

Two Year Plan of Study for the Associate of Science Degree

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|-------------------------|--------|
| Datatel Department Code | SCI    |
| COTC Major Number       | 004900 |
| OBR Subjectcode         | 240101 |

The Associate of Science degree will be awarded to students whose transcripts reflects their having successfully completed the minimum number of credit hours from each discipline area with courses in which students will have received a grade of C (2.00) or higher.

| COURSE NAME   | COURSE TITLE              | CR HRS | QTR OFFERED | COURSE NAME  | COURSE TITLE                        | CR HRS | QTR OFFERED | COURSE NAME                                      | COURSE TITLE                          | CR HRS | QTR OFFERED |
|---|---------------------------|--------|-------------|--|-------------------------------------|--------|-------------|--|---------------------------------------|--------|-------------|
| <b>ENGLISH COMPOSITION AND LITERATURE (11 CREDIT HOURS REQUIRED)</b>  |                           |        |             |  |                                     |        |             |  |                                       |        |             |
| MUST COMPLETE THE FOLLOWING COURSES:  |                           |        |             | CHOOSE <u>ONE</u> OF THE FOLLOWING COURSES TO COMPLETE REQUIREMENT:  |                                     |        |             |  |                                       |        |             |
| *COM-1535   | COMPOSITION I             | 4.00   | SM,AU,WI,SP | *COM-1525  | TECHNICAL WRITING                   | 3.00   | SM,AU,WI,SP |  |                                       |        |             |
| *COM-1536   | COMPOSITION II            | 4.00   | SM,AU,WI,SP | *COM-1551  | AMERICAN LITERATURE I               | 4.00   | SM,AU,WI,SP |  |                                       |        |             |
|   |                           |        |             | *COM-1552  | AMERICAN LITERATURE II              | 4.00   | SM,AU,WI,SP |  |                                       |        |             |
|   |                           |        |             | *COM-1553  | WRITING ABOUT LITERATURE            | 4.00   | SM,AU,WI,SP |  |                                       |        |             |
| <b>SOCIAL AND BEHAVIORIAL SCIENCES (15-17 CREDIT HOURS REQUIRED)</b>  |                           |        |             |  |                                     |        |             |  |                                       |        |             |
| MUST COMPLETE THE FOLLOWING COURSES:  |                           |        |             | CHOOSE <u>ONE</u> OF THE FOLLOWING COURSES:  |                                     |        |             | CHOOSE REMAINING HOURS FROM AMONG THE FOLLOWING: |                                       |        |             |
| BHS-1379  | CULTURAL DIVERSITY        | 3.00   | SM,AU,WI,SP | *BHS-1376  | GENERAL PSYCHOLOGY                  | 5.00   | SM,AU,WI,SP | *BHS-1345  | HUMAN DEVELOPMENT                     | 5.00   | SM,AU,WI,SP |
|   |                           |        |             | BHS-1382   | SOCIOLOGY                           | 3.00   | SM,AU,WI,SP | *BHS-1370  | SOCIAL PSYCHOLOGY                     | 3.00   | SM,AU,WI,SP |
|   |                           |        |             |  |                                     |        |             | *BHS-1378  | ABNORMAL PSYCHOLOGY                   | 3.00   | SM,AU,WI,SP |
|   |                           |        |             |  |                                     |        |             | BHS-1385   | ORGANIZATIONAL PSYCHOLOGY             | 3.00   | SM,AU,WI,SP |
|   |                           |        |             |  |                                     |        |             | BMT-2025   | MICRO ECONOMICS                       | 4.00   | SM,AU,WI,SP |
| <b>ARTS AND HUMANITIES (15 CREDIT HOURS REQUIRED)</b>   |                           |        |             |  |                                     |        |             |  |                                       |        |             |
| MUST COMPLETE THE FOLLOWING COURSES:  |                           |        |             | CHOOSE <u>ONE</u> OF THE FOLLOWING COURSES:  |                                     |        |             | CHOOSE REMAINING HOURS FROM AMONG THE FOLLOWING: |                                       |        |             |
| *BHS-1006   | CRITICAL THINKING         | 3.00   | SM,AU,WI,SP | *COM-1504  | PUBLIC SPEAKING                     | 3.00   | SM,AU,WI,SP | *COM-1551  | AMERICAN LITERATURE I                 | 4.00   | SM,AU,WI,SP |
| *BHS-1340   | ETHICS                    | 3.00   | SM,AU,WI,SP | *COM-1523  | SMALL GROUP COMMUNICATIONS          | 3.00   | SM,AU,WI,SP | *COM-1552  | AMERICAN LITERATURE II                | 4.00   | SM,AU,WI,SP |
|   |                           |        |             |  |                                     |        |             | *COM-1553  | WRITING ABOUT LITERATURE              | 4.00   | SM,AU,WI,SP |
|   |                           |        |             |  |                                     |        |             | DDT-3718   | ARCHITECTURE HISTORY SURVEY           | 3.00   | SM,AU,WI,SP |
