

California Community Colleges are now offering Associate Degrees for Transfer (ADT's) to the CSU. These may include Associate in Arts (AA-T) or Associate in Science (AS-T) degrees. These degrees are designed to provide a clear pathway to a CSU major and baccalaureate degree. California Community College students who are awarded an AA-T or AS-T degree are guaranteed admission with junior standing somewhere in the CSU system and given priority admission consideration to their local CSU campus or to a program that is deemed similar to their community college major. This priority does not guarantee admission to specific majors or campuses. Students who have been awarded an AA-T or AS-T are able to complete their remaining requirements for the 120-unit baccalaureate degree within 60 semester or 90 quarter units. To view the most current list of Riverside City College Associate Degrees for Transfer and to find out which CSU campuses accept each degree, please go to: [www.calstate.edu/transfer/adt-search/search.shtml](http://www.calstate.edu/transfer/adt-search/search.shtml). Students are encouraged to meet with a Riverside City College counselor to review their options for transfer and to develop an educational plan that best meets their goals and needs.

**2020 - 2021**  
**PHYSICS**  
**(CSUGE) AS638**  
**(IGETC) AS640**

**Associate in Science in Physics for Transfer Degree**

The Associate in Science in Physics for Transfer degree provides a foundation in physics and mathematics for students planning to transfer into a baccalaureate program in Physics. Successful completion of the transfer degree in Physics guarantees student acceptance to a local California State University to pursue a baccalaureate degree in Physics.

**Program Learning Outcomes**

Upon successful completion of this program, student should be able to:

- Apply appropriate physical laws and mathematical techniques to analyze various physical situations.
- Perform various scientific experiments and to analyze data to check agreement with theoretical predictions.

Required Courses (28 units)	Units
PHY-4A*    Mechanics	4
PHY-4B*    Electricity and Magnetism	4
PHY-4C*    Heat, Light, and Waves	4
PHY-4D*    Modern Physics	4
MAT-1A*    Calculus I	4
MAT-1B*    Calculus II	4
MAT-1C*    Calculus III	4

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC pattern; please confer with a counselor.

**Associate in Science for Transfer Degree**  
The Associate in Science in Physics for Transfer degree will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. All courses in the major must be completed with a grade of "C" or better.