

Spokane Community College and Spokane Falls Community College  
**ASSOCIATE IN SCIENCE – TRANSFER TRACK 2 (AS-T 2/MRP)**  
**Computer and Electrical Engineering Pathway**

Requirements for completion of an AS-T 2/MRP degree following the Computer and Electrical Engineering pathway:

- Cumulative grade point average (GPA) of 2.0 or higher
- Complete 100 quarter credits in courses numbered 100 or above, as follows:
 

|   |                                    |
|---|------------------------------------|
| Communication (5 credits)               | Science/Engineering (35 credits)   |
| Humanities/Social Sciences (15 credits) | Engineering Electives (15 credits) |
| Mathematics (30 credits)                |                                    |
- **5 credits must be W (writing-intensive)**
- Earn at least 30 credits at SCC/SFCC (at least 15 credits earned at the degree-awarding college)

*\*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.)

**2021-2022**

**COMMUNICATION 5 credits**

- 5 credits composition (these courses do not satisfy the writing- intensive requirement)
- ENGL& 101, 102

**HUMANITIES/SOCIAL SCIENCES  
15 credits**

- 5 credits from Group A
- 5 credits from Group B
- 5 additional credits from Group A or Group B
- No more than 5 credits in foreign language or ASL
- A course in Economics is recommended

**GROUP A: HUMANITIES**

ART 108, 109, 110, 112; ART& 100  
 CMST 226, 227  
 DRMA 140; DRMA& 101  
 ENGL 209, 241, 247, 248, 249, 259, 261, 271, 272, 278; ENGL& 111, 112, 113, 220  
 FILM 141, 221, 222, 224, 225, 236  
 Foreign Language **OR** ASL – 5 credits only  
 HUM 107, 201; HUM& 101  
 JOURN 110  
 MUSC 106, 108, 109, 124; MUSC& 105, 141, 142, 143, 241, 242, 243  
 PHIL 110, 209, 215, 220, 231; PHIL& 101, 115, 120

**GROUP B: SOCIAL SCIENCES**

ANTH& 100, 204, 206, 210  
 ECON 100; ECON& 201, 202  
 GEOG 101, 260; GEOG& 102  
 HIST 105, 106, 107, 230, 240; HIST& 116, 117, 118, 136, 137, 214, 219  
 POLS 102, 125, 204, 205; POLS& 101, 202, 203  
 PSYC 204, 250; PSYC& 100, 180, 200, 220  
 SOC 204, 211, 221, 230, 261; SOC& 101, 201

**MATHEMATICS 30 credits**

- 30 credits from the list below
- MATH 220, 274; MATH& 151, 152, 153, 254

**SCIENCE/ENGINEERING  
35 credits**

- 15 credits from Group A
- 5 credits from Group B
- 5 credits from Group C (consult intended transfer university for computer language requirements)
- 10 credits from Group D

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

PHYS 201, 202, 203

**GROUP B: Chemistry (5cr)**

CHEM& 161

**GROUP C: Computer Programming (5cr)**

CS& 141 (SFCC only)  
**OR**  
 CS 255 (SFCC only)

*GU requires CS& 141 for Electrical Engineering  
 EWU requires CS 255 for Electrical Engineering*

**GROUP D: Engineering (10cr)**

ENGR 190, 210 (SFCC only)

**ENGINEERING ELECTIVES  
15 credits**

- 15 additional credits
- Plan electives as appropriate for intended major and intended transfer university in consultation with the engineering advisor.

BIOL& 222  
 CS 142, 253 (SFCC only)  
 CHEM 162  
 ENGL& 235  
 ENGR 110 and 111, 201, 202, 240 (SFCC only)

**ALL STUDENTS – Meet regularly with your SCC/SFCC advisor or counselor.**

**TRANSFER STUDENTS – Transfer requirements vary based on major. Contact an advisor at your transfer university for additional 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 in 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 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 advisor for further guidance specific to their goals.

**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 advisor 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.

# 2021-2022 Worksheet

## ASSOCIATE IN SCIENCE – TRANSFER TRACK 2 (AS-T 2/MRP)

### Computer and Electrical Engineering Pathway

See reverse side for the complete statement of degree requirements and listing of available courses.  
Credits for a specific course may be used in only one distribution area.

