DRAFT 9/15/2014
Associate of Science/Oregon Transfer Degree in Computer Science

Requirements		Courses which satisfy requirements
General Requirements		**Note: All general and discipline courses must be completed with a grade of "C-" or better**
Writing: A minimum of 8 credits of college-transfer writing courses.	8 credits minimum	**WR**121, 122 or 227
Oral Communication: One course in the fundamentals of speech or communication	1 course	AAOT/ASOT approved courses (each CC to list specific allowed course numbers)
Mathematics: (Some universities require additional math courses, see electives/university specific requirements on page 2)	2 courses	**MTH251 and MTH252**
Health/Wellness/Fitness:		**One course from HE 242, 250, 254, HPE 295, or three PE courses (not including PE10, 199 or 299)**
Discipline Studies		Note: Courses used to meet these requirements must be at least 3 credits each.
Arts and Letters: Three chosen from at least two disciplines. Each course must be a minimum of 3 credits.	3 courses	AAOT/ASOT approved courses (each CC to list specific allowed course numbers)
Social Sciences: Four courses chosen from two or more disciplines, with a minimum of two courses in "principles of economics" (to include microeconomics and macroeconomics) at the 200 level. The Each course must be a minimum of 3 credits.	4 courses	AAOT/ASOT approved courses (each CC to list specific allowed course numbers)
Sciences (Three courses that must be laboratory courses In biological and/or physical science)	3 courses	**Choose at least three courses from:** AAOT/ASOT approved courses (each CC to list specific allowed course numbers)
Cultural Literacy The course used to meet cultural literacy may also be used to meet arts & letters, social science or science requirement if the course Is listed in both sections. Students may **not** count the credits twice toward completion of the 90 credits required for the degree. Course must be completed summer term 2010 or later.	1 course	AAOT/ASOT approved courses (each CC to list specific allowed course numbers)
Computer Science: common core requirements		**All courses here must be completed with a grade of "C" or better**
Computer Science-Specific Requirements: Note: Each course in this section must be completed with a grade of "C" or better ("B" or better for SOU). **(Some universities may expect additional courses, see electives/university specific requirements below)**	4 courses	**CS160: Computational Thinking** (or high school AP CS Principles exam with score above approved level) **CS161: Computer Science 1** **CS162: Computer Science 2** **CS260: Data Structures**
Electives and/or University-Specific Prerequisites Electives should be taken to meet the requirements of your transfer institution. See your advisor for assistance.	Fill out remaining credits to 90+	Depends on choice of transfer institution. Articulation guide and school specific classes listed on page 2. Be sure to discuss with an advisor.
Additional graduation requirements		
Grand Total Credits: For students graduating from high school 1997 or later, OUS has a second language admission requirement: two terms of college-level language with a grade of "C-" or above, OR two years of the same high school-level second language with an average grade of "C-" or above. ASL will meet this requirement.	90+	A maximum of 12 credit hours in career and technical education courses numbered 050 or higher may be included, with the exception of the following: **BT**104, 105; **COM**051, 052, 053; **MTH**052 through 095; **RD**080, 090; **SSP**050A,B, C; **SSP**051; **WR**0080, 90, 091. Students must earn a minimum of <X> credits from <CC name>.

University program advising guide

Note: below are program specific, lower division BA/BS graduation requirements and program notes. These are not ASOT-CS graduation requirements. See http://occcwiki.org for details and regularly updated university specific information. Numbers shown are common community college numbers unless otherwise noted.

BA/BS lower division graduation requirements	University notes
Eastern Oregon University	**BS Computer Science**
● CS133x (C/C++) ● Mth231	http://cs.eou.edu/
Oregon State University	**BS Computer Science**
All CS/IS applicants: ● If you take WR227 instead of WR122 you will also need to take WR214 (The WR227 will transfer in as WR327) ● CS275: Database Systems ● Mth 231 & 232 (to satisfy 231 at OSU) Applied CS Option extra requirements: ● CS271 Information Systems Option extra requirements: ● CS271, Econ 201 Systems Option extra requirements: ● Mth 254, Mth306, Ph 211/221, ECE271	1) To become a CS major at OSU you must be admitted to ProSchool in addition to being admitted to the university. ProSchool admissions is GPA based (cutoff depends on capacity and number of applicants) and requires that you have completed the **OSU** core degree requirements. Applications are due July 1st for Fall term admission. http://eecs.oregonstate.edu/undergraduate-students/pro-school
Oregon Institute of Technology	**BS Software Engineering Technology**
● Take both WR122 and WR227 ● Mth254 ● CST136 OOP (CS261 at PCC) ● PSY201 for social science ● Can transfer in CS271 and CS275 for needed credits	1) Physics with Calculus required for science sequence 2) Math253 will be used as one of three technical elective courses 3) Course in Discrete Math or Discrete Structures www.oit.edu/academics/degrees/software-engineering-technology
Portland State University	**BS Computer Science**
● CS201, CS202 (CS261 at PCC), ● CS250, CS 251 (discrete math at PSU) ● Mth253, WR227, SP111 ● Science courses must consist of an approved sequence of lab science courses. Choices are: Ph 211/212/213, Ch 221/222/223, or BI 211/212/253 (PSU numbers 251/252/253) each with appropriate labs.	1) To become a CS major at PSU you must be admitted to the CS program in addition to being admitted to the university. Admission to the major requires a 2.0 all-attempts GPA in the PSU CS core, a C- or better in other required lower division courses, as well as passing an in person programming proficiency exam. Fall applications to the major are due July 1st. http://pdx.edu/computer-science/bachelor-of-science-program#adm
Southern Oregon University	**BS Computer Science**
● No additional lower division course requirements beyond ASOT-CS required courses	1) Must have grade of B or higher in CS161/CS162 (SOU CS256/CS257) http://sou.edu/cs/index.html
University of Oregon	**BS Computer Information Science**
● MTH 231 & 232 ● Science courses must consist of an approved sequence of lab science courses. Choices are: PH 211/212/213, CH 221/222/223, or BI 211/212/213 ● Recommend two of following: MTH 233, 253, 261 ● Recommend taking all three writing classes	1) Must have grade of B or higher in CS 161, CS 162, & CS 260 2) MTH 231 & 232 are prerequisites for most 300 level CS courses 3) Take a course in Java, if CS 161/162/CS260 is in another language. http://cs.uoregon.edu/Education/Transfers.php
Western Oregon University	**BS Computer Science, BS Information Systems**
● CS133x or CS233x or CS234x or CS262: Programming language* ● CS271: Computer Organization	* Take a course in Java, if CS161-162 is in another language, otherwise any 2nd language in different programming paradigm from CS161-162 http://www.wou.edu/las/cs/

