

SEATTLE CENTRAL COMMUNITY COLLEGE

***Associate of Science Transfer (AS-T) Degree Option #2 - As of Fall Qtr. 2009 (A902)
(Atmospheric Sciences, Computer Science, Engineering and Physics)**

** The AS - DTA Degree May Be A Preferable Option For Transfer To Most 4-year Schools.*

- ✿ Completion of 90 applicable credits, including transferred-in credits, with a minimum cumulative GPA of 2.0.
- ✿ At least 15 credits must be earned from Seattle Central Community College.
- ✿ Students should apply for the award and graduation one (1) quarter prior to the anticipated graduation date.
- ✿ Students are responsible for checking specific transfer requirements for the intended 4 year institution.
- ✿ Completing an AS-T deg. does not guarantee admission to a university/major program, or all Gen Ed requirements are met.

BASIC REQUIREMENTS: 25 Credits		PRE-MAJOR SCIENCES: *40 Credits Minimum	
ENGL &101 (Composition)	CREDIT	NEED	
ENGL &102 (Composition 2) <u>or</u> CMST (Communication/Speech)			
MATH &151 (Calculus 1)			
MATH &152 (Calculus 2)			
❖ MATH &153 (Calculus 3) <u>or</u> MATH 109 (Elem. Statistics)			
GENERAL EDUCATION: 15 Credits		*Including a Physics Sequence with Labs	
VLPA - 5cr	CREDIT	NEED	❖ General Physics PHYS &121 <input type="checkbox"/> &122 <input type="checkbox"/> &123 <input type="checkbox"/> <u>or</u>
VLPA <u>or</u> ICS			❖ Engineering Physics - Calculus PHYS &221 <input type="checkbox"/> &222 <input type="checkbox"/> &223 <input type="checkbox"/>
ICS - 5cr			❖ Recommended - Engineering Majors: CHEM &161 (General Chem. 1 w/ Lab)
<i>To include a minimum of 5 cr. each in ICS & VLPA.</i>			❖ Recommended Course: CSC/ENGR 142 (Programming)
ELECTIVES: # Minimum 10 Credits (See back page for restrictions)	CREDIT	NEED	
# May include additional credits to meet the 90 credit total.			
			TOTAL CREDITS COMPLETED:
			TOTAL CREDITS REMAINING:

- ❖ Students should consult with an Advisor or the Science Counselor for guidance in course selection.
- ✿ SEE REVERSE SIDE FOR THE COURSE DISTRIBUTION LIST
- ✿ TOTAL CREDITS NEEDED: 90

AS-T Degree Option #2 Course Distribution List

BASIC REQUIREMENTS Cont.: *May be fulfilled by any of the following courses or an approved equivalent.*

****ENGL &102 or a Communications/Speech course:** CMST &101, &102, 115 - 205, &210, 215, &220, &230, 235 - 295

<u>GENERAL EDUCATION (VLPA) minimum 5 cr.</u> Visual, Literary, And Performing Arts (<i>Humanities</i>)		<u>GENERAL EDUCATION (ICS) minimum 5 cr.</u> Individuals, Cultures, And Societies (<i>Social Sciences</i>)	
<p>American Sign Language: ASL &121, &122, &123, 210, &221, &222, &223</p> <p>Art: ART &100, 101, 102, 103, 104, 105, 110, 111, 112, 113, 114, 115, 121, 122, 123, 163, 166, 170, 201, 202, 203, 205, 206, 207, 210, 211, 212, 213, 214, 215, 216, 217, 221, 222, 223, 251, 252, 253, 254, 255, 281, 282, 283, 285, 290, 291</p> <p>Chinese: CHIN &121, &122, &123, &221, &222, &223</p> <p>Communication: CMST &101, &102, 115, 145, 155, 175, 185, 195, 205, &210, 215, &220, &230, 235, 245, 255, 265, 275, 285, 295</p> <p>Drama: DRMA &101, 103, 105, 108, 109, 110, 112, 114, 116, 120, 121, 122, 123, 131, 182, 204, 205, 206, 221, 222, 223, 284, 285, 286</p> <p>English: ENGL 104, 109, &111, &112, &113, &114, 117, 151, 152, 153, 201, 204, 205, 214, 218, 219, &224, &225, &226, &227, &228, 231, 232, 233, 240, 241, &244, &245, &246, 251, 252, 253, &254, &256, 257, 258, 259, 260, 263, 265, 266, 267, 270, 291, 292, 293</p> <p>German: GERM &121, &122, &123</p>	<p>French: FRCH &121, &122, &123, 204, 205, 206, 212, &221, &222, &223, 231, 232, 233</p> <p>Humanities: HUM 104, 105, 110, 115, &116, &117, &118, 120, 125, 150, 160, 200, 210, 234, 261, 270</p> <p>Japanese: JAPN &121, &122, &123, &221, &222, &223</p> <p>Journalism: JRN 101, 102, 103</p> <p>Linguistics: LAN 101, 110</p> <p>Literature: LIT 236, 238</p> <p>Music: MUSC 100, 106, 109, 110, 113, 116, 117, 119, 120, 125, 126, 127, 128, 130, 134 – 140, &141, &142, &143, 144, 145, 146, 147, 148, 150, 151, 156, 157, 158, 160, 161, 163, 164, 165, 166, 171, 172, 173, 182, 185, 204, 205, 213, 221, 222, 223, &231, &232, &233</p> <p>Russian: RUSS &121, &122, &123</p> <p>Spanish: SPAN &121, &122, &123, &221, &222, &223, 236, 238</p> <p>Vietnamese: VIET &121, &122</p>	<p>American Ethnic Studies: AME 150, 151, 160, 201</p> <p>American Sign Language: ASL 120, 125</p> <p>Anthropology: ANTH &100, &106, 113, &125, 130, 135, 201, &206, &210, 211, 212, 213, &216, &228</p> <p>Economics: ECON 100, 102, &201, &202, 240</p> <p>Environmental Science: ENV 150, 202</p> <p>Geography : GEG 100, 200, 207, 230, 260</p> <p>History: HIST 105, 106, 108, &136, &137, &146, &147, &148, 120, &126, &127, &128, 131, 138, 140, 145, 150, 191, 200, 208, 210, 211, 212, &214, &219, 221, 230, 241, 242, 251, 268, 269, 273</p>	<p>International Studies: ISP 101, 105, 110, 120, 160, 170, 201, 205, 210, 220, 234, 251, 255, 260, 261, 270</p> <p>Philosophy : PHIL &101, 102, 110, 111, 118, 160, 215, 240, 245, 250, 255, 267</p> <p>Political Science: POLS &101, 111, 112, 170, &200, &202, &203, 205, 206, 213, 220, 255</p> <p>Psychology: PSYC &100, 120, &200, 207, 209, 210, 217, &220, 230, 235, 245, 250, 255, 257, 294</p> <p>Religion: REL 150, 151</p> <p>Social Science: SSC 101, 103, 187</p> <p>Sociology: SOC &101, 102, 105, 106, 107, 120, 130, 150, 170, &201, 220, 230, 245, 250, 253, 265, 275, 280</p> <p>Social Welfare: SWF 200</p> <p>Women Studies: WMN 140, 200, 205, 213, 257</p>

