

**Revised AS-T Track 2
Summer 2008
Effective Fall 2009**

**ASSOCIATE OF SCIENCE TRANSFER DEGREE # 2
ENGINEERING, COMPUTER SCIENCE, PHYSICS, AND ATMOSPHERIC SCIENCES**

Original Agreement Approved by HECB Spring 2000 - Effective Fall 2000. Revised Agreement Approved by HECB Fall 2008 – Effective Fall 2009.

The Associate of Science Transfer (AS-T) Degree #2 is designed to prepare students for upper division study in the areas of engineering, computer science, physics, and atmospheric science. Completing the AS-T degree will prepare students for upper division study; it does not guarantee students admission to the major. In order to prepare students for upper division study, the Associate of Science Transfer Degree #2 should possess the following characteristics:

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.

II. Be based on a minimum of 90 quarter hours of transferable credit distributed as follows:

A. Communication Skills (minimum 5 credits) Minimum 5 quarter credits in college-level composition course.

B. Mathematics (10 credits) Two courses (10 quarter credits) required at or above introductory calculus level. (See also D4 below.)

C. Humanities and Social Science (minimum 15 credits) Minimum 5 credits in Humanities; and Minimum 5 credits in Social Science; and An additional 5 credits in either Humanities or Social Science for a total of 15 credits.

- Courses taken at the community college to meet the Humanities and Social Sciences requirements in the AS-T will be accepted toward those requirements and counted as GERs/GURs by the receiving institution – see note 7

D. Pre-major Program (25 credits)

- Physics (calculus-based or non-calculus-based) sequence including laboratory (15 credits) (see note 3).
- Chemistry with laboratory required for Engineering majors (5 credits). Other majors should select 5 credits of science based on advising.
- Third quarter calculus or approved statistics 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 (5 credits).

E. Remaining Credits (35 credits) - The remaining 35 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.

NOTES:

1. Students completing this Associate of Science Transfer degree will receive the same priority consideration for admission to the baccalaureate institution as they would for completing the DTA associate degree and will be given junior status by the receiving institution.

2. Courses taken under D. above must come from the current ICRC distribution list (Appendix B of the ICRC handbook) 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.

3. Students should be advised that some baccalaureate institutions require physics with calculus to meet D.1.

4. A maximum of five (5) credits of restricted elective courses (Appendix C of the ICRC Handbook) will be accepted in the remaining credits category (E. above).

5. Students are responsible for checking specific major requirements of baccalaureate institutions in the year prior to transferring.

6. Sequences should not be broken up between institutions (e.g., the typical three-quarter physics sequence should be taken entirely at one institution).

7. AS-T transfer students will have taken approximately the same number of GERs as their new peers took during their first two years at the baccalaureate institution, and will be expected to complete the institution's GERs on the same basis as students who started there as freshmen, thus providing comparable experience for freshman-entry and transfer students. All courses approved as GERs by the community college will be accepted as GERs by the baccalaureate institution.

- Institutions that automatically match transfer courses to comparable in-house courses will initially assign GER designations automatically.
- If this designation is different than that assigned by the community college, students who believe that the community college designation would be more beneficial may petition the baccalaureate institution to have the designation assigned consistent with the community college designation.
- If there is no baccalaureate match for a community college GER course, the baccalaureate institution will assign it to the same GER area as the sending community college.
- Baccalaureate institutions may, if they do so with their freshman-entry students, disallow a specific GER when a student selects that discipline as the major. [GERs are intended to assure a breadth of academic experience, so courses supporting the in-depth learning of the major may not be used for this purpose.]