

# ASSOCIATE in SCIENCE Track 2 General Engineering WORKSHEET 2015-2016

## Summary of Requirements

Complete a minimum of **90** credits in courses numbered 100 or above with a minimum of 2.0 GPA, plus **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 Cr  
5

### II. Quantitative Skills (10 Credits)

\_\_\_MATH& 151 Calculus I Cr  
5  
\_\_\_MATH& 152 Calculus II 5

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

## 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.

## Humanities & Social Science Distribution Area Requirements (15 credits required)

Associate of Science Track 2 students must take at least 15 credits in the areas of the humanities, social sciences, (5 credits in each distribution area). With 5 additional credits in either humanities or social science

### Social Science (5-10 credits)

One course from areas, labeled A through D, is required.

#### Area A: History

___HIST& 116	Western Civilization I	Cr	5
___HIST& 117	Western Civilization II		5
___HIST& 118	Western Civilization III		5
___HIST 122	Hist. of Modern East Asia		5
___HIST& 146	U.S. History I		5
___HIST& 147	U.S. History II		5
___HIST& 148	U.S. History III		5
___HIST& 214	Pacific NW History		5
___HIST& 219	Native American History		5
___HIST 220	20 <sup>th</sup> Century Europe		5
___HIST 252	Latin-American History		5
___HIST 270	African-Americans in Slavery and Freedom		5
___HIST 271	African-American History: 1865-1975		5
___HIST 272	History of England		5

#### Area B: Economics/Political Science

___CJUS 102	Law and Society	Cr	5
___ECON 100	Intro. to Economics		5
___ECON& 201	Micro Economics		5
___ECON& 202	Macro Economics		5
___POL S 102	Law and Society		5
___POL S& 202	American Government		5

#### Area C: Anthropology/Sociology

___ANTH& 100	Intro. to Anthropology	Cr	5
___ANTH& 206	Cultural Anthropology		5
___SOC& 101	Introduction to Sociology		5
___SOC 106	Juvenile Justice		5
___SOC 112	Criminology		5
___SOC 252	Marriage and Family		5

#### Area D: Psychology

___PSYC& 100	General Psychology	Cr	5
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#### Courses transferred from other colleges

Area	Course	Cr.

## Humanities (5-10 credits)

A total of five credits is required in humanities. A minimum of 5 required from areas, labeled A through G.

### Area A: Visual Arts

___ART& 100	Art Appreciation	Cr	5
___ART 101	Drawing I		5
___ART 104	Design I		5
___ART 105	Design II		5

### Area B: Theatrical Arts

___DRMA& 101	Intro. to Theatre	Cr	5
___FILM 125	Film Interpretation		5
___THEA 161	Intro. to Acting		4
___THEA 163	Intro. to Directing		3

### Area C: Musical Arts

___MUSIC 100	Music Fundamentals	Cr	5
___MUSC& 105	Music Appreciation		5
___MUSC& 121	Ear Training I		2
___MUSC& 131	Music Theory I		3

### Area D: Literary Arts

___ENGL 208	Survey of British Lit. I	Cr	5
___ENGL 209	Survey of British Lit. II		5
___ENGL& 220	Shakespeare		5
___ENGL& 244	Intro. to American Lit.		5
___ENGL 252	Survey of World Lit.		5
___ENGL 263	Survey of British Lit.		5
___ENGL 275	Gender in Literature		5

### Area E: Languages

___CHIN& 121	Chinese I	Cr	5
___FRCH& 121-123	French I, II, III		5
___GERM& 121-123	German I, II, III		5
___ITAL 125	Italian I		5
___JAPN& 121-123	Japanese I, II, III		5
___LATIN 125	Latin I		5
___POL 125	Polish I		5
___RUSS 125	Russian I		5
___SPAN& 121-123	Spanish I, II, III		5

### Area F: Speech

___SPCH 101	Fund of Speech	Cr	5
___SPCH 201	Fund Grp Discussion		3

### Area G: Culture and Ideas

___LING 101	Intro. World Lang.	Cr	5
___PHIL& 101	Intro. to Philosophy		5

#### Courses transferred from other colleges

Area	Course	Cr.

