

Associate in Arts & Sciences with an Emphasis in Mathematics (DTA)

TRANSFER DEGREE

Option C

2013-2014 Degree Requirements

Communication

| Course | No. | Course Title | Credits | Qtr. Completed | Comments/Substitution |
|--------|-----|-----------------------------|---------|----------------|-----------------------|
| ENGL& | 101 | English Composition I | 5 | | |
| ENGL& | 102 | Composition II <i>or</i> | 5 | | |
| ENGL& | 235 | Technical Writing | 5 | | |
| CMST | 101 | Speech Essentials <i>or</i> | 3 | | |
| CMST& | 220 | Public Speaking <i>or</i> | 5 | | |
| CMST | 260 | Multicultural Communication | 5 | | |

Subtotal 13

Math Proficiency (Intermediate Algebra Proficiency Requirement)

Must do one of the following:

- Pass intermediate Algebra MATH 095 or MATH 098 with a 2.0 grade or higher
- Pass a math class that has an Intermediate Algebra prerequisite
- Place into MATH& 107 *or* any MATH course 113 or above via placement test

Quantitative/Symbolic Reasoning

| Course | No. | Course Title | Credits | Qtr. Completed | Comments/Substitution |
|--------|-----|--------------|---------|----------------|-----------------------|
| MATH& | 151 | Calculus I | 5 | | |

Subtotal 5

Humanities*

Complete at least one course from any three of the following groups. Courses must be selected from three different subject areas.

| Course | No. | Course Title | Credits | Qtr. Completed | Comments/Substitution |
|--|-----|--------------|---------|----------------|-----------------------|
| | | Art | 5 | | |
| | | English | 5 | | |
| | | History | 5 | | |
| World Languages (excluding conversational classes) all count as a single subject area. | | | 5 | | |

Subtotal 15

Social & Behavioral Science*

| Course | No. | Course Title | Credits | Qtr. Completed | Comments/Substitution |
|--------|-----|--------------|---------|----------------|-----------------------|
| | | | | | |
| | | | | | |
| | | | | | |

Subtotal 15

Mathematical & Natural Science*

| Course | No. | Course Title | Credits | Qtr. Completed | Comments/Substitution |
|--------|-----|---------------------------|---------|----------------|-----------------------|
| MATH& | 152 | Calculus II | 5 | | |
| MATH& | 153 | Calculus III | 5 | | |
| PHYS& | 221 | Engineering Physics I | 4 | | |
| PHYS& | 231 | Engineering Physics Lab I | 1 | | |

Subtotal 15

Health & Physical Education

Select from PE activity classes or Health (HE) classes.

Maximum 6 credits of PE activity may be applied: 3 credits in Health & PE and 3 credits included in restricted electives.

| Course | No. | Course Title | Credits | Qtr. Completed | Comments/Substitution |
|--------|-----|--------------|---------|----------------|-----------------------|
| | | | 3 | | |

Subtotal 3

Emphasis Courses

A minimum cumulative 2.0 GPA is required for a Mathematics emphasis. Additional electives require departmental approval.

| Course | No. | Course Title | Credits | Qtr. Completed | Comments/Substitution |
|---|-----|----------------------------|---------|----------------|-----------------------|
| MATH& | 254 | Calculus IV | 5 | | |
| PHYS& | 222 | Engineering Physics II | 4 | | |
| PHYS& | 232 | Engineering Physics Lab II | 1 | | |
| MATH | 243 | Linear Algebra | 5 | | |
| MATH | 255 | Differential Equations | 5 | | |
| Additional elective with departmental approval. | | | 5 | | |

Subtotal 25

Total Credits Required 91

*Course selections must also meet the distribution requirements for the AA degree.

Notes:

- Required minimum credits 90.
- Required cumulative 2.0 GPA is required for a Mathematics Emphasis.
- A minimum of 30 credits must be CBC courses. Consult with your counselor or faculty advisor.
- Maximum 6 credits of PE activity may be applied: 3 credits in Health and PE and 3 credits included in restricted electives.
- Depending on your major, some course choices may be more appropriate than others.
- Minimum grade per course 1.0