PRE-MAJOR SCIENCES: Pre-Requisites & Program Specific Courses

<p>Anthropology: ANTH &204, &205</p> <p>Astronomy: ASTR &100, &110, 201</p> <p>Biology: BIOL &100, 102, 106, 107, 120, 125, 128, 130, &160, 161, 195, 196, &211, &212, &213, 228, 229, 239, &241, &242, &260, 282, 285, 286, 287, 290</p> <p>Botany: BOT 110, 112, 113</p> <p>Chemistry: CHEM &110, 106, &121, &122, &123, &139, &161, &162, &163, 191, 192, 211, &241, &242, &243, &251, &252, 255, 256</p>	<p>Computer Science: CSC 110, 111, 142, 143</p> <p>Engineering: ENGR &111, 140, 142, &214, &215, &224, &225, 271</p> <p>Environmental Science: ENV 150, 160, 170, 201, 202, 203, 205, 221</p> <p>Geography: GEG 205</p> <p>Geology: GEOL &101, &103, 104, 105, 106, 108, &110, 111, &115, 118, 202, 207, &208</p>	<p>Health: HEA 125, 150, 160, 225</p> <p>Mathematics: MATH 102, 103, 104, &107, 109, 116, 120, &141, &142, &148, &151, &152, &153, 170, 171, 172, 220, 224, 238</p> <p>Meteorology: MEY 100</p> <p>Material Science: MSC 101</p> <p>Nanotechnology: NANO 101</p> <p>Nutrition: NTR 105, 150, 155</p>	<p>Oceanography: OCEA 100, OCEA &101</p> <p>Philosophy: PHIL &106</p> <p>Physics: PHYS &100, 107, &121, &122, &123, &221, &222, &223</p> <p>Psychology: PSYC 222</p> <p>Science: SCI 100, 101, 104, 110, 112 – 119, 121</p> <p>Speech & Hearing Science: SPS 201</p> <p>Sustainability: SUST 101</p>
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ELECTIVES: All COURSES numbered 100 and above, and any credits exceeding the minimum basic & distribution requirements, are used as either "Transferable" or "Restricted" FREE electives. Transferable courses numbered 198 - 299 and titled "Independent Reading & Study," "Seminar," "Special Problems or Topics" may also be used. Physical Education (PEC 3 cr. max). **PLEASE NOTE: a maximum 5 credits total of "Restricted" FREE electives** may be used in any combination of the following (up to the maximum in brackets for each category); Workforce/Professional -Tech/ Vocational [5], Human Development Courses (HDC) [5], Library (LIB, INFO) [5], Cooperative Ed., Service Learning, Community & Volunteer Service, Travel Study, Work Experience, etc. (CWE, CMS, EDUC, SLN, etc.) total combined maximum of [5].

Notice: Students should choose courses according to the established, bachelor's degree graduation requirements of their chosen 4 year school and make plans as early as possible in their transfer planning using the following guide:

- ◆ Check a current catalog or website of the chosen school to research Deadlines & General Admissions/Transfer requirements.
- ◆ Check the department website or with a program advisor about course work fulfilling admission pre-requisites for the Major.
- ◆ Check carefully before applying for transfer to be certain all requirements will be met to the satisfaction of the 4 year school.