Summary of Requirements
Complete a minimum of $\underline{\mathbf{9 0}}$ credits in courses numbered 100 or above with a minimum of 2.0 GPA, plus $\underline{\mathbf{3}}$ PE requirement credits including:

This degree is intended to prepare students to enter the second year of an Engineering Program after transfer. ENGR 104 is highly recommended for this specialization. In addition the following set of courses fulfills the specialization requirement of the Associate of Science degree and is appropriate for student studying Mechanical, Civil,
Aeronautical, Industrial or Material Science
Engineering. Taking courses from the recommended electives will fulfill some of the second year requirements at 4 -year transfer schools.

## General College Requirements

- 5 credits writing skills
- 10 credits quantitative skills
- 3 PE requirement credits


## Humanities and Social Science

- 5 credits social science
- 5 credits humanities
- 5 credits humanities or social science


## General Engineer Track II Specialization Courses

- 11 credits Chemistry
- 10 credits Math
- 15 credits Physics
- 24 credits of Electives plus
- fulfill all obligations to the college, financial or otherwise
- fulfill general requirements for all degrees as described on page 46 of the catalog

Minimum grade-point average requirements are established by each institution. Meeting the minimum requirement does not guarantee admission. Business programs are competitive and may require a higher GPA overall, a higher subset of courses or a specific minimum grade in one or more courses.

## General College Requirements ( 15 credits required)

## I. Writing Skills (5 credits)

___ENGL\& 101 English Composition I

## II. Quantitative Skills (10 Credits)

MATH\& 151 Calculus I
_MATH\& 152 Calculus II

[^0]
## III. Physical Education (3 Credits)

All students must complete three credits of physical education courses numbered 100 or above or HPF 101, Health and Wellness.

| Course | Cr. |
| :--- | :--- |
|  |  |

## Area A: Visual Arts

| __ART\& 100 | Art Appreciation |
| :--- | :--- |
| __ART 101 | Drawing I |
| __ART 104 | Design I |
| __ART 105 | Design II |

## Area B: Theatrical Arts

| $\quad$ __DRMA\& 101 | Intro. to Theatre |
| :--- | :--- |
| $\ldots \ldots$ FILM 125 | Film Interpretation |
| $\ldots$ THEA 161 | Intro. to Acting |
| $\ldots$ THEA 163 | Intro. to Directing |

## Area C: Musical Arts

| $\ldots$ MUSIC 100 | Music | 5 |
| :--- | :--- | :--- |
|  | Fundamentals |  |
| $\ldots$ MUSC\& 105 | Music Appreciation | 5 |
| $\ldots$ MUSC\& 121 | Ear Training I | 2 |
| __MUSC\& 131 | Music Theory I | 3 |

## Area D: Literary Arts

| $\ldots \_$ENGL 208 | Survey of British Lit. I | 5 |
| :--- | :--- | :--- |
| $\ldots \ldots$ ENGL 209 | Survey of British Lit. II | 5 |
| $\ldots \ldots$ ENGL 220 | Shakespeare | 5 |
| $\ldots$ ENGL\& 244 | Intro. to American Lit. | 5 |
| $\ldots$ ENGL 252 | Survey of World Lit. | 5 |
| $\ldots \ldots$ ENGL 263 | Survey of British Lit. | 5 |
| $\ldots$ ENGL 275 | Gender in Literature | 5 |

## Area E: Languages

|  |  | Cr |
| :--- | :--- | :---: |
| $\ldots$ CHIN\& 121 | Chinese I | 5 |
| $\ldots \_$FRCH\& 121-123 | French I, II, III | 5 |
| $\ldots$ GERM\& 121-123 | German I, II, III | 5 |
| $\ldots$ ITAL 125 | Italian I | 5 |
| $\ldots$ JAPN\& 121-123 | Japanese I, II, III | 5 |
| $\ldots$ LATIN 125 | Latin I | 5 |
| $\ldots$ POL 125 | Polish I | 5 |
| $\ldots$ RUSS 125 | Russian I | 5 |
| $\ldots$ _SPAN\& 121-123 | Spanish I, II, III | 5 |

## Area F: Speech

|  |  | $\mathbf{C r}$ |
| :--- | :--- | :---: |
| $\ldots$ SPCH 101 | Fund of Speech | 5 |
| __SPCH 201 | Fund Grp Discussion | 3 |
| Area G: Culture and Ideas |  |  |
|  |  | $\mathbf{C r}$ |
| $\ldots$ LING 101 | Intro. World Lang. | 5 |
| $\ldots$ PHIL\& 101 | Intro. to Philosophy | 5 |

## Courses transferred from other colleges

| Area | Course | Cr. |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
|  |  |  |

Math \&Science Specialization Courses
A total of thirty six (36) credits are required in science and math.

## Chemistry Requirements $\mathbf{1 1}$ Credits

|  | CHEM\& 161 | General Chemistry I(L) |
| :--- | :--- | :--- |
| C_ | 5 |  |
| _CHEM\& 162 | General Chemistry II (L) | 6 |

## Math Requirements 10 Credits

| _MATH\& 163 | Calculus I | 5 |
| :--- | :--- | :--- |
| __MATH 241 | Differential Equations | 5 |

## Physics Requirements 15 Credits

| _PHYS\& 221 | Engineering Physics I | 5 |
| :--- | :--- | :--- |
| _PHYS\& 222 | Engineering Physics II | 5 |
| __PHYS\& 223 | Engineering Physics III | 5 |

## College Level Elective Credits

Select at least $\mathbf{2 4}$ additional credits of Electives
Select remaining college level courses to reach a total of 90 credits. Select no more than 5 credits in this category that do not appear on the distribution requirements list or the specified electives on this worksheet. PE requirements cannot be used as electives.

