

# AUTOMOTIVE TECHNOLOGY

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## FIRST YEAR

### FIRST SEMESTER

COURSE #..... COURSE NAME..... CREDITS

- AT 100 ..... SHOP ORIENTATION/SAFETY ..... 1
- AT 110A ..... SUSPENSION & STEERING I..... 3
- AT 120 ..... WHEEL ALIGN DIAGNOSIS & REPAIR ..... 4

TOTAL SEMESTER CREDITS ..... 8

### SECOND SEMESTER

COURSE #..... COURSE NAME..... CREDITS

- AT 149 ..... ELECTRICAL I ..... 3
- AT 150A ..... AUTOMOTIVE ELECTRONICS ..... 2
- AT 155A ..... BATT. STARTING/CHARGING SYS ..... 3

TOTAL SEMESTER CREDITS ..... 8

## SECOND YEAR

### THIRD SEMESTER

COURSE #..... COURSE NAME..... CREDITS

- AT 131 ..... BRAKES I ..... 3
- AT 135 ..... BRAKES II ..... 2
- AT 137 ..... TIRE MAINTENANCE..... 2

TOTAL SEMESTER CREDITS ..... 7

### FOURTH SEMESTER

COURSE #..... COURSE NAME..... CREDITS

- AT 163 ..... ENGINE PERFORMANCE I ..... 3
- AT 165 ..... ENGINE PERFORMANCE II ..... 3
- AT 290 ..... HYBRID & ELECTRIC VEHICLES ..... 3

TOTAL SEMESTER CREDITS ..... 9

\*\*\*Classes listed in **YELLOW** are not covered under the Excel in CTE Program. These classes will be **\$100 per credit hour**.

**THIRD YEAR: STUDENTS WILL RETURN TO CAMPUS FOR THEIR THIRD YEAR UPON HIGH SCHOOL GRADUATION. AVERAGE ENTRY LEVEL WAGE FOR NT GRADUATES: \$25,000– \$40,000**

## ADDITIONAL CREDITS FOR AAS DEGREE (15 CREDITS)

COURSE NAME .....	CREDITS
TECHNICAL MATH .....	3
COMPUTER FUNDAMENTALS.....	3
COMMUNICATION ELECTIVE.....	3
PERSONAL FINANCE.....	3
GENERAL EDUCATION ELECTIVE.....	3

## TOOLS

\*\*\*ESTIMATED TOOL KIT/SAFETY KIT IS \$500.00 NOT INCLUDING TAX\*\*\* STUDENTS WILL BE REQUIRED TO PURCHASE ADDITIONAL TOOLS ON THEIR OWN. TOOL LIST AVAILABLE UPON REQUEST. (BOOKS, COURSE MATERIALS, SUPPLIES, AND EQUIPMENT)

NON-TIERED COURSE.....	CREDITS .....	COST
AT 100 .....	1.....	\$100

## EMPLOYMENT OPTIONS

- ✓ MECHANIC
- ✓ PARTS PERSON
- ✓ SERVICE WRITER
- ✓ AUTOMOTIVE SERVICE TECH

## INSTRUCTORS

**DWIGHT WILLIAMS**  
 dwight.williams@fhnw.edu

**JIM KENNEDY**  
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