

HATC AUTOMOTIVE TECHNOLOGY SYLLABUS 2021-2022

SCHOOL:	Huron Area Technical Center	Instructor:	Terry Tuckey
ADDRESS:	1160 S. Vandyke Road, Bad Axe, MI 48413 Room B132 and B136	Phone:	989.269.9284 ext.2128
URL:	www.huronisd.org	Email:	ttuckey@huronisd.org

COURSE DESCRIPTION:

The automobile is a composite of many complex systems. These systems require routine maintenance, diagnosis and service. Service Technicians face the challenge of the systems found in the automobile and the interrelationships of the systems. Through a combined effort of Huron Area Technical Center Automotive Technology Instructor, various postsecondary educational institutions, industry representatives, National Automotive Technicians Education Foundation (NATEF), National Institute for Automotive Service Excellence (ASE) and the Department of Vocational and Technology education, a newly revised curriculum has been developed to assist students in becoming the leaders in a rapidly changing career.

The curriculum is designed to help students achieve the necessary understanding of automotive principles through a variety of experiences including actual lab activities. Students will be exposed to many careers which require the same basic knowledge of the automobile and integrated mechanical/electronic systems.

The course is reflective of national automotive training standards established by the National Institute for Automotive Service Excellence (ASE). These recognized areas of automotive repair will be addressed in this program. The areas include engine repair, suspension and steering, brakes, electrical/electronic systems, and heating and air conditioning systems. The program will begin with an introduction to automotive technology which will cover those areas that are genetic to all mechanical areas such as tools, safety, materials, communication skills, career and employability skills.

COURSE GOALS & OBJECTIVES:

The primary goal of the cooperative method of vocational education is to prepare skilled, responsible individuals who can assume a productive role in the community. Specific objectives to meet the primary goals are:

- To prepare individuals for employment, post-secondary education, adjustment and advancement in specified occupations or occupational areas (primary objective)
- To provide an understanding of the contribution of work to the social and economic welfare of our nation
- To provide students with an understanding and appreciation of the American Free enterprise system
- To foster an awareness of the civic, social and moral responsibilities of individuals to society
- To stimulate students interest in their chosen occupational fields and provide an understanding of the opportunities in each field
- To provide training that results in job performance efficiency, industry recognized certifications and credentials
- To provide curriculum which is sensitive and adaptable to changes in occupational practices and procedures as they are affected by societal, economic, technical and educational developments
- To strive to develop a greater appreciation of the value of specifically trained personnel among employers, employees and consumers
- To reinforce skills learned in the school laboratory
- To provide experiences with tools and equipment not available in the school library
- To supplement and broaden the school curriculum into areas not otherwise available

ATTENDANCE POLICY AND GRADE REDUCTION	<p>The Huron Area Technical Center places a high priority on attendance because the attendance pattern established by the student in school often sets an attendance pattern for employment. To benefit from the primary purpose of the school experience, it is essential that each student maintain regular and punctual attendance. Class attendance is necessary for learning and academic achievement as well as for developing the habits of <u>punctuality, dependability, and self-discipline demanded by business and industry.</u> Regular attendance in the Technical Center’s labs is essential to allow students to fully participate in class instruction, discussion and skill development. Absences beyond eight days per semester are considered excessive. Both excused and unexcused absences are charged in the total.</p>																																				
STUDENT ASSESSMENT	<table border="1" data-bbox="289 474 431 919"> <tr><td>A</td><td>100</td><td>93</td></tr> <tr><td>A-</td><td>92.99</td><td>90</td></tr> <tr><td>B+</td><td>89.99</td><td>87</td></tr> <tr><td>B</td><td>86.99</td><td>83</td></tr> <tr><td>B-</td><td>82.99</td><td>80</td></tr> <tr><td>C+</td><td>79.99</td><td>77</td></tr> <tr><td>C</td><td>76.99</td><td>73</td></tr> <tr><td>C-</td><td>72.99</td><td>70</td></tr> <tr><td>D+</td><td>69.99</td><td>67</td></tr> <tr><td>D</td><td>66.99</td><td>63</td></tr> <tr><td>D-</td><td>62.99</td><td>60</td></tr> <tr><td>E</td><td>59.99</td><td>0</td></tr> </table> <p>The system by which a student EARNs his/her grade has been developed and refined over the years to be as objective and fair as possible. The system is as follows:</p> <ol style="list-style-type: none"> 1. Skill Training - 60% of the total grade consists of combination of Hands-on tasks and shop skills and/or work experience (if applicable), completion of tasks sheets given for each study area, and a daily grade based on a Daily Grade Sheet. The Daily Grade Sheet is the students account and reflection of their activity for that day. A portion of safety training and career skills will be included along with on-line shop skills should the need arise. 2. There will be a possibility of earning 10 points each day for a daily grade and will be assessed on that days Daily Grade Sheet. Following safety rules, proper completion of a Daily Grade Sheet, responsible, follows direction and initiative will each be worth one point. Corporate clean-up two points and job performance including cleaning own area three points. 3. A call-in or prearranged absents with a Daily Grade Sheet will earn two points for that day. Make-up points for an excused absents are available by following the directions on the Daily Grade Sheet for a written report. 4. The balance of the grade is tests and Homework Assignments that will be given over the period of the school year. These assignments and tests are related to the subject matter that is to be covered in the lab. A student is required to keep a notebook in class and it will be their responsibility to keep all handouts and various materials in a neat and organized matter. 5. A final exam grade will be based on completion of their Basic Competency Task Sheet skills. 	A	100	93	A-	92.99	90	B+	89.99	87	B	86.99	83	B-	82.99	80	C+	79.99	77	C	76.99	73	C-	72.99	70	D+	69.99	67	D	66.99	63	D-	62.99	60	E	59.99	0
A	100	93																																			
A-	92.99	90																																			
B+	89.99	87																																			
B	86.99	83																																			
B-	82.99	80																																			
C+	79.99	77																																			
C	76.99	73																																			
C-	72.99	70																																			
D+	69.99	67																																			
D	66.99	63																																			
D-	62.99	60																																			
E	59.99	0																																			
Cell Phones, Cheating and Misuse of Resources	<p>The unauthorized use of a cell phone is misuse. Representing someone else’s work as your own is cheating. Misuse of time, resources and ideas will be disciplined as described in the Classroom Guidelines and laid out in the student handbook.</p>																																				
CDL	<p>The opportunity to complete a commercial drivers license course is available to motivated Seniors.</p>																																				
ARTICULATED CREDIT	<p>Articulation Agreements are in place with various colleges and trade schools for students desiring additional training at the post secondary level. Students will be granted credit for those competencies completed during the secondary program and advance placement status in an associate degree program or certificate program. Delta College is granting as many as 23 credits to successful completers.</p>																																				
YOUTH CLUB	<p>SkillsUSA is the student organization which reinforces classroom studies by providing communications, leadership, human relations and employability skills. SkillsUSA also reinforces specific vocational skills. The Automotive Professional Development Program designed by the automotive industry for SkillsUSA is the recommended medium for leadership, employability and human relations instruction. This highly successful program is based on the foundation of performance awards.</p> <p>SkillsUSA offers various contests in all the skill and leadership areas it serves. This also pertains to leadership areas. First and second place regional winners then move on to the state level contest. The state winners then compete at the national level of the United States Skill Olympics.</p> <p style="text-align: center;"><i>The instructor reserves the right to make adjustments to this syllabus as needed.</i></p>																																				