

# AUTOMOTIVE SYSTEMS TECHNOLOGY

Diploma

D60160



|              |  |
|--------------|--|
| Name:        |  |
| SID:         |  |
| Address      |  |
| City/ST/ZIP: |  |
| Phone:       |  |
| E-mail:      |  |

## Developmental Courses (As Needed)

|         |  |
|---------|--|
| DRE 096 |  |
| DRE 097 |  |
| DRE 098 |  |
| DMA 010 |  |
| DMA 020 |  |
| DMA 030 |  |

\* Career and College Promise Certificate Courses

+ Electricity and Engine Performance Certificate  
(one other course is also required for this certificate, AUT 183)

### Fall I

Basic Certificate

| Course                  | Course Title                        | Prerequisites | Corequisites | Credit    | Class        | Lab          | Shp/Cli. | Sem Taken | Grade |
|-------------------------|-------------------------------------|---------------|--------------|-----------|--------------|--------------|----------|-----------|-------|
| <b>ACA</b>              | <b>Choose one of the following:</b> |               |              |           |              |              |          |           |       |
| ACA 111                 | College Student Success             | None          | None         | 1         | 1            | 0            | 0        |           |       |
| ACA 122                 | College Transfer Success            | None          | None         | 1         | 1            | 0            | 0        |           |       |
| TRN 110                 | Intro to Transport Tech             | DRE 096       | None         | 2         | 1            | 2            | 0        |           |       |
| AUT 116                 | Engine Repair                       | DRE 096       | AUT 116A     | 3         | 2            | 3            | 0        |           |       |
| AUT 116A                | Engine Repair Lab                   | DRE 096       | AUT 116      | 1         | 0            | 3            | 0        |           |       |
| TRN 120                 | Basic Transportation Electricity*+  | DRE 096       | None         | 5         | 4            | 3            | 0        |           |       |
| TRN 170                 | PC Skills for Transportation        | DRE 096       | None         | 2         | 1            | 2            | 0        |           |       |
| MAT 110                 | Math Measurement and Literacy       | DMA 010-030   | None         | 3         | 2            | 2            | 0        |           |       |
| <b>Semester Totals:</b> |                                     |               |              | <b>17</b> | <b>11-12</b> | <b>13-15</b> | <b>0</b> |           |       |

### Spring I

Advanced Certificate

| Course                  | Course Title                          | Prerequisites | Corequisites | Cre       | Clas      | Lab       | Shp      | Taken | Gra |
|-------------------------|---------------------------------------|---------------|--------------|-----------|-----------|-----------|----------|-------|-----|
| AUT 141                 | Suspension & Steering Systems         | DRE 096       | AUT 141A     | 3         | 2         | 3         | 0        |       |     |
| AUT 141A                | Suspension & Steering Systems Lab     | DRE 096       | AUT 141      | 1         | 0         | 3         | 0        |       |     |
| AUT 151                 | Brake Systems*                        | DRE 096       | AUT 151A     | 3         | 2         | 3         | 0        |       |     |
| AUT 151A                | Brake Systems Lab*                    | DRE 096       | AUT 151      | 1         | 0         | 3         | 0        |       |     |
| AUT 163                 | Advanced Automotive Electricity*+     | TRN 120       | AUT 163A     | 3         | 2         | 3         | 0        |       |     |
| AUT 163A                | Advanced Automotive Electricity Lab*+ | None          | AUT 163      | 1         | 0         | 3         | 0        |       |     |
| AUT 181                 | Engine Performance 1*+                | DRE 096       | None         | 3         | 2         | 3         | 0        |       |     |
| ENG 111                 | Writing and Inquiry                   | DRE 098       | None         | 3         | 3         | 0         | 0        |       |     |
| <b>Semester Totals:</b> |                                       |               |              | <b>18</b> | <b>11</b> | <b>21</b> | <b>0</b> |       |     |

### Summer I

| Course   | Course Title                       | Prerequisites | Corequisites | Credit | Class | Lab | Shp/Cli. | Sem Taken | Grade |
|----------|------------------------------------|---------------|--------------|--------|-------|-----|----------|-----------|-------|
| TRN 140  | Transportation Climate Control     | DRE 096       | TRN 140A     | 2      | 1     | 2   | 0        |           |       |
| TRN 140A | Transportation Climate Control LAB | DRE 096       | TRN 140      | 2      | 1     | 2   | 0        |           |       |