



Transfer Pathway: Houston Community  
College AAS Instrumentation Controls  
Engineering to Lamar University BS Industrial  
Technology



| HCC          | Lamar | Course Name                   | Hrs       | HCC          | Lamar | Course Name                 | Hrs       |
|--------------|-------|-------------------------------|-----------|--------------|-------|-----------------------------|-----------|
| EDUC 1300    |       | Learning Framework            | 3         | INTC 1356    |       | Instrumentation Calibration | 3         |
| PTAC 1302    |       | Intro to Process Tech         | 3         | CETT 1403    |       | DC Circuits                 | 4         |
| PTAC 1308    |       | Safety, Health, Environment I | 3         | MATH 1316    |       | Plane Trigonometry          | 3         |
| ENGL 1301    |       |                               |           |              |       |                             |           |
| MATH 1314    |       | College Algebra               | 3         | CPMT 1449    |       | Computer Network Tech       | 4         |
| <b>Total</b> |       |                               | <b>15</b> | <b>Total</b> |       |                             | <b>18</b> |

| HCC          | Lamar | Course Name | Hrs      | HCC          | Lamar | Course Name | Hrs      |
|--------------|-------|-------------|----------|--------------|-------|-------------|----------|
| <b>Total</b> |       |             | <b>0</b> | <b>Total</b> |       |             | <b>0</b> |

| HCC       | Lamar | Course Name                                  | Hrs | HCC            | Lamar | Course Name                    | Hrs |
|-----------|-------|--|-----|----------------|-------|--------------------------------|-----|
| INTC 1441 |       | Principles of Automatic Control              | 4   | Fine Arts Core |       | Fine Arts Core                 | 3   |
| INTC 1343 |       | Application of Industrial Automa<br>Controls | 3   | SBS Core       |       | SBS Core                       | 3   |
| CETT 1405 |       | AC Circuits                                  | 4   | RBTC 1301      |       | Programmable Logic Controllers | 3   |



Quantitative Methods  
Intro to IE  
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|                     |  |  |           |               |  |  |           |
|---------------------|--|--|-----------|---------------|--|--|-----------|
| Political Science I |  |  |           | Computer Tech |  |  | 3         |
| <b>Total</b>        |  |  | <b>15</b> | <b>Total</b>  |  |  | <b>15</b> |

| Lamar        | Course Name                  | Hrs | Lamar     | Course Name                  | Hrs |          |
|--------------|------------------------------|-----|-----------|------------------------------|-----|----------|
| LPC Core     | LPC Core                     | 3   | COMM Core | Life & Physical Science Core | 4   |          |
| L & PS Core  | Life & Physical Science Core | 4   |           |                              |     |          |
| <b>Total</b> |                              |     | <b>7</b>  | <b>Total</b>                 |     | <b>4</b> |

| Fourth Year - Senior |                            |     |                 |                            |     |           |
|----------------------|----------------------------|-----|-----------------|----------------------------|-----|-----------|
| Fall Semester        |                            |     | Spring Semester |                            |     |           |
| Lamar                | Course Name                | Hrs | Lamar           | Course Name                | Hrs |           |
| HIST 1302            | US History II              | 3   | Advd. Elective  | Approved Advanced Elective | 3   |           |
| Advd. Elective       | Approved Advanced Elective | 3   | Advd. Elective  | Approved Advanced Elective | 3   |           |
| Advd. Elective       | Approved Advanced Elective | 3   | Advd. Elective  | Approved Advanced Elective | 3   |           |
| Advd. Elective       | Approved Advanced Elective | 3   | Advd. Elective  | Approved Advanced Elective | 3   |           |
| INEN 4315            | Industrial Management      | 3   | POLS 2302       | Political Science II       | 3   |           |
| <b>Total</b>         |                            |     | <b>15</b>       | <b>Total</b>               |     | <b>15</b> |

Notes: