

ASSOCIATE IN SCIENCE DEGREE:
COMPUTER PROGRAMMING
(Suggested Transfer Plan)

| | | Lec. | Lab | Sem. Hrs. |
|---|---|----------|----------|--------------|
| FIRST SEMESTER | | | | |
| COSC 1436. | Programming Fundamentals I..... | 3 | 3 | 4 |
| MATH 2413. | Calculus I..... | 4 | 0 | 4 |
| ENGL 1301. | Composition I..... | 3 | 0 | 3 |
| HIST 1301. | United States History I OR | | | |
| HIST 2327. | Mexican-American History I..... | 3 | 0 | 3 |
| SECOND SEMESTER | | | | |
| ITSE 2309. | Database Programming..... | 2 | 3 | 3 |
| COSC 1437. | Programming Fundamentals II..... | 3 | 3 | 4 |
| MATH 2414. | Calculus II..... | 4 | 0 | 4 |
| HIST 1302. | United States History II OR | | | |
| HIST 2328. | Mexican-American History II..... | 3 | 0 | 3 |
| THIRD SEMESTER | | | | |
| Creative Arts Core Elective..... | | 3 | 0 | 3 |
| COSC 2436. | Programming Fundamentals III..... | 3 | 3 | 4 |
| MATH 2320. | Differential Equations..... | 3 | 0 | 3 |
| GOVT 2305. | Federal Government: Federal Constitution and Topics..... | 3 | 0 | 3 |
| Language, Philosophy, and Culture Core Elective..... | | 3 | 0 | 3 |
| FOURTH SEMESTER | | | | |
| Life and Physical Sciences Core Elective..... | | 3 | 3 | 4 |
| COSC 2325. | Computer Organization and Machine Language..... | 2 | 3 | 3 |
| SPCH 1315. | Fundamentals of Public Speaking..... | 3 | 0 | 3 |
| GOVT 2306. | Texas Government: Texas Constitution and Topics..... | 3 | 0 | 3 |
| ECON 2301. | Principles of Macroeconomics..... | 3 | 0 | 3 |
| Total Semester Hours for Associate Degree | | | | 60 |

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

Students should demonstrate basic computer skills. Consult an advisor for appropriate courses.

Students should check specific requirements of the college or university to which they plan to transfer.

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

VERSION MARKED WITH IDENTIFIED REVISIONS FOR REFERENCE

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(Suggested Transfer Plan)

| | | | | Sem. |
|--|---|------|-----|------|
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| ENGL 1301. | Composition I..... | 3 | 0 | 3 |
| HIST 1301. | United States History I OR | 3 | 0 | 3 |
| HIST 2327. | Mexican-American History I..... | 3 | 0 | 3 |
| SECOND SEMESTER | | | | |
| ITSE 2309. | Database Programming..... | 2 | 3 | 3 |
| COSC 2436. | Programming Fundamentals II..... | 3 | 3 | 4 |
| COSC 1437. | Programming Fundamentals II..... | 3 | 3 | 4 |
| MATH 2414. | Calculus II..... | 4 | 0 | 4 |
| HIST 1302. | United States History II OR | 3 | 0 | 3 |
| HIST 2328. | Mexican-American History II..... | 3 | 0 | 3 |
| THIRD SEMESTER | | | | |
| Creative Arts Core Elective..... | | 3 | 0 | 3 |
| ITSE 2445. | Data Structures..... | 3 | 3 | 4 |
| COSC 2436. | Programming Fundamentals III..... | 3 | 3 | 4 |
| MATH 2320. | Differential Equations..... | 3 | 0 | 3 |
| GOVT 2305. | Federal Government: Federal Constitution and Topics..... | 3 | 0 | 3 |
| Language, Philosophy, and Culture Core Elective..... | | 3 | 0 | 3 |
| FOURTH SEMESTER | | | | |
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| COSC 2325. | Computer Organization and Machine Language..... | 2 | 3 | 3 |
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