUTO TECH
AUTO	60B	AUTOMOTIVE ELECTRONICS	AUTO TECH			APRN 60B		AUTO TECH
AUTO	60C	AUTOMOTIVE IGNITION, FUEL, AND EMISSION SYSTEMS	AUTO TECH			APRN 60C		AUTO TECH
AUTO	60D	IGNITION ANALYSIS AND OSCILLOSCOPE DIAGNOSIS	AUTO TECH			APRN 60D		AUTO TECH
AUTO	60E	AUTOMOTIVE FUEL INJECTION	AUTO TECH			APRN 60E		AUTO TECH
AUTO	60F	NO START DIAGNOSIS	AUTO TECH			APRN 60F		AUTO TECH
AUTO	60G	ADVANCED SCAN TOOL DIAGNOSIS	AUTO TECH			APRN 60G		AUTO TECH
AUTO	60H	ADVANCED DRIVABILITY AND ONBOARD DIAGNOSIS	AUTO TECH			APRN 60H		AUTO TECH
AUTO	60J	ADVANCED LAB SCOPE AND WAVEFORM DIAGNOSIS	AUTO TECH			APRN 60J		AUTO TECH
AUTO	60K	AUTOMATIVE BODY ELECTRICAL SYSTEMS	AUTO TECH			APRN 60K		AUTO TECH
AUTO	60N	HYBRID VEHICLES SAFETY AND MAINTENENCE	AUTO TECH			APRN 60N		AUTO TECH
AUTO	61A	AUTOMOTIVE BRAKE SYSTEMS	AUTO TECH			APRN 61A		AUTO TECH
AUTO	61B	ELECTRONICALLY CONTROLLED BRAKE SYSTEMS	AUTO TECH			APRN 61B		AUTO TECH
AUTO	62A	AUTOMOTIVE SUSPENSION, STEERING & ALIGN	AUTO TECH			APRN 62A		AUTO TECH
AUTO	62B	ADVANCED WHEEL ALIGNMENT	AUTO TECH			APRN 62B		AUTO TECH
AUTO	63	AUTOMATIC TRANSMISSIONS AND TRANSAXLES	AUTO TECH			APRN 63		AUTO TECH

AUTO	63A	ADVANCED MANUAL DRIVE TRAIN	AUTO TECH			APRN 63A		AUTO TECH
AUTO	63D	TRANSMISSION DIAGNOSTIC AND REPAIR TECH.	AUTO TECH			APRN 63D		AUTO TECH
AUTO	64	AUTOMOTIVE MACHINING AND ENGINE REPAIR	AUTO TECH			APRN 64		AUTO TECH
AUTO	64HP	HIGH PERFORMANCE ENGINE PREPARATION	AUTO TECH			APRN 64HP		AUTO TECH
AUTO	65P	SMOG INSPECTOR-LEVEL 1 TRAINING	AUTO TECH			APRN 65P		AUTO TECH
AUTO	65W	SMOG INSPECTOR-LEVEL 2 TRAINING	AUTO TECH			APRN 65W		AUTO TECH
AUTO	66	AUTOMOTIVE AIR CONDITIONING	AUTO TECH			APRN 66		AUTO TECH
AUTO	67A	HYBRID ELECTRIC VEHICLES	AUTO TECH			APRN 67A		AUTO TECH
AUTO	67B	PLUG-IN ELECTRIC VEHICLE TECHNOLOGY	AUTO TECH			APRN 67B		AUTO TECH
AUTO	67G	GASEOUS FUELS	AUTO TECH			APRN 67G		AUTO TECH
AUTO	67J	INTRODUCTION TO AUTOMOTIVE AND LIGHT TRUCK DIESEL SYSTEMS	AUTO TECH			APRN 67J		AUTO TECH
AUTO	69Y	SMOG CHECK UPDATE	AUTO TECH					AUTO TECH
AUTO	91A	AUTOMOTIVE BRAKE SYSTEMS	AUTO TECH			---		AUTO TECH
AUTO	92A	AUTOMOTIVE STEERING AND SUSPENSION	AUTO TECH			---		AUTO TECH
AUTO	92B	AUTOMOTIVE ALIGNMENT	AUTO TECH			---		AUTO TECH
AUTO	92C	AUTOMOTIVE ELECTRONIC CHASSIS CONTROLS	AUTO TECH			---		AUTO TECH
AUTO	93A	AUTOMOTIVE FINAL DRIVE TRAIN	AUTO TECH			---		AUTO TECH
AUTO	93B	STANDARD TRANSAXLES	AUTO TECH			---		AUTO TECH
AUTO	93C	AUTOMATIC TRANSMISSION	AUTO TECH			---		AUTO TECH
AUTO	93D	AUTOMATIC TRANSAXLES	AUTO TECH					AUTO TECH
AUTO	93E	DIAGNOSTIC TECHNIQUES	AUTO TECH					AUTO TECH
AUTO	93F	AUTOMOTIVE TRANSMISSION SERVICE	AUTO TECH					AUTO TECH
