

<b>ASSOCIATE IN PHYSICS EDUCATION – AS-T (AS-Transfer Degree for future secondary physics teachers)</b>	<b>Template for articulation degree in Secondary Education For PHYSICS</b>
I. Be issued only to students who have earned a cumulative grade point average of at least 2.00, as calculated by the degree awarding institution.	Specific grade requirements vary from course to course and among transfer institutions. Students need to check with transfer advisors.
II. Be based on 90 quarter hours of transferable credit.	
<b>A. Basic Requirements</b> <b>1. <u>Communication Skills (5 credits)</u></b> 5 quarter credits in college level composition course.	5 quarter credits English composition
<b>2. <u>Mathematics (10 credits)</u></b> Two courses at or above introductory calculus level.	10 credits calculus (for majors)
<b>B. Distribution Requirements</b>	
<b>2. <u>Humanities / Fine Arts / English and Social Science-(15 credits)</u></b> 15 credits of humanities and social science with at least five credits taken from each. Three different subjects required. No more than 5 credits of performance classes are allowed.	5 quarter credits Introductory Speech 5 quarter credits General Psychology  Recommended: Multicultural education?
<b>4. <u>Specific Pre-major requirements</u></b> i. Physics (calculus-based or non-calculus based sequence including laboratory (15 quarter credits) ii. Chemistry with laboratory (5 credits) required for Engineering majors. Others should select 5 credits of science based on advising. iii. Computer programming (4 quarter credits) credit course chosen with the help of an advisor based on the requirements of the specific discipline at the baccalaureate institution the student plans to attend. iv. Third quarter calculus or approved statistics course: 5 quarter credits chosen with the help of an advisor based on the requirements of the specific discipline at the baccalaureate institution the student plans to attend.	15 quarter credits Physics (calculus-based) 10 quarter credits General Chemistry  10 credits 3 <sup>rd</sup> and 4 <sup>th</sup> quarter calculus 5 quarter credits Linear Algebra 5 quarter credits Differential Equations  4 quarter credits of Computer Programming required for AS-T but not for teacher certification

<p><b>C. Remaining Credits (31 quarter credits)</b>  The remaining 31 quarter credits should be planned with the help of an advisor based on the requirements of the specific discipline at the baccalaureate institution the student selects to attend. For Engineering disciplines, these credits should include a design component consistent with ABET accreditation standards.</p>	<p>5 additional quarter credits English composition  + 1 credit selected from this area within the AS-T</p>
<p><b>Notes</b></p> <ol style="list-style-type: none"> <li>1. Students completing this Associate of Science will receive the same priority consideration for admission to the baccalaureate institution as they would for completing the direct transfer associate's degree and will be given junior status by the receiving institution.</li> <li>2. Courses in Humanities/Social Science (2 above) must come from the current ICRC distribution list in order to count as General Education or General University Requirements (GERs/GURs) at the receiving institution. Additional general educational 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.</li> <li>3. Students should be advised that some baccalaureate institutions require physics with calculus to meet 4/i above</li> <li>4. A maximum of five (5) quarter credits of "gray area" courses will be accepted in the remaining credits category (C above).</li> <li>5. Students are responsible for checking specific major requirements of baccalaureate institutions in the year prior to transferring.</li> </ol>	<p style="text-align: center;">Gray Area  Field Experience/Intro to Education  5 credits or other means of meeting this competency</p>