

**HCC COURSE SELECTION GUIDE**

Special Programs of Study  
**TECHNOLOGY PATHWAY PROGRAM:**  
**Electrical Option**  
 Associate in Science Degree

Name \_\_\_\_\_

Banner ID No. \_\_\_\_\_

Address \_\_\_\_\_

Program Entry Date \_\_\_\_\_

\_\_\_\_\_

Advisor \_\_\_\_\_

**PLACEMENT ASSESSMENT**

DS091     DS095     DS010     DS011     DS050     DS099     EN100R

**PROGRAM REQUIREMENTS**

| Semester Taken        | Grade | Course Number | Course Title                                 | Credits   |
|-----------------------|-------|---------------|--|-----------|
| <b>Freshman Year</b>  |       |               |  |           |
|                       |       | Elective      | Math (Algebra)                               | 3         |
|                       |       | Elective      | Math (Pre-calculus)                          | 3         |
|                       |       | Science       | General Physics with Lab                     | 4         |
|                       |       | Science       | Chemistry with Lab                           | 4         |
|                       |       | Elective      | Directed                                     | 3         |
|                       |       | English       | Composition                                  | 3         |
|                       |       | Elective      | Speech Communications                        | 3         |
|                       |       | Elective      | Humanities (Literature)                      | 3         |
|                       |       | Elective      | Humanities (Philosophy, or Foreign Language) | 3         |
|                       |       | Elective      | Social Science (Economics)                   | 3         |
| <b>Sophomore Year</b> |       |               |  |           |
|                       |       | Elective      | Social Science (History)                     | 3         |
|                       |       | Elective      | Behavioral Science (Psychology or Sociology) | 3         |
|                       |       | Elective      | Fine Arts (Art or Music)                     | 3         |
|                       |       | Drafting      | CAD  | 3         |
|                       |       | CS            | Introduction to Computers                    | 3         |
|                       |       |               | Introduction to Energy                       | 3         |
|                       |       |               | Materials Processing                         | 3         |
|                       |       | Elective      | Statistics                                   | 3         |
|                       |       | Elective      | Directed                                     | 3         |
|                       |       | Elective      | Directed                                     | 3         |
| <b>Total</b>          |       |               |  | <b>65</b> |