AUTO	94A	PRINCIPLES OF 4 STROKE CYCLE GAS & DIESEL	AUTO TECH			---		AUTO TECH
AUTO	94B	AUTOMOTIVE MACHINING & ENGINE SERVICE	AUTO TECH			---		AUTO TECH
AUTO	94C	AUTOMOTIVE MACHINING & ENGINE SERVICE	AUTO TECH			---		AUTO TECH
AUTO	94D	AUTOMOTIVE MACHINING & ENGINE SERVICE	AUTO TECH			---		AUTO TECH
AUTO	94E	AUTOMOTIVE MACHINING AND ENGINE SERVICE	AUTO TECH					AUTO TECH
AUTO	94F	AUTOMOTIVE MACHINING AND ENGINE SERVICE	AUTO TECH					AUTO TECH

AUTO	99A	AUTOMOTIVE ELECTRICITY, BATTERY, AND CRANKING SYSTEMS	AUTO TECH						AUTO TECH
AUTO	99B	AUTOMOTIVE CHARGING, IGNITION, AND ACCESSORY SYSTEMS	AUTO TECH						AUTO TECH
AUTO	99C	INTRODUCTION TO ENGINE PERFORMANCE SYSTEMS	AUTO TECH						AUTO TECH
AUTO	99D	INTERMEDIATE ENGINE PERFORMANCE SYSTEMS	AUTO TECH						AUTO TECH
AUTO	99E	BASIC ENGINE PERFORMANCE DIAGNOSTIC PROCEDURES	AUTO TECH						AUTO TECH
AUTO	99F	INTERMEDIATE ENGINE PERFORMANCE DIAGNOSTIC PROCEDURES	AUTO TECH						AUTO TECH
AUTO	350A	INTRO TO AUTOMOTIVE PRINCIPLES	AUTO TECH						AUTO TECH
AUTO	350B	APPLIED AUTOMOTIVE PRINCIPLES	AUTO TECH						AUTO TECH
AUTO	351A	INTRO TO AUTO PRINCIPLES - CHASSIS SYSTEMS	AUTO TECH						AUTO TECH
AUTO	351B	APPLICATIONS OF A/P - CHASSIS SYSTEMS	AUTO TECH						AUTO TECH
AUTO	353A	AUTOMOTIVE MECHANISMS	AUTO TECH						AUTO TECH
AUTO	357A	CAREER RESEARCH AN EMPLOYMENT IN THE AUTOMOTIVE INDUSTRY	AUTO TECH						AUTO TECH
AUTO	360	AUTOMOTIVE ELECTRICAL SYSTEMS	AUTO TECH						AUTO TECH
AUTO	360A	ELECTRICAL SCHEMATIC DIAGNOSIS	AUTO TECH						AUTO TECH
AUTO	360B	AUTOMOTIVE ELECTRONICS	AUTO TECH						AUTO TECH
AUTO	360C	AUTOMOTIVE IGNITION, FUEL, AND EMISSION SYSTEMS	AUTO TECH						AUTO TECH
AUTO	360D	IGNITION ANALYSIS AND OSCILLOSCOPE D	AUTO TECH						AUTO TECH
AUTO	360E	AUTOMOTIVE FUEL INJECTION	AUTO TECH						AUTO TECH
AUTO	360F	NO START DIAGNOSIS	AUTO TECH						AUTO TECH
AUTO	360G	ADVANCED SCAN TOOL DIAGNOSIS	AUTO TECH						AUTO TECH
AUTO	360H	ADVANCED DRIVABILITY AND ONBOARD DIAGNOSIS	AUTO TECH						AUTO TECH
AUTO	360J	ADVANCED LAB SCOPE AND WAVEFORM DIAGNOSIS	AUTO TECH						AUTO TECH
AUTO	360K	AUTOMATIVE BODY ELECTRICAL SYSTEMS	AUTO TECH						AUTO TECH
AUTO	360N	HYBRID VEHICLES SAFETY AND MAINTENANCE	AUTO TECH						AUTO TECH
AUTO	361A	AUTOMOTIVE BRAKE SYSTEMS	AUTO TECH						AUTO TECH

AUTO	361B	ELECTRONICALLY CONTROLLED BRAKE SYSTEMS	AUTO TECH					AUTO TECH
AUTO	362A	AUTOMOTIVE SUSPENSION, STEERING & ALIGNMENT	AUTO TECH					AUTO TECH
AUTO	362B	ADVANCED WHEEL ALIGNMENT	AUTO TECH					AUTO TECH
AUTO	363	AUTOMATIC TRANSMISSIONS AND TRANSAXLES	AUTO TECH					AUTO TECH
AUTO	363A	ADVANCED MANUAL DRIVE TRAIN	AUTO TECH					AUTO TECH
AUTO	363D	TRANSMISSION DIAGNOSTIC AND REPAIR TECH.	AUTO TECH					AUTO TECH
AUTO	364	AUTOMOTIVE MACHINING AND ENGINE REPAIR	AUTO TECH					AUTO TECH
AUTO	364H	HIGH PERFORMANCE ENGINE PREPARATION	AUTO TECH					AUTO TECH
AUTO	365P	SMOG INSPECTOR-LEVEL 1 TRAINING	AUTO TECH					AUTO TECH
AUTO	365W	SMOG INSPECTOR-LEVEL 2 TRAINING	AUTO TECH					AUTO TECH
AUTO	366	AUTOMOTIVE AIR CONDITIONING	AUTO TECH					AUTO TECH
AUTO	367A	HYBRID ELECTRIC VEHICLES	AUTO TECH					AUTO TECH
AUTO	367B	PLUG-IN ELECTRIC VEHICLE TECHNOLOGY	AUTO TECH					AUTO TECH
AUTO	367G	GASEOUS FUELS	AUTO TECH					AUTO TECH
AUTO	367J	INTRODUCTION TO AUTOMOTIVE AND LIGHT TRUCK DIESEL SYSTEMS	AUTO TECH					AUTO TECH
DMT	52	GEOMETRIC DIMENSIONING AND TOLERANCING: CAD APPLICATIONS	MF TECH					MACH TOOL TECH
DMT	53	3D PRINTING, REVERSE ENGINEERING, AND RAPID PROTOTYPING	MF TECH					MACH TOOL TECH
DMT	54	3D PRINTING/ADDITIVE MANUFACTURING: THEORY AND PRACTICE	MF TECH					
DMT	55	SURVEY OF DESIGN AND MANUFACTURING PROCESSES	MF TECH					MACH TOOL TECH
DMT	56	3D PRINTING FOR AM SUPPORT TECHNICIANS AND DESIGNERS	MF TECH					
DMT	57	DESIGN FOR ADDITIVE MANUFACTURING (DIAMETER)	MF TECH					
DMT	60A-E	SOLIDWORKS (INTRODUCTION)	MF TECH					MACH TOOL TECH
DMT	61A-E	SOLIDWORKS (INTERMEDIATE)	MF TECH					MACH TOOL TECH
DMT	62A-E	SOLIDWORKS: TOP DOWN DESIGN AND ADVANCED SYSTEM TOOLS	MF TECH					MACH TOOL TECH
DMT	63A-E	SOLIDWORKS: SURFACE MODELING	MF TECH					MACH TOOL TECH
DMT	64A-E	SOLIDWORKS SIMULATION (FINITE ELEMENT ANALYSIS)						
DMT	65A-E	CREO PARAMETRIC (BEGINNING)	MF TECH					MACH TOOL TECH
DMT	66A-E	CREO PARAMETRIC (INTERMEDIATE)	MF TECH					MACH TOOL TECH

DMT	67A-E	CREO PARAMETRIC: TOP DOWN DESIGN AND ADVANCED SYSTEM TOOLS	MF TECH					MACH TOOL TECH
DMT	68A-E	CREO PARAMETRIC SURFACE MODELING	MF TECH					MACH TOOL TECH
DMT	70A-E	INTRODUCTION TO COMPUTER AIDED DESIGN USING AUTODESK INVENTOR	MF TECH					MACH TOOL TECH
DMT	73A-E	INTRODUCTION TO COMPUTER AIDED DESIGN USING SIEMENS NX	MF TECH					MACH TOOL TECH
DMT	75A-E	SPECIAL PROJECTS IN MANUFACTURING AND CNC/MASTERCAM CERTIFICATION 1	MF TECH					MACH TOOL TECH
DMT	77A	SPECIAL PROJECTS IN MANUFACTURING AND CNC/MASTERCAM CERTIFICATION 1	MF TECH					MACH TOOL TECH
DMT	77B	SPECIAL PROJECTS IN MANUFACTURING AND CNC/MASTERCAM CERTIFICATION 1	MF TECH					MACH TOOL TECH
DMT	77C	SPECIAL PROJECTS IN MANUFACTURING AND CNC/MASTERCAM CERTIFICATION 1	MF TECH					MACH TOOL TECH
DMT	77D	SPECIAL PROJECTS IN MANUFACTURING AND CNC/MASTERCAM CERTIFICATION 1	MF TECH					MACH TOOL TECH
DMT	77E	SPECIAL PROJECTS IN MANUFACTURING AND CNC/MASTERCAM CERTIFICATION 1	MF TECH					MACH TOOL TECH
