

**Michigan Department of Education (MDE)**  
**Office of Career and Technical Education (OCTE)**  
 and  
**Delta College**  
 with  
**47.0604 Automobile Technician (ASE Certified) State Approved Programs**  
**Entry-Level Maintenance Light Repair (MLR)**

The purpose of this agreement is to facilitate the transition of students from any Michigan Department of Education – Office of Career and Technical Education (MDE-OCTE) 47.0604 Automobile Technician (ASE Certified) state approved program to the Delta College (Delta) [ASE Accredited AAS Master Automotive Service Technician program](#).

**Students can earn up to 23 articulated credits by completing the following:**

- Complete high school coursework and demonstrate proficiency of the 8 ASE Entry-Level MLR competencies (same as the 8 MLR Level 1 AUTO courses at Delta).
- Complete a two-year high school program with a total of at least 540 hours and a 2.0/C or higher grade in each of the completed CTE courses.
- Submit documented evidence of an 80-hour MLR Internship (AUTO 110).
- Submit the completed Articulation Application Packet with required documentation.

**Students can earn partial credit by completing the following:**

- Complete high school coursework and demonstrate proficiency of some, but not all, of the 8 ASE Entry-Level MLR competencies (same as the 8 MLR Level 1 AUTO courses at Delta).
- Complete a high school program, or part thereof, with a 2.0/C or higher grade in each of the completed CTE courses but has not attained 540 hours.
- Submit documented evidence of an 80-hour MLR Internship (AUTO 110), if completed.
- Submit the completed Articulation Application Packet with required documentation.

**Additional credit opportunity:** The ASE Entry-Level (MR) test is not equivalent to completing the ASE Professional G1 Certification test. In the rare occasion that a high school student has taken and passed the ASE Professional Level G1 test, the student will receive credit by portfolio option for AUTO 149 MLR Capstone course at Delta College.

**Aligned/Articulated Courses:**

Michigan Career Cluster (Secondary):

Transportation, Distribution & Logistics

STATE APPROVED SECONDARY PROGRAM	
Automobile Technician (ASE Certified)	
CIP Code Number:	47.0604

Aligned /  
Articulated  
Programs

DELTA COLLEGE PROGRAM	
AAS Automotive Service Technology	
CIP Code Number:	47.0604

STATE OF MICHIGAN ASE ENTRY-LEVEL MLR	COMPETENCIES COMPLETED
Engine Repair	
Automatic Transmission	
Manual Drive Trains and Axles	
Suspension and Steering	
Brakes	
Electrical/Electronic Systems	
Heating/Air Conditioning	
Engine Performance	
MLR Internship (80 hours)	

Aligned /  
Articulated  
with

COURSE NUMBER	DELTA COLLEGE MLR LEVEL 1 COURSES	COLLEGE CREDITS
AUTO 101	Engine Repair	3
AUTO 102	Automatic Transmission	3
AUTO 103	Manual Drive Trains and Axles	2
AUTO 104	Suspension and Steering	3
AUTO 105	Brakes	2
AUTO 106	Electrical/Electronic Systems	4
AUTO 107	Heating/Air Conditioning	2
AUTO 108	Engine Performance	3
AUTO 110	MLR Internship (80 hours)	1
<b>MLR Level 1 Possible Articulated Credits</b>		<b>23</b>

**Conditions of Agreement**

The high school teacher submits the Articulation Application Packet to [articulation@delta.edu](mailto:articulation@delta.edu), on behalf of the student, certifying the competencies the student has completed in the CTE program, and that the student has the skills to enroll in the coursework at Delta. The Articulation Application Packet should only be submitted once per student after their highest level of the high school CTE coursework is completed.

- The student shall meet the entrance requirements and have applied to attend Delta College prior to receiving articulated credit.
- Delta AUTO course articulated credit will be granted after the Articulation Application Packet has been submitted and reviewed to confirm successful completion of the ASE equivalent courses and competencies.
- To ensure quality assurance Delta will conduct random audits to verify that the school is meeting the ASE program accreditation requirements and following the program's policies and procedures.
- Articulated credit hours will appear on the Delta transcript by course name and code. No grades will be recorded.
- Tuition and fees will not be charged for articulated credits under this agreement.
- Articulated credits granted are valid for 27 months after program completion, after which time they expire and are no longer available.

