

Spokane Falls Community College

ASSOCIATE OF SCIENCE TRANSFER (A.S.T.) DEGREE REQUIREMENTS

ENGINEERING

A candidate for an associate of science transfer degree must complete 90 credits in academic courses numbered 100 and above with a cumulative grade point average of at least **2.0** including the following distribution. Courses numbered 100 or above must be from the following specified categories: communication skills—5 credits, humanities/social sciences—15 credits, mathematics—15 credits, science/engineering—35 credits, and 20 credits in approved academic electives. **At least 5 credits must be W-designated (writing-intensive).** At least 30 credits must be earned from Spokane Community College/Spokane Falls Community College. All prior college-level credits and grade points are transferred for calculating total credits and GPA.

DISTRIBUTION

2007-2008

Credits for a specific course may be used in only one distribution area requirement. If courses transferred from other institutions are used to meet the distribution requirement, no more than 10 credits from any one subject area may be used as part of the credits required in each of humanities/social sciences, mathematics and science/engineering.

COMMUNICATION SKILLS—5 credits

5 credits in a college-level composition course
ENG 101

HUMANITIES/ SOCIAL SCIENCES—15 credits

5 credits from Group A: Humanities. 10 credits from Group B: Social Sciences to include one 5-credit economics course.

GROUP A: HUMANITIES

ART 107, 108, 109, 110, 112
 DRAMA 115
 ENG 131, 208-210, 241, 245-247, 251, 261, 271, 272, 275-278
 Foreign Language or ASL—5 credits only
 HUMAN 101, 141, 201, 221-224, 236
 JOURN 110
 MUSIC 101-104, 107, 109, 191, 201-203, 221-223
 PHIL 101, 201, 210, 215, 220, 231
 SPCH 220

GROUP B: SOCIAL SCIENCES

ANTHR 101, 201, 204
 ECON 100, 201, 202
 GEOG 101, 230, 260
 HIST 101-103, 121, 122, 141, 142, 222, 230, 240, 260
 POLSC 101, 102, 111, 125, 201-203, 270
 PSYCH 101, 201, 210, 250
 SOC 101, 175, 211, 221, 240, 261

MATHEMATICS—15 credits

15 credits at or above Introductory Calculus
 MATH 124, 125, 126

SCIENCES/ENGINEERING 35 credits

Group A, B, C and D requirements must all be met.

GROUP A: Physics (calculus-based)

15 credit sequence
 PHYS 201, 202, 203

GROUP B: Chemistry (laboratory course)

5 credits
 CHEM 141

GROUP C: Computer Programming

5 credits
 CS 255 (CS 201 accepted)

GROUP D: Engineering

10 credits
 ENGR 103, 201

PROGRAM ELECTIVES 20 credits

ENGR 110, 111, 190, 191, 202, 203, 210
 MATH 220, 221, 224, 225, 274
 CHEM 142, 143, 201/211, 202/212, 203/213
 CS 201, 203, 211, 223, 225, 253, 255, 280

WRITING-INTENSIVE "W" COURSE 5 credits

Students must complete 5 credits in a writing-intensive course: i.e., courses with a "W" designation. These 5 credits may be selected from other *required* courses to enable counting the credits in both the distribution area and the "W" requirement simultaneously.

NOTES:

1. A minimum of ninety (90) quarter credits is required for the degree.
2. An overall grade point average of 2.0 is required.
3. Students are responsible for checking specific major requirements of baccalaureate institutions in the year prior to transferring.
4. It is recommended that sequential science classes be completed at one institution.
5. Students completing this associate of science transfer (AST) degree will receive the same priority consideration for admission to the baccalaureate institution as they would for completing the direct transfer associate's degree and will be given junior status by the receiving institution.
6. Additional general educational requirements, cultural diversity requirements, and foreign language requirements, as required by the transfer institution, must be met prior to the completion of a baccalaureate degree.
7. See the engineering adviser for a course sheet specific to the engineering discipline.

DISCLAIMER:

This transfer degree is designed to allow the student to fulfill basic science and computer science requirements that are required during the first two years in some specific programs at four-year institutions. However, this degree may not fulfill all general education requirements of a particular baccalaureate institution. Students should work with a counselor or adviser for further guidance specific to their goals.

During the period this guide is in circulation, there may be curriculum revisions and program changes. **Students are responsible for** consulting the appropriate academic unit or adviser for more current and specific information. The information in this guide is subject to change and does not constitute an agreement between the college and the student.

ASSOCIATE OF SCIENCE TRANSFER (A.S.T.) DEGREE WORKSHEET 2007-2008

A total of 90 credits is required. **At least 5 credits must be W-designated (writing-intensive).** See reverse side for the complete statement of degree requirements and listing of available courses. See the engineering adviser for a course sheet specific to the engineering discipline.

Counselor's Initials _____ Date _____ Student Identification Number _____ Name _____

I. COMMUNICATION SKILLS—5 cr.

Course	Date	Cr.
ENG 101		
COMMUNICATION SKILLS TOTAL		

II. HUMANITIES/ SOCIAL SCIENCES—15 cr.

5 credits from Group A: Humanities. 10 credits from Group B: Social Sciences to include one 5-credit economics course.

GROUP A: Humanities (minimum of 5 cr.)

Course	Date	Cr.
Art		
DRAMA 115		
English		
Foreign Language		
Humanities		
JOURN 110		
Music		
Philosophy		
SPCH 220		

GROUP B: Social Sciences (minimum of 10 cr.)

Course	Date	Cr.
Anthropology		
Economics (5 cr. required)		
Geography		
History		
Political Science		
Psychology		
Sociology		
HUMANITIES/ SOCIAL SCIENCES TOTAL		

III. MATHEMATICS—15 cr.

15 credits are required at or above introductory calculus.

Course	Date	Cr.
MATH 124		
MATH 125		
MATH 126		
MATHEMATICS TOTAL		

IV. SCIENCES/ ENGINEERING—45-50 cr.

Each group must be satisfied.

GROUP A: Physics (15 cr. sequence)

Course	Date	Cr.
PHYS 201		
PHYS 202		
PHYS 203		

GROUP B: Chemistry (5 cr.)

Course	Date	Cr.
(Laboratory course)		
CHEM 141		

GROUP C: Computer Programming (5 cr.)

Course	Date	Cr.
CS 255		
(CS 201 accepted)		

GROUP D: Engineering (10 cr.)

Course	Date	Cr.
ENGR 103		
ENGR 201		
SCIENCES/ ENGINEERING TOTAL		

V. ELECTIVES—20 cr.

Course	Date	Cr.
Engineering		
Mathematics		
Chemistry		
Computer Science		
BIOL 101		
ELECTIVES TOTAL		

CREDIT SUMMATION **credits**

“W” COURSE _____
course title/number

I. COMMUNICATION SKILLS (5) _____

II. HUMANITIES/
SOCIAL SCIENCES (15) _____

Group A (1) _____

Group B (2) _____

III. MATHEMATICS (15) _____

IV. SCIENCES/ENGINEERING (35) _____

Group A (3) _____

Group B (1) _____

Group C (3) _____

Group D (2) _____

V. ELECTIVES (20) _____

TOTAL (90) _____