DMT	77F	SPECIAL PROJECTS IN MANUFACTURING AND CNC/MASTERCAM CERTIFICATION 1	MF TECH					MACH TOOL TECH
DMT	77G	SPECIAL PROJECTS IN 3D PRINTING/ADDITIVE MANUFACTURING	MF TECH					MACH TOOL TECH
DMT	7H	SPECIAL PROJECTS FOR ADITIVE MANUFACTURING	MF TECH					MACH TOOL TECH
DMT	77J	SPECIAL PROJECTS IN ADDITIVE MANUFACTURING	MF TECH					MACH TOOL TECH
DMT	77XY	SPECIAL PROJECTS IN CAD	MF TECH					MACH TOOL TECH
DMT	80	INTRODUCTION TO MACHINING AND CNC PROGRAMMING	MF TECH					MACH TOOL TECH
DMT	82	ADVANCED CONVENTIONAL MACHINE TOOL TECHNOLOGY	MF TECH					MACH TOOL TECH
DMT	84A	INTRODUCTION TO CNC PROGRAMMING AND OPERATION; INTRODUCTION TO MACHINING	MF TECH					MACH TOOL TECH
DMT	84B	CNC PROGRAMMING AND OPERATION; INTRODUCTION TO MACHINING	MF TECH					MACH TOOL TECH
DMT	84C	CNC LATHES-HORIZONTAL MILL-4TH	MF TECH					MACH TOOL TECH
DMT	87D-E	CAD/CAM BASED PROGRAMMING USING MASTERCAM	MF TECH					MACH TOOL TECH
DMT	87J-K	CAD/CAM BASED CNC SURFACE CONTOURING	MF TECH					MACH TOOL TECH
DMT	87N,P	CAD/CAM BASED CNC 4 AND 5 AXIS MILL/LATHE PROGRAMMING USING MASTERCAM	MF TECH					MACH TOOL TECH
DMT	89A-E	CAM BASED CNC MULTI-AXIS PROGRAMMING USING NX	MF TECH					MACH TOOL TECH
DMT	90	PRINT READING AND DIMENSIONAL METROLOGY	MF TECH					MACH TOOL TECH
DMT	91	DIMENSIONAL METROLOGY	MF TECH					MACH TOOL TECH
DMT	92	APPLIED GD&T (ASME Y14.5M); COORDINATE MEASUREMENT	MF TECH					MACH TOOL TECH
DMT	93	INTRODUCTION TO QUALITY ASSURANCE	MF TECH					MACH TOOL TECH
DMT	95	MANUFACTURING MATERIALS AND PROCESS	MF TECH					MACH TOOL TECH
DMT	101	CAD TECHNOLOGY LABORATORY CREO PARAMETRIC	MF TECH					MACH TOOL TECH
DMT	102	CAD TECHNOLOGY LABORATORY CREO SOLIDWORKS	MF TECH					MACH TOOL TECH
DMT	103	CAD TECHNOLOGY LABORATORY CREO PARAMETRIC	MF TECH					MACH TOOL TECH

DMT	104	CAD TECHNOLOGY LABORATORY SOLIDWC	MF TECH					MACH TOOL TECH
DMT	105	CAD TECHNOLOGY LABORATORY CREO PA	MF TECH					MACH TOOL TECH
DMT	106	CAD TECHNOLOGY LABORATORY SOLIDWC	MF TECH					MACH TOOL TECH
DMT	107	CAD TECHNOLOGY LABORATORY CREO PA	MF TECH					MACH TOOL TECH
DMT	108	CAD TECHNOLOGY LABORATORY SOLIDWC	MF TECH					MACH TOOL TECH
DMT	109	CAD TECHNOLOGY LABORATORY CREO PA	MF TECH					MACH TOOL TECH
DMT	110	CAD TECHNOLOGY LABORATORY GEOMET	MF TECH					MACH TOOL TECH
DMT	201	MANUFACTURING AND CNC TECHNOLOGY	MF TECH					MACH TOOL TECH
DMT	202	MANUFACTURING AND CNC TECHNOLOGY	MF TECH					MACH TOOL TECH
DMT	203	MANUFACTURING AND CNC TECHNOLOGY	MF TECH					MACH TOOL TECH
DMT	204	MANUFACTURING AND CNC TECHNOLOGY	MF TECH					MACH TOOL TECH
DMT	205	MANUFACTURING AND CNC TECHNOLOGY	MF TECH					MACH TOOL TECH