Delta will award articulated credit to students in a state approved 47.0604 Automobile Technician (ASE Certified) program covering Entry-Level Maintenance Light Repair (MLR) competencies according to the conditions/requirements as outlined in this agreement.

Secondary Program Information	Delta College Information
Michigan Department of Education Office of Career and Technical Education 608 West Allegan Street, P. O. Box 30712 Lansing, Michigan 48909	Delta College Articulation Office 1961 Delta Road University Center, MI 48710
<i>Brian Pyles</i> <small>Brian Pyles (Apr 3, 2023 16:04 EDT)</small>	<i>James Miller</i> <small>James Miller (Mar 23, 2023 14:55 EDT)</small>
Brian L. Pyles, Ph.D., Director Michigan Department of Education Office of Career and Technical Education	James Miller, Coordinator of Automotive Service Programs
Date	Date
	<i>Susan Roche</i> Susan Roche, Associate Dean of Business & Technology Division
	Date
	<i>Eduardo Suniga</i> Eduardo Suniga, Dean of Career Education & Learning Partnerships
	Date

For the purposes of students enrolling and receiving articulated credit, this agreement is implemented for the current school year (see Implementation Date) that it is signed and remains effective through the next five (5) school years (see Expiration Date below), unless an Amendment or Addendum with an agreed upon extension is attached, which would extend the Expiration Date and Date of Discard.

This agreement and corresponding application are valid until Date of Discard. Attached to this agreement is a 2+2 Program of Study for this agreement. This agreement may be terminated at any time by either the MDE-OCTE or Delta by providing ninety (90) days' notice. In the event of a termination, both entities agree that students who are currently in secondary courses and working toward fulfilling the outcomes or who are in their first semester at Delta will be allowed to complete the articulated credit.

FOR OFFICE USE ONLY			
Implementation Date:	September 1, 2022	Expiration Date:	June 30, 2027-Unless an Amendment with an agreed upon extension is attached.
Date of Discard	June 30, 2028-Unless an Amendment with an agreed upon extension is attached or this agreement is renewed.		



**47.0604 Automobile Technician (ASE Certified)  
Statewide Program  
Articulation Application Packet**



**MDE – OCTE<sup>1</sup> & Delta College  
47.0604 Automobile Technician (ASE Certified)  
Entry- Level Maintenance Light Repair (MLR)  
School Years 2022-2023 – 2026-2027**

Student's Full Name		CTE High School Teacher's Name				
Address, City, State and Zip		CTE High School Teacher's Signature				
Phone		ASE Certification Number	Date Program was Completed			
Student e-mail (not high school account)		CTE High School Institution Name				
High School Graduation Year	Birth date	For Office Use Only	<table style="width:100%; border: none;"> <tr> <td style="border: none;">Student ID Number</td> <td style="border: none;">Date Articulation Office Received Application</td> <td style="border: none;">Date Application Expires (27 months after program is completed)</td> </tr> </table>	Student ID Number	Date Articulation Office Received Application	Date Application Expires (27 months after program is completed)
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Complete teacher and student information above. Check only the appropriate course(s) to be articulated in the table below.

State of Michigan	Delta College MLR Level 1 Courses	CTE HS Teacher Approval	Delta Approval
<b>47.0604 Entry-Level Automobile Technician (ASE Certified)</b>	AUTO 101 Engine Repair (3)	<input type="checkbox"/>	
	AUTO 102 Automatic Transmission (3)	<input type="checkbox"/>	
	AUTO 103 Manual Drive Trains and Axles (2)	<input type="checkbox"/>	
	AUTO 104 Suspension and Steering (3)	<input type="checkbox"/>	
	AUTO 105 Brakes (2)	<input type="checkbox"/>	
	AUTO 106 Electrical/Electronic Systems (4)	<input type="checkbox"/>	
	AUTO 107 Heating and Air Conditioning (2)	<input type="checkbox"/>	
	AUTO 108 Engine Performance (3)	<input type="checkbox"/>	
	<b>AUTO 110* MLR Internship (80 hours) (1)</b>	Submitted <input type="checkbox"/>	

**\* AUTO 110 MLR Internship**  
The Maintenance Light Repair Internship Verification Form needs to be completed and submitted with this application for the Automotive Program Coordinator's review and to receive credit for AUTO 110.