Electives: The following courses are recommended as possible elective courses:
ENGR\& 104, 214, 215, 240; Math 220, 224;
ENGL\& 235.

| Course | Cr. |
| :--- | :--- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Courses transferred from other colleges

| Area | Course | Cr. |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Specified Electives

Specified electives represent specialized or advanced college-level transfer courses. They include courses in traditional and preprofessional fields, including business, engineering, computer science, and education. Degree students must choose a minimum of 20 additional credits selected from:
a. the distribution requirements previously listed and/or

| _ACCT\& 201 | Principles of Acct. I | 5 | $\qquad$ PHYS\& 222 <br> PHYS\& 223 | Engineering Physics II <br> Engineering Physics III |
| :---: | :---: | :---: | :---: | :---: |
| _ACCT\& 202 | Principles of Acct. II | 5 | POL 126 | Polish II |
| _ACCT\& 203 | Principles of Acct. III | 5 | POL 127 | Polish III |
| ART 102 | Drawing II | 5 | POL S 110 | Law and Justice |
| ART 103 | Drawing III | 5 | POL S 200 | Foreign Policy of the U.S. |
| ART 251 | Painting I | 5 | POL S 204 | Intro. to Public Admin. |
| ART 252 | Painting II | 5 | PSYC\& 180 | Human Sexuality |
| ART 260 | Intro. to Printmaking | 5 | PSYC\& 200 | Lifespan Psychology |
| BUS\& 101 | Intro. to Business | 5 | PSYCH 210 | Psychology of Adjustment |
| BUS\& 201 | Business Law I | 5 | PSYC\& 220 | Abnormal Psychology |
| BIOL\& 241 | Human Anat. / Phys. I | 5 | PSYC\& 235 | Positive Psychology |
| BIOL\& 242 | Human Anat. / Phys. II | 5 | RUSS 126 | Russian II |
| CHEM\& 163 | Gen Chem. w/Lab III | 6 | RUSS 127 | Russian III |
| CHEM\& 261 | Org. Chem. w/Lab I | 6 | SOC\& 201 | Social Problems |
| CHEM\& 262 | Org. Chem. w/Lab II | 6 | THEA 151 | Theatre Workshop |
| CHEM\& 263 | Org. Chem. w/Lab III | 3 | THEA 235 | Stagecraft |
| CHIN\& 122 | Chinese II | 5 | THEA 236 | Stage Lighting |
| CHIN\& 123 | Chinese III | 5 | THEA 270 | Stage Makeup |
| CJ\& 101 | Intro. to Crim. Justice | 5 |  |  |
| CJUS 151 | Drugs and Our Society | 5 | * Bolded Courses are recommended for possible electives. |  |
| EDUC 201 | Intro/Orient to Teaching | 5 |  |  |
| EDUC 202 | Education Practicum | 3 |  |  |
| ENGL\& 235 | Technical Writing | 5 |  |  |
| ENGL 241 | Fiction Writing | 2 |  |  |
| ENGL 242 | Poetry Writing | 2 |  |  |
| ENGL 243 | Playwriting | 2 |  |  |
| ENGR\& 104 | Intro. to Engr. Design | 5 |  |  |
| ENGR\& 214 | Statics | 5 |  |  |
| ENGR\& 215 | Dynamics | 5 |  |  |
| ENGR 240 | Applied Num. Methods | 5 |  |  |
| HS 101 | Intro. to Human Services | S 5 |  |  |
| ITAL 126 | Italian II | 5 |  |  |
| ITAL 127 | Italian III | 5 |  |  |
| LATIN 126 | Latin II | 5 |  |  |
| LATIN 127 | Latin III | 5 |  |  |
| LIB 101 | Intro. Info. Resource | 2 |  |  |
| LIB 120 | Learning for the $21{ }^{\text {st }}$ | 5 |  |  |
|  | Century |  |  |  |
| MATH\& 131 | Math for Elem. Ed. 1 | 5 |  |  |
| MATH\& 132 | Math for Elem. Ed. 2 | 5 |  |  |
| _MATH 220 | Linear Math | 5 |  |  |
| _MATH 224 | Calculus 4 | 5 |  |  |
| _MATH 241 | Differential Equations | 5 |  |  |
| MUSIC 117 | Beginning Piano I | 1 |  |  |
| MUSIC 118 | Beginning Piano II | 1 |  |  |
| MUSIC 119 | Beginning Piano III | 1 |  |  |
| MUSC\& 122 | Ear Training 2 | 2 |  |  |
| MUSC\& 123 | Ear Training 3 | 2 |  |  |
| MUSC\& 132 | Music Theory 2 | 3 |  |  |
| MUSC\& 133 | Music Theory 3 | 3 |  |  |
| $\text { _MUSIC } \begin{aligned} & 150- \\ & 158 \end{aligned}$ | Applied Music (Private Lessons) | 1-1.5 |  |  |
| __MUSIC 161- | Performance Groups | 1-1.5 |  |  |


[^0]:    Note: This worksheet is intended to be used for planning purposes. See Admissions and Records for official degree audit information.

