

## Associate Degree for Transfer Graduation Requirements

(1) Complete all department requirements with a “C” or better or Pass in each course. Candidates for an Associate Degree are also required to complete at least 20% of the department requirements through SBCC; (2) Complete the IGETC-CSU pattern; (3) Complete a total of 60 CSU transferable semester units; (4) Maintain a minimum cumulative CSU transferable GPA of 2.0; and (5) Candidates for an Associate Degree are required to complete 15 units through SBCC.

### Department Requirements (Total Department Units: 29)

<i>Current Course No.</i>	<i>C-ID Number</i>	<i>Previous Course No.</i>	<i>Title</i>	<i>Units</i>	<i>Institution &amp; Course No.</i>	<i>Grade</i>	<i>Units (s/q)</i>	<i>Term</i>
• MATH 150*	... (C-ID MATH 210)	(25)	Calculus with Analytic Geometry I	5.0	_____			
• MATH 160*	... (C-ID MATH 220)	(26)	Calculus with Analytic Geometry II	5.0	_____			
• MATH 200*	... (C-ID MATH 230)	(27)	Multivariable Calculus	4.0	_____			
• PHYS 121*	... (C-ID PHYS 205)	(21)	Mechanics of Solids and Fluids	5.0	_____			
• PHYS 122*	... (C-ID PHYS 210)	(22)	Electricity and Magnetism	5.0	_____			
• PHYS 123*	... (C-ID PHYS 215)	(23)	Heat, Light and Modern Physics	5.0	_____			

\*These courses fulfill an IGETC requirement. Visit [www.assist.org](http://www.assist.org) or <http://articulation.sbcc.edu> for a complete list of IGETC requirements.

### Additional Program Information

For further information, contact the Counseling Center, 965-0581, Ext. 2285, or Michael Young, Department Chair, 965-0581, Ext. 2697.

SBCC AA-T/AS-T Degree Graduation Requirements Worksheet (Must complete I, II, III and IV below)



# Physics for Transfer

## 2016-17

I. IGETC-CSU** (Institution & Course Number) – Minimum 37 semester units	Grade	Units (s/q)	Term
1A. English Composition			
1B. Critical Thinking-English Composition			
1C. Oral Communication			
2A. Mathematics			
3A. Arts			
3B. Humanities			
4. Social Sciences			
5A/L. Physical Sciences			
5B/L. Biological Sciences			

\*\*For specific course, unit and grade requirements see the IGETