

SEATTLE COLLEGES
ASSOCIATE OF SCIENCE (AS-T) Degree Option #2 worksheet



Atmospheric Sciences, 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 ENGL& 101					
	Composition II or Communications ENGL& 102 / CMST					
	Calculus I MATH& 151					
	Calculus II MATH& 152					
	Calculus III or Statistics MATH& 163 / MATH& 146					
						TOTAL

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.

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
	VLPA					
	ICS					
	VLPA <u>or</u> ICS					
						TOTAL

PRE-MAJOR SCIENCES: MIN. 40 CREDITS						
	Courses <i>*choose one sequence</i>	YRQ	GR	CR	NEED	TR
	*General Physics PHYS & 114 ☐ & 115 ☐ & 116 ☐ <u>or</u>					
	*Engineering Physics - Calculus PHYS & 221 ☐ & 222 ☐ & 223 ☐					
						TOTAL

NOTES

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

ELECTIVES: MIN. 10 CREDITS						
	Courses	YRQ	GR	CR	NEED	TR
						TOTAL

DEGREE TOTAL 90 CREDITS	CREDITS COMPLETED:	
	CREDITS REMAINING:	

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

* A full listing of courses is available here: www.seattlecolleges.edu/district/catalog/cccollegetransfer.aspx

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

Arabic: ARAB 101 - 103 **Art:** ART &100, 101* - 103*, 104, 105, 111* - 125*, 170, 201* - 215*, 251 - 256
American Sign Language: ASL &121 - &123, &221 - &223
Chinese: CHIN &121 - &223
Communication: CMST &101, &102, 115 - 205, &210 - &230, 240 - 295 **Drama:** DRMA &101, 112, 114* - 123*, 131, 170* - 223*, 284
English: ENGL 104, &111 - &114, 115 - 162, 204 - 218, &224 - &228,

(ENGL cont.) 231, 232, 240, &245, &246, 247 - 252, &254, &256, 257 - 293 **French:** FRCH &121 - &223 **German:** GERM &121 - &123
Humanities: HUM 104 - 112, &116 - &118, 120 - 160, 200 - 270
Japanese: JAPN &121 - &223 **Linguistics:** LAN 101, 110
Music: MUSC 100, &105, 110 - 117, 119*, 120*, 125, 126* - 140*, &141 - &143, 144* - 158*, 160 - 163, 164* - 182*, 185 - 213, 221* - 223*, &231 - &233 **Spanish:** SPAN &121 - &223, 236, 238

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

American Ethnic Studies: AME 150 - 201 **Anthropology:** ANTH &100, &106, 113, &125, 130 - 201, &206, &210, &216 - &228, 250, 275
American Sign Language: ASL 120, 125
Biology: BIOL 150 **Economics:** ECON 100, &201, &202
Environmental Science: ENVS 100, &101, 150 - 170, 200, 202, 206, 208, 214, 294 **Geography:** GEOG &100, 155, &200, 207, 230
History: HIST 105 - 122, &126 - &128, 130, 131, &136, &137,

(HIST cont.) 138 - 145, &146 - &148, 150 - 212, &214, &219, 268, 269
Humanities: HUM 170 **International Studies:** ISP 101 - 205
Philosophy: PHIL &101, 102, 160 - 215, 240 - 267
Political Science: POLS &101, 170, &202, &203, 205 - 255
Psychology: PSYC &100, 120, &200, 207 - 210, &220, 230, 245 - 260
Sociology: SOC &101, 102 - 150, &201, 220 - 250
Women's Studies: WMN 200 - 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* - &213*, 228*, 229*, &241* - &260*, 290
SPS 201* Botany: BOT 112*, 113*
Chemistry: CHEM &110* - &131*, &139, &161* - &163*, &241 - &243, &251*, &252* **Computer Science:** CSC 110 - 143
Engineering: ENGR 110, &111, &112, 142, &204 - &225, 240
Environmental Science: ENVS &100, &101*, 150 - 170, 201, 202*, 203, 204*, 205, 206*, 208, 216*, 221

Geography: GEOG 205 **Geology:** GEOL &101*, 105*, &110*, 111*, 118*, &208* **Health:** HEA 125 - 225, 228
Math: All MATH college transfer courses number 102 and above.
Technical math courses NOT usable for transfer purposes.
Meteorology: MEY 100 **Nutrition:** NUTR &101, NTR 150
Oceanography: OCEA &100, &101* **Philosophy:** PHIL &106, &120
Physics: PHYS &100, 107*, &114* - &116*, &221 - &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 apply to electives. They also include:

- ♦ ACCT &201, &202, &203 ASL 132 BUS &101, 200, &201, 210 CSC 102B, 102Q EDUC 200, &202, &205, 210 - 272 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 (Maximum 5 cr.) – Any college level courses considered professional/technical courses. E.g. BTM, ECED, HDC, INFO, ITC, SHS, as well as Service Learning, Cooperative Education, Travel Study, Work Experience, Library courses, etc. They also include:

- ♦ BIOL 103 EDUC &115, &130, &135, &150, &203 ENGL 105, 106, &230 MATH 110, 119 PHIL 131, 132, 230 PSYC 231, 232, 240

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.