Changes from the 2009 revised AAOT:
- This degree will meet all of the revised AAOT requirements, with some area specified courses
- Math requirements modified to require both Mth251 and Mth252
- CS requirements added, a sequence of four core classes: CS160, CS161, CS162, CS260
- "Science/Math/CS" AAOT is reduced to "Science" with a three class lab sequence, as ASOT-CS students will have several CS & Math courses that meet the 4th course requirement

Student resource guide for locating online articulated courses:
Online courses available at these community colleges; students attending other community colleges may enroll in these online courses to help fulfill university specific requirements. Please consult with the specific Community College for terms and availability of these online courses.

Core courses and electives	Generally offered online at these CCs
CS133x, CS233x, CS234x	PCC, Chemeketa
CS160 Computational Thinking	PCC, Chemeketa, Lane, Umpqua, Treasure Valley
CS161 Computer Science I	PCC, Chemeketa, Lane, Mount Hood, Umpqua
CS162 Computer Science II	PCC, Chemeketa, Lane, Mount Hood, Umpqua
CS201 (PSU)	PCC
CS261 (PSU CS202)	PCC
CS250 (PSU)	PCC
CS251 (PSU)	PCC
CS260 Data Structures	PCC, Lane, Umpqua
CS271 Computer Architecture	
MTH231 Discrete Math 1	
MTH232 Discrete Math 2	

Note on discrete math requirements: Some schools teach these courses in the CS program as CS prefixed classes (PSU, PCC) while others teach this out of math programs (MTH231 & 232). These currently articulate both ways, but students should contact an undergraduate advisor at the selected university for current articulation of these courses.

NOTES AND CLARIFICATIONS

University-Specific Prerequisites and Recommendations
See attached list. Please note: This list of prerequisites and recommendations is subject to change without notice.

Computer Science, Pro School/Program Admission
Admission to Computer Science or Professional school/program of any Oregon University System (OUS) institution is not guaranteed upon completion of the Associate of Science/Oregon Transfer in Computer Science (AS/OT-CS) degree. It is strongly recommended that students contact the specific OUS campus' Computer Science school/program early in the first year of their AS/OT-CS program to be advised about additional requirements and procedures for admission consideration to the OUS institution and the Computer Science school/program.

Transfer Status
Any student who holds Associate of Science/Oregon Transfer in Computer Science (AS/OT-CS) degree that conforms to the guidelines set forth herein, and who transfers to any institution in the Oregon University System, will have met the lower-division general education requirements of that institution's baccalaureate degree programs. Students transferring with this degree will have junior standing for registration purposes.

For transfer students graduating from high school in 1997 and thereafter, the Oregon University System has a second language admission requirement: two terms of a college-level second language with an average grade of C- or above, OR two years of the same high school-level second language with an average grade of C- or above, OR satisfactory performance on an approved second language assessment of proficiency. Demonstrated proficiency in American Sign Language meets this second language admission requirement.

Course and Elective Information
Lower-division courses taken at the community college may not meet the requirements of an upper-division course with a similar title and content offered by an Oregon University System Computer Science School/Program. In such cases, the courses in question will normally transfer as electives.

The AS/OT-CS degree may include up to 12 approved professional-technical credits as electives.

Courses that are developmental in nature, designed to prepare students for college transfer courses, are not applicable to this degree.

Advising Guide Page
Courses listed on the advising guide page apply to meet university specific lower division general ed, computer science, and math requirements. These *may* also used to meet the total credit and elective requirements of the ASOT-CS. This is a resource guide for student planning information, however, students should contact an undergraduate advisor at the target university for assistance meeting current university specific lower division CS requirements.