Counselor Initials

Date

Student Identification Number

Name

#### I. COMMUNICATION—5 credits

- 5 credits composition (these courses do not satisfy the writing- intensive requirement)

| Course                     | Date | Cr |
|----------------------------|------|----|
| ENGL& 101                  |      |    |
| ENGL& 102                  |      |    |
| <b>COMMUNICATION TOTAL</b> |      |    |

#### II. HUMANITIES/SOCIAL SCIENCES

—15 credits

- 5 credits from Group A
- 5 credits from Group B
- 5 additional credits from Group A OR Group B
- No more than 5 credits in foreign language or ASL
- A course in Economics is recommended

##### GROUP A: Humanities (minimum of 5cr)

| Course                                  | Date | Cr |
|---|------|----|
| Art                                     |      |    |
| CMST 226, 227                           |      |    |
| Drama                                   |      |    |
| English                                 |      |    |
| Film                                    |      |    |
| Foreign Language OR ASL                 |      |    |
| Humanities                              |      |    |
| JOURN 110                               |      |    |
| Music                                   |      |    |
| Philosophy                              |      |    |
| <b>HUMANITIES/SOCIAL SCIENCES TOTAL</b> |      |    |

##### GROUP B: Social Sciences (minimum of 5cr)

A course in Economics is recommended

| Course                                  | Date | Cr |
|---|------|----|
| Anthropology                            |      |    |
| Economics                               |      |    |
| Geography                               |      |    |
| History                                 |      |    |
| Political Science                       |      |    |
| Psychology                              |      |    |
| Sociology                               |      |    |
| <b>HUMANITIES/SOCIAL SCIENCES TOTAL</b> |      |    |

#### III. MATHEMATICS—30 credits

- 30 credits from the list below

| Course                   | Date | Cr |
|--------------------------|------|----|
| MATH& 151                |      |    |
| MATH& 152                |      |    |
| MATH& 153                |      |    |
| MATH 220                 |      |    |
| MATH& 254                |      |    |
| MATH 274                 |      |    |
| <b>MATHEMATICS TOTAL</b> |      |    |

#### IV. SCIENCE/ENGINEERING

—35 credits

- 15 credits from Group A
- 5 credits from Group B
- 5 credits from Group C (consult intended transfer university for computer language requirements)
- 10 credits from Group D

##### 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 (5cr)

| Course              | Date | Cr |
|---------------------|------|----|
| CS& 141 (SFCC only) |      |    |
| CS 255 (SFCC only)  |      |    |

*GU requires CS& 141 for Electrical Engineering  
EWU requires CS 255 for Electrical Engineering*

##### GROUP D: Engineering (10cr)

| Course                           | Date | Cr |
|----------------------------------|------|----|
| ENGR 190 (SFCC only)             |      |    |
| ENGR 210 (SFCC only)             |      |    |
| <b>SCIENCE/ENGINEERING TOTAL</b> |      |    |

#### V. ENGINEERING ELECTIVES

—15 credits

- 15 additional credits
- Plan electives as appropriate for intended major and intended transfer university in consultation with the engineering advisor.

| Course                            | Date | Cr |
|-----------------------------------|------|----|
| BIOL& 222                         |      |    |
| CS 142 (SFCC only)                |      |    |
| CS 253 (SFCC only)                |      |    |
| CHEM 162                          |      |    |
| ENGL& 235                         |      |    |
| ENGR 110 and ENGR 111 (SFCC only) |      |    |
| ENGR 201 (SFCC only)              |      |    |
| ENGR 202 (SFCC only)              |      |    |
| ENGR 240 (SFCC only)              |      |    |
| <b>ELECTIVES TOTAL</b>            |      |    |

**ALL STUDENTS – Meet regularly with your SCC/SFCC advisor or counselor.**

**TRANSFER STUDENTS – Transfer requirements vary based on major. Contact an advisor at your transfer university for additional requirements.**

**W COURSE**

\_\_\_\_\_

course title/number