|   |                           |        |             |  |                                     |        |             | DMD-3822   | DIGITAL PHOTOGRAPHY                   | 3.00   | SM,AU,WI,SP |
|   |                           |        |             |  |                                     |        |             | DMD-3831   | FUNDAMENTALS OF DRAWING               | 4.00   | SM,AU,WI,SP |
| <b>SCIENCES AND MATHEMATICS (MINIMUM 40 CREDIT HOURS)</b>   |                           |        |             |  |                                     |        |             |  |                                       |        |             |
| MATHEMATICS COURSES (MINIMUM 20 CREDIT HOURS):  |                           |        |             | LAB SCIENCE COURSES (MINIMUM IN LAB SCIENCE COURSES TO INCLUDE: ONE BIOLOGY, ONE CHEMISTRY, ONE PHYSICS, AND ONE ADDITIONAL COURSE TO COMPLETE A TWO-COURSE SCIENCE SEQUENCE |                                     |        |             |  |                                       |        |             |
| *MTH-1215   | COLLEGE ALGEBRA           | 5.00   | SM,AU,WI,SP | BIO-1730   | ENVIRONMENTAL SCIENCE               | 5.00   | SM,AU,WI,SP | *BIO-1780  | BIOLOGY I                             | 6.00   | SM,AU,WI,SP |
| *MTH-1216   | PRE-CALCULUS              | 5.00   | SM,AU,WI,SP | *BIO-1740  | GENERAL BIOLOGY                     | 5.00   | SM,AU,WI,SP | *BIO-1781  | BIOLOGY II                            | 6.00   | SM,AU,WI,SP |
| *MTH-1218   | STATISTICS                | 5.00   | SM,AU,WI,SP | *BIO-1745  | HUMAN BIOLOGY                       | 5.00   | SM,AU,WI,SP | *CHM-1713  | GENERAL, ORGANIC AND BIOCHEMISTRY     | 6.00   | SM,AU,WI,SP |
| *MTH-1226   | TRIGONOMETRY              | 5.00   | SM,AU,WI,SP | *BIO-1755  | MICROBIOLOGY                        | 5.00   | SM,AU,WI,SP | *PHY-1726  | PHYSICS I: MECHANICS                  | 5.00   | SM,AU,WI,SP |
| *MTH-1232   | INTRODUCTION TO CALCULUS  | 5.00   | SM,AU,WI,SP | *BIO-1772  | HUMAN ANATOMY AND PHYSIOLOGY I      | 6.00   | SM,AU,WI,SP | *PHY-1727  | PHYSICS II: ELECTRICITY AND MAGNETISM | 5.00   | SM,AU,WI,SP |
|   |                           |        |             | *BIO-1773  | HUMAN ANATOMY AND PHYSIOLOGY II     | 6.00   | SM,AU,WI,SP | *PHY-1728  | PHYSICS III: HEAT, LIGHT, SOUND       | 5.00   | SM,AU,WI,SP |
| <b>ELECTIVES (13 TO 33 CREDIT HOURS REQUIRED)</b>   |                           |        |             |  |                                     |        |             |  |                                       |        |             |
| Electives pertaining to the Associate of Science Degree will be comprised of courses from the four discipline areas on the Plan of Study that are not counted toward the completion of an area requirement. For example, COM-1525 may count <u>either</u> for credit pertaining to the English Composition and Literature area <u>or</u> for elective credit, but not for both. |                           |        |             |  |                                     |        |             |  |                                       |        |             |
| Additional elective courses may be chosen from among the following:   |                           |        |             |  |                                     |        |             |  |                                       |        |             |
| *DDT-3748   | MATERIALS OF CONSTRUCTION | 5.00   | SM,AU,WI,SP | *BMT-2483  | ADVERTISING CONCEPTS AND PROCEDURES | 3.00   | SM,AU,WI,SP | BMT-2464   | PC APPLICATIONS FOR BUSINESS          | 4.00   | SM,AU,WI,SP |
| BIO-1760  | MEDICAL TERMINOLOGY       | 2.00   | SM,AU,WI,SP | BMT-2074   | BUSINESS LAW TODAY                  | 5.00   | SM,AU,WI,SP |  |                                       |        |             |
| <b>The College Reserves the Right to Change Curricula Without Notice.</b>   |                           |        |             | <b>Total Credit Hours Required to Complete Associate of Science Degree:</b>  |                                     |        |             | <b>90-110</b>                                    |                                       |        |             |
|   |                           |        |             | ENGLISH COMPOSITION AND LITERATURE   |                                     |        |             | 11.00  |                                       |        |             |
|   |                           |        |             | SOCIAL AND BEHAVIORIAL SCIENCES  |                                     |        |             | 15.00-17.00                                      |                                       |        |             |
|   |                           |        |             | ARTS AND HUMANITIES  |                                     |        |             | 15.00  |                                       |        |             |
|   |                           |        |             | SCIENCES AND MATHEMATICS   |                                     |        |             | 40.00  |                                       |        |             |
|   |                           |        |             | ELECTIVES  |                                     |        |             | 13-33  |                                       |        |             |

KEY: \* Indicates course has a prerequisite; Please see the Course Descriptions section on the COTC Web Page for specific course prerequisites.