

## Automotive: Brakes (A5)

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**CIP CODE 47.0604**

THE BRAKES PROGRAM WILL FOCUS ON: HYDRAULIC SYSTEMS DIAGNOSIS AND REPAIR, DRUM BRAKE DIAGNOSIS AND REPAIR, DISC BRAKE DIAGNOSIS AND REPAIR, POWER ASSIST UNITS DIAGNOSIS AND REPAIR, MISCELLANEOUS SYSTEMS DIAGNOSIS AND REPAIR, ELECTRONIC BRAKE CONTROL SYSTEMS.

OUTCOMES	Delivery Method	DE/DE (min 8 - max 21)
MATC BRAKES Program Certificate	Enrollment Availability	Adults, HS 11-12 Grade (8/20)
ASE A5 BRAKES Program Certification	Financial Aid Available	No
	VA Qualified	Pending

**PREREQUISITES**

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Students need to meet with an Automotive Program instructor prior to the first day of class.

G1 Maintenance And Light Repair Course passed with 80% grade Prior To Enrollment. This May Be Waived By Completion of a Placement Exam, or Program Instructor Approval/ Prior Work Experience

All students must have a valid driver's license

SECTION	LOCATION	ROOM	START DATE	END DATE	START TIME	END TIME	DAYS	INSTRUCTOR	NOTES
	Spanish Fork	Auto Bldg			7:30 AM	10:30 AM	M-F	Matt Zufelt	
	Thanksgiving Point	Auto Bldg			7:30 AM	10:30 AM	M-F	Dave Simmons	

TUITION /FEES	COST	NOTES
Registration Fee	#REF!	#REF!
Facilities Fee	#REF!	
Program Fees	\$100.00	#REF!
Tuition	#REF!	
<b>Total Tuition and Fees</b>	<b>#REF!</b>	<b>#REF!</b>

REQUIRED PROGRAM MATERIALS	COST	NOTES
Thompson Automotive Technology a Systems Approach, 6th edition	\$111.00	ISBN:9781133612315
Brake Systems NATEF standards job sheets	\$55.95	ISBN:9781111647018
Shop Workshirt	\$50.00	Students only need one shirt -They will not be charged for a shirt if they have one from a previous MATC Auto class
Tool Kit	\$150.00	A detailed list will be distributed on the first day of instruction
Safety Glasses	\$10.00	
<b>Total</b>	<b>\$376.95</b>	

OPTIONAL PROGRAM MATERIALS	COST	NOTES
ASE Certification Exams	\$37.00	Fee paid to ASE at time of test registration
<b>Total</b>	<b>\$37.00</b>	

PROGRAM COMPONENTS	LAB	LECTURE	HYBRID	TOTAL	NOTES
HYDRAULIC SYSTEM DIAG/REPAIR	21	11		32	
DRUM BRAKE DIAGNOSIS & REPAIR	9	4		13	
DISC BRAKE DIAGNOSIS & REPAIR	18	9		27	
POWER ASSIST UNITS DIAG/REPAIR	7	4		11	
MISCELLANEOUS SYS DIAG/REPAIR	13	6		19	
ELECTRONIC BRAKE SYSTEMS	22	11		33	
<b>Total</b>	<b>90</b>	<b>45</b>		<b>135</b>	Average 2.25 months or 45 days excluding wknds and holiday

\*\*\*\*\* Additional Information \*\*\*\*\*

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<b>All students must meet with an MATC Career Counselor and Auto Program Instrucotr and get a signed Training Agreement Form from them before enrolling in the program</b>