

**ASSOCIATE IN SCIENCE DEGREE:  
ELECTRICAL ENGINEERING  
2+2 Transfer Plan to Texas A&M University-Kingsville**

|  | Lec.     | Lab      | Sem.<br>Hrs. |
|--|----------|----------|--------------|
| <b>FIRST SEMESTER</b>  |          |          |              |
| ENGR 1201.   |          |          |              |
| Introduction to Engineering (accepted<br>for EEEN 1201-Introduction to<br>Electrical Engineering)..... | 2        | 0        | 2            |
| <b>CHEM 1411.</b>  | <b>3</b> | <b>3</b> | <b>4</b>     |
| <b>General Inorganic Chemistry I</b> .....   |          |          |              |
| <b>ENGL 1301.</b>  | <b>3</b> | <b>0</b> | <b>3</b>     |
| <b>Composition I</b> .....   |          |          |              |
| <b>MATH 2413.</b>  | <b>4</b> | <b>0</b> | <b>4</b>     |
| <b>Calculus I</b> .....  |          |          |              |
| <b>SECOND SEMESTER</b>   |          |          |              |
| ECON 2301.   | 3        | 0        | 3            |
| Macroeconomics.....  |          |          |              |
| ENGR 2304.   |          |          |              |
| Programming for Engineers<br>(accepted for CSEN 2304, Introduction<br>To Computer Science).....        | 2        | 3        | 3            |
| <b>HIST 1301.</b>  | <b>3</b> | <b>0</b> | <b>3</b>     |
| <b>United States History I</b> .....   |          |          |              |
| MATH 2414.   | 4        | 0        | 4            |
| Calculus II.....   |          |          |              |
| PHYS 2425.   | 3        | 3        | 4            |
| University Physics I.....  |          |          |              |
| <b>THIRD SEMESTER</b>  |          |          |              |
| ENGR 2406.   |          |          |              |
| Introduction to Digital Systems<br>(accepted for EEEN 2340, Digital<br>Logic Design).....              | 3        | 3        | 4            |
| ENGR 2308.   | 3        | 0        | 3            |
| Engineering Economics.....   |          |          |              |
| <b>GOVT 2305.</b>  |          |          |              |
| <b>Federal Government:<br/>Federal Constitution and Topics</b> .....                                   | <b>3</b> | <b>0</b> | <b>3</b>     |
| <b>HIST 1302.</b>  | <b>3</b> | <b>0</b> | <b>3</b>     |
| <b>United States History II</b> .....  |          |          |              |
| MATH 2320.   | 3        | 0        | 3            |
| Differential Equations.....  |          |          |              |
| <b>FOURTH SEMESTER</b>   |          |          |              |
| COSC 2325.   |          |          |              |
| Computer Organization and Machine<br>Language (accepted for EEEN 3449).....                            | 2        | 3        | 3            |
| ENGR 2305.   |          |          |              |
| Electrical Circuits I<br>(accepted for EEEN 2323, Network<br>Analysis I).....                          | 3        | 1        | 3            |
| ENGR 2105.   | 0        | 2        | 1            |
| Electrical Circuits Laboratory.....  |          |          |              |
| <b>GOVT 2306.</b>  |          |          |              |
| <b>Texas Government:<br/>Texas Constitution and Topics</b> .....                                       | <b>3</b> | <b>0</b> | <b>3</b>     |
| PHYS 2426.   | 3        | 3        | 4            |
| University Physics II.....   |          |          |              |
| Total Semester Hours for Associate Degree  |          |          | 60           |

Courses in **bold type** satisfy Del Mar College Core Curriculum.

This degree does not meet the 42 semester credit hour core requirement for associate degrees.

This plan does not fit Bachelor of Science in Electrical Engineering programs at all universities. Students must check specific requirements of the college or university to which they plan to transfer.