

**SEATTLE COLLEGES**  
**ASSOCIATE OF SCIENCE (AS-T) Degree Option #2 worksheet**  
 Atmospheric Sciences, Computer Science, Engineering and Physics



**FOR PLANNING PURPOSES ONLY - UNOFFICIAL**

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Prepared By: \_\_\_\_\_  
 Transferring to: \_\_\_\_\_ Intended Area of Study: \_\_\_\_\_

| BASIC REQUIREMENTS: 25 CREDITS                                                                          |                                                                    |     |    |    |      |              |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----|----|----|------|--------------|
| CMST courses:                                                                                           | Courses                                                            | YRQ | GR | CR | NEED | TR           |
| CMST &101, 115, 145, 155, 175, 185, 195, 205, &210, 215, &220, &230, 235, 245, 255, 265, 275, 285, 295. | Composition I<br><b>ENGL&amp; 101</b>                              |     |    |    |      |              |
|                                                                                                         | Composition II or Communications<br><b>ENGL&amp; 102 / CMST</b>    |     |    |    |      |              |
|                                                                                                         | Calculus I<br><b>MATH&amp; 151</b>                                 |     |    |    |      |              |
|                                                                                                         | Calculus II<br><b>MATH&amp; 152</b>                                |     |    |    |      |              |
|                                                                                                         | Calculus III or Statistics<br><b>MATH&amp; 163 / MATH&amp; 146</b> |     |    |    |      |              |
|                                                                                                         |                                                                    |     |    |    |      | <b>TOTAL</b> |

| GENERAL EDUCATION: 15 CREDITS                         |                           |     |    |    |      |              |
|-------------------------------------------------------|---------------------------|-----|----|----|------|--------------|
| See reverse for a full list of courses for each area. |                           |     |    |    |      |              |
| To include a min. of 5 credits each in VLPA & ICS.    | Courses                   | YRQ | GR | CR | NEED | TR           |
|                                                       | <b>VLPA</b>               |     |    |    |      |              |
|                                                       | <b>ICS</b>                |     |    |    |      |              |
|                                                       | <b>VLPA <u>or</u> ICS</b> |     |    |    |      |              |
|                                                       |                           |     |    |    |      | <b>TOTAL</b> |

| PRE-MAJOR SCIENCES: MIN. 40 CREDITS |                                                                                                                                                                    |     |    |    |      |              |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|----|------|--------------|
|                                     | Courses                                                                                                                                                            | YRQ | GR | CR | NEED | TR           |
|                                     | *General Physics<br><b>PHYS &amp;114</b> <input type="checkbox"/> <b>&amp;115</b> <input type="checkbox"/> <b>&amp;116</b> <input type="checkbox"/> <u>or</u>      |     |    |    |      |              |
|                                     | *Engineering Physics - Calculus<br><b>PHYS &amp;221</b> <input type="checkbox"/> <b>&amp;222</b> <input type="checkbox"/> <b>&amp;223</b> <input type="checkbox"/> |     |    |    |      |              |
|                                     |                                                                                                                                                                    |     |    |    |      |              |
|                                     |                                                                                                                                                                    |     |    |    |      |              |
|                                     |                                                                                                                                                                    |     |    |    |      |              |
|                                     |                                                                                                                                                                    |     |    |    |      |              |
|                                     |                                                                                                                                                                    |     |    |    |      |              |
|                                     |                                                                                                                                                                    |     |    |    |      |              |
|                                     |                                                                                                                                                                    |     |    |    |      |              |
|                                     | * Select one science series to complete.                                                                                                                           |     |    |    |      | <b>TOTAL</b> |

| ELECTIVES: MIN. 10 CREDITS |         |     |    |    |      |              |
|----------------------------|---------|-----|----|----|------|--------------|
|                            | Courses | YRQ | GR | CR | NEED | TR           |
|                            |         |     |    |    |      |              |
|                            |         |     |    |    |      |              |
|                            |         |     |    |    |      | <b>TOTAL</b> |

|                                          |                           |                      |
|------------------------------------------|---------------------------|----------------------|
| <b>DEGREE TOTAL</b><br><b>90 CREDITS</b> | <b>CREDITS COMPLETED:</b> | <input type="text"/> |
|                                          | <b>CREDITS REMAINING:</b> | <input type="text"/> |

**AS-T OPTION #2 DEGREE**  
**Important Notes & Requirements**

- Completion of at least 90 college-level (courses numbered 100 or above) credits, including transferred in credits, with a minimum cumulative GPA of 2.0 is required to earn the AS-T degree.
- Courses may only be used once in Basic, Distribution & Elective requirements.
- Minimum passing grade of 1.0 is required in all courses.
- At least 15 credits must be earned at the degree granting campus.
- Students should apply for degree/graduation one quarter prior to anticipated graduation date.
- Completion of degree does not guarantee admission to a university/major program nor that all general education requirements are met.

**NOTES**

- ♦ Do you have credits from another college?
- ♦ Do you need World Language credits?

## Areas of Knowledge Distribution Requirements for AS-T Option #2 Degree

A full listing of courses is available here: <http://www.seattlecolleges.com/DISTRICT/catalog/cccollegetransfer.aspx#>

### VISUAL, LITERARY, AND PERFORMING ARTS (VLPA) Humanities and Arts – MIN. 5 CREDITS

**Arabic:** ARAB 101 **Art:** ART &100, &101\*, &102\*, &103\*, &104, &105, &111\*, &112\*, &113\*, &121\*, &122\*, &123\*, &201\*, &202\*, &203\*, &205\*, &206\*, &207\*, &251, &252, &253, &254, &255, &256  
**American Sign Language:** ASL &121, &122, &123, &221, &222, &223  
**Chinese:** CHIN &121, &122, &123  
**Communication:** CMST &101, &102, &145, &155, &175, &185, &195, &205, &210, &220, &230  
**Drama:** DRMA &101, &103, &105, &112, &120\*, &121\*, &122\*, &123\*, &204\*, &205\*, &206\*  
**English:** ENGL &111, &112, &113, &114, &117, &151, &152, &205, &214,

&218, &224, &226, &240, &244, &245, &251, &253, &254, &256, &257, &258, &263, &265, &270  
**French:** FRCH &121, &122, &123  
**German:** GERM &121, &122, &123  
**Humanities:** HUM 105, &110, &116, &117, &118, &120, &125, &130, &150, &155, &210, &270 **Japanese:** JAPN &121, &122, &123, &221  
**Linguistics:** LAN 101, &110  
**Music:** MUSC 100, &110, &116, &119\*, &120\*, &126\*, &127\*, &128\*, &130\*, &134 - &140\*, &141, &145\*, &146\*, &147\*, &148\*, &151\*, &161, &171\*, &172\*, &173\*, &185, &204 **Spanish:** SPAN &121, &122, &123, &221, &236, &238

### INDIVIDUALS, CULTURES, AND SOCIETIES (ICS) Social Sciences – MIN. 5 CREDITS

**American Ethnic Studies:** AME 150, &151, &201  
**Anthropology:** ANTH &100, &106, &135, &201, &206, &228, &275  
**American Sign Language:** ASL 120, &125 **Biology:** BIOL 150  
**Economics:** ECON 100, &201, &202  
**Environmental Science:** ENVS &101, &150, &160, &170, &200, &202, &206, &208, &214, &294 **Geography:** GEOG &100, &155, &200, &230  
**History:** HIST &126, &127, &128, &131, &136, &137, &146, &147, &148, &150, &210, &214, &269

**International Studies:** ISP 105, &201, &205, &210, &255  
**Philosophy:** PHIL &101, &102, &160, &215, &255, &267  
**Political Science:** POLS &101, &112, &170, &200, &202, &203, &205, &255  
**Psychology:** PSYC &100, &120, &200, &207, &209, &220, &230, &245, &250, &257, &260 **Sociology:** SOC &101, &102, &150, &201, &220, &225, &230, &245  
**Women's Studies:** WMN 140, &200, &205, &213, &257

### PRE-MAJOR SCIENCES – MIN. 40 CREDITS

Must include at least one science series with labs.

**Anthropology:** ANTH &204, &205, &275  
**Astronomy:** ASTR &100, &104, &110\*  
**Biology:** BIOL &100\*, &107\*, &109, &120\*, &128\*, &150, &160\*, &161\*, &211\*, &212\*, &213\*, &241\*, &242\*, &260\* **SPS** 201\*  
**Botany:** BOT 112\*, &113\*  
**Chemistry:** CHEM &110\*, &121\*, &122\*, &131, &139, &161\*, &162\*, &163\*, &241, &242, &243, &251\*, &252\*, &255, &256  
**Computer Science:** CSC 110, &142, &143  
**Engineering:** ENGR 110, &111, &142, &214, &215, &224, &225, &240  
**Environmental Science:** ENVS &101\*, &150, &160, &170, &202\*, &204\*, &206\*, &208, &216\* **Geography:** GEOG 205

**Geology:** GEOL &101\*, &105\*, &110\*, &111\*, &118\*, &208\*  
**Health:** HEA 125, &150, &225, &228  
**Math:** 102, &107, &109, &116, &131, &132, &136, &141, &142, &146, &148, &151, &152, &153, &163, &220, &224, &238.  
**Meteorology:** MEY 100 **Nutrition:** NTR 150, &155  
**Oceanography:** OCEA &100, &101\*  
**Philosophy:** PHIL &106, &120  
**Physics:** PHYS &100, &114\*, &115\*, &116\*, &221\*, &222\*, &223\*  
**Psychology:** PSYC 222  
**Science:** SCI 107\*, &131\*, &132\*, &133\*

### ELECTIVES - MIN. 10 CREDITS All Academic/College Transfer courses numbered 100 or above may be used as electives.

**Electives:** ANY Extra Credits exceeding the Basic & Distribution Requirements can also apply to electives. They also include:

- ACCT &201, &202, &203 ASL 132 BUS &101, &200, &201, &210 CFS 155 DES 110, &197 EDUC 200 – &272 (excluding &115, &130, &135, &150, &203) ENGR &112, &204 ENGL &230, HEA 226, SHS 235, STEM 101
- Transfer courses in Seminar, Directed Readings, Special Projects/Topics (E.g. 198, 299)
- Physical Education Courses (PEC) – (3 cr. Max)

**"Restricted" electives** – Any college level courses considered professional/technical courses. E.g. CFS, DES, INFO, ITC, MIC, SHS, as well as Service Learning, Coop Ed, Travel Study, Work Experience, Library courses, etc.

**Notice:** Students should choose courses according to the established bachelor's degree graduation requirements of their chosen four-year institution and make plans as early as possible in their transfer planning using the following guide:

- Check current catalog or website of the chosen school to research deadlines & general admission/transfer requirements.
- Check the department website or with a program advisor about course work fulfilling admission prerequisites for the major.
- Check carefully before applying for transfer to be certain all requirements will be met to the satisfaction of the four-year institution.