Spokane Community College and Spokane Falls Community College
ASSOCIATE OF SCIENCE TRANSFER (TRACK 2)
DEGREE REQUIREMENTS
COMPUTER AND ELECTRICAL PRE-ENGINEERING

The Associate in Computer and Electrical pre-Engineering (AS-T #2) degree is a statewide articulated transfer agreement for future engineers between community colleges and most four-year institutions. A candidate for the Associate of Science Transfer degree must complete 100 quarter credits in academic courses numbered 100 and above with a cumulative grade point average of at least 2.0 and meet specific distribution requirements. Courses must be chosen from the following distribution areas: communication – 5 credits; humanities/ social sciences – 15 credits; mathematics – 30 credits; science/engineering – 40 credits; and 10 credits in pre-engineering electives. **At least 5 credits must be W-designated (writing-intensive).** At least 30 credits must be earned in residence from Spokane Community College or Spokane Falls Community College with at least 15 credits earned in the required distribution areas at the college awarding the degree. Prior college-level credits and grade points are transferred for calculating total credits and GPA. This degree does not fulfill all general education requirements of four-year institutions.

DISTRIBUTION **Credits for a specific course may be used in only one distribution area requirement.** 2013-2014

COMMUNICATION 5 credits

Courses from this area do not satisfy the writing-intensive requirement.

ENGL& 101, 102
JOURN 220

HUMANITIES/SOCIAL SCIENCES 15 credits

Minimum of 5 credits from Group A: Humanities.
Minimum of 5 credits from Group B: Social Sciences.
Additional 5 credits from Group A **OR** Group B.
No more than 5 credits in a foreign language or ASL.

GROUP A: HUMANITIES
ART 108, 109, 110, 112; ART& 100
CMST 227
DRMA& 101
ENGL 208, 209, 241, 247, 248, 249, 251, 259, 261, 271, 272, 278; ENGL& 111, 112, 113, 114, 220
Foreign Language **OR** ASL – 5 credits only
HUM 107, 141, 201, 221, 222, 223, 224, 236; HUM& 101
JOURN 110
MUSC 108, 109, 124, 235, 236, 237; MUSC& 105, 141, 142, 143, 241, 242, 243
PHIL 209, 210, 215, 220, 231; PHIL& 101, 106, 120

GROUP B: SOCIAL SCIENCES
ANTH& 100, 206, 210
ECON 100; ECON& 201, 202[1]
GEOG 101, 230, 260
HIST 106, 107, 141, 142, 222, 230, 240; HIST& 116, 117, 118, 136, 137, 214, 219
POLS 102, 125, 204, 205; POLS& 101, 202, 203
PSYC 204, 210, 250; PSYC& 100, 200, 220
SOC 204, 211, 221, 230, 261; SOC& 101, 201
WS 201

MATHEMATICS 30 credits

MATH 220, 274; MATH& 151, 152, 153, 254

SCIENCE/ENGINEERING 40 credits

Groups A, B, C AND D requirements must all be met.

GROUP A: Physics (calculus based) (15cr sequence)
PHYS 201, 202, 203

GROUP B: Chemistry (5cr)
CHEM& 161

GROUP C: Computer Programming[2] (10cr)
CS 253, 255
OR
CS 142; CS& 141

GROUP D: Engineering (10cr)
ENGR 190, 210

PRE-ENGINEERING ELECTIVES 10 credits

Select two electives as appropriate for intended major and intended four-year institution in consultation with the engineering adviser.
BIOL& 222
ENGL& 235
ENGR 201

[1] A course in Macro Economics is recommended.
[2] Although 2 quarters of computer language are required for the AS-T #2, GU requires CS& 141 only for Electrical Engineering and EWU requires CS 255 only for Electrical Engineering. Students should consult intended transfer institution for computer language requirements.

NOTES:
1. Students are responsible for checking specific major requirements of four-year institutions in the year prior to transferring.
2. It is recommended that sequential science classes be completed at one institution.
3. Students completing this Associate of Science Transfer (AS-T) degree will receive the same priority consideration for admission to the four-year institution as they would for completing the direct transfer associate's degree and will be given junior status by the receiving institution; this degree does not guarantee student's admission to the major.
4. Additional general education 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.
5. This degree may not fulfill all general education requirements of a particular four-year institution. Students should work with the engineering adviser for further guidance specific to their goals.

NOTE: Some institutions have requirements for admission to the major that go beyond those specified above. Students can meet these requirements by careful selection of additional elective courses. Students should work with a counselor or academic adviser for further guidance specific to their goals.

NOTICE: Due to the specialized nature of many of the listed courses, students should consult a counselor or academic adviser and the catalog of the four-year institution to which they plan to transfer for specific degree requirements.

DISCLAIMER: 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 (TRACK 2) DEGREE
COMPUTER AND ELECTRICAL PRE-ENGINEERING
WORKSHEET 2013-2014

Counselor's Initials_____ Date_____ Student Identification Number_____ Name_____

A total of 100 quarter credits are 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.

I. COMMUNICATION—5 credits

Course	Date	Cr
ENGL& 101, 102		
JOURN 220		
COMMUNICATION TOTAL		

II. HUMANITIES/SOCIAL SCIENCES—15 credits

Minimum of 5 credits from Group A: Humanities.
Minimum of 5 credits from Group B: Social Sciences.
Additional 5 credits from Group A **OR** Group B.
No more than 5 credits in a foreign language or ASL.

GROUP A: Humanities (minimum of 5cr)

Course	Date	Cr
ART		
CMST 227		
DRMA& 101		
English		
Foreign Language **OR** ASL		
Humanities (HUM / HUM&)		
JOURN 110		
Music (MUSC / MUSC&)		
Philosophy		

GROUP B: Social Sciences (minimum of 5cr)

Course	Date	Cr
Anthropology		
Economics[1]		
Geography		
History		
Political Science		
Psychology		
Sociology		
Women's Studies		
HUMANITIES/SOCIAL SCIENCES TOTAL		

III. MATHEMATICS—30 credits

Course	Date	Cr
MATH& 151		
MATH& 152		
MATH& 153		
MATH 220		
MATH& 254		
MATH 274		
MATHEMATICS TOTAL		

IV. SCIENCE/ENGINEERING —40 credits

Groups A, B, C **AND** D requirements must all be met.

GROUP A: Physics (calculus based) (15cr sequence)

Course	Date	Cr
PHYS 201		
PHYS 202		
PHYS 203		

GROUP B: Chemistry (5cr)

Course	Date	Cr
CHEM& 161		

GROUP C: Computer Programming[2] (10cr)

Course	Date	Cr
CS 253 **AND**		
CS 255		
OR		
CS& 141 **AND**		
CS 142		

GROUP D: Engineering (10cr)

Course	Date	Cr
ENGR 190		
ENGR 210		
SCIENCE/ENGINEERING TOTAL		

V. PRE-ENGINEERING ELECTIVES—10 credits

Select two electives as appropriate for intended major and intended four-year institution in consultation with the engineering adviser.

Course	Date	Cr
BIOL& 222		
ENGL& 235		
ENGR 201		
ELECTIVES TOTAL		

[1] A course in Macro Economics is recommended.
[2] Although 2 quarters of computer language are required for the AS-T #2, GU requires CS& 141 only for Electrical Engineering and EWU requires CS 255 only for Electrical Engineering. Students should consult intended transfer institution for computer language requirements.

^W COURSE_____
course title/number