**See page 2 for Conditions of Agreement and Instructions to submit Articulation paperwork.  
See page 3 for AUTO 110 Verification Maintenance Light Repair Internship Form.**

<sup>1</sup> MDE – OCTE: Michigan Department of Education – Office of Career and Technical Education

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**47.0604 Automobile Technician (ASE Certified)  
Statewide Program  
Articulation Application Packet**



**AUTO 110 Verification Form  
Maintenance Light Repair (MLR) Internship  
For the Career and Technical Education (CTE) student in a  
47.0604 Automobile Technician (ASE Certified) State Approved Program**

**Student ID Information**

Student's Full Name			
Student's Signature			
Address			
City State Zip			
Phone		Birthdate	/ /

**School Information**

CTE Program School Name	
CTE High School Teacher's Name	
CTE High School Teacher's Signature	

**Intern Facility Information**

Name of Business	
State of Michigan Repair Facility ID#	
Supervisor Name	
Mentor's State of Michigan Mechanic's #	
Phone	

**Internship Details**

Start Date	/ /	End Date	/ /	Number of Hours (minimum of 80 hours)	
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This form **must** be submitted with the **Articulation Application Packet** by the **CTE High School Teacher** directly to: [articulation@delta.edu](mailto:articulation@delta.edu)



## Articulation Agreement 2 + 2 Program of Study



School Year: 2021-2022 through 2026-2027

High School/CTE Agency: Michigan Department of Education – Statewide Articulation

State-Approved CTE Program Name: Automobile Technician (ASE Certified) Statewide Program

Secondary Program CIP Code Number: 47.0604

PSN from CTEIS: \_\_\_\_\_

Freshman – 9 <sup>th</sup> grade		Sophomore – 10 <sup>th</sup> grade		Junior – 11 <sup>th</sup> grade		Senior – 12 <sup>th</sup> grade	
1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
English 9	English 9	English 10	English 10	English 11	English 11	English 12	English 12
Physical Science	Physical Science	Biology	Biology	Chemistry	Physics	Economics	Civics
Algebra I	Algebra I	Geometry	Geometry	Algebra II	Algebra II	World History	World History
Foreign Language	Foreign Language	U.S. History	U.S. History	Elective	Elective	Senior Math	Senior Math
Health	Physical Education	Foreign Language	Foreign Language	AUTO 101*	AUTO 103*	AUTO 105*	AUTO 107*
Related Elective	Related Elective	Related Elective	Related Elective	AUTO 102*	AUTO 104*	AUTO 106*	AUTO 108*

Community College/Associate Degree:

[Delta College AAS Automotive Service Technology](#)

State-Approved CTE/Occupational Program Name: Automobile Technician (ASE Certified) Statewide Program

State-Approved CTE/Occupational Program Postsecondary CIP Code Number: 47.0604

Grade 13			Grade 14		
1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	3 <sup>rd</sup> Semester	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	3 <sup>rd</sup> Semester
AUTO 101 (3)*	AUTO 105 (2)*		AUTO 160 (1)	AUTO 231 (2)	
AUTO 102 (3)*	AUTO 106 (4)*		AUTO 232W (4)	AUTO 236 (3)	
AUTO 103 (2)*	AUTO 107 (2)*		AUTO 233 (2)	AUTO 237 (2)	
AUTO 104 (3)*	AUTO 108 (3)*		AUTO 234 (3)	AUTO 238W (4)	
AUTO 110 (1)*	AUTO 149 (1)		AUTO 235 (2)	AUTO 249 (1)	
ENG 111 (3)	LW 223W (2)		ENG 113 (3)	POL 103W	
MIT 118 (2)	MGT 110 (3)				
*These courses are eligible for articulation and possible credits earned.					

This is a possible course sequence; each student should seek the advice from their Academic Student Success Advisor for planning courses based on the current and/or appropriate college catalog to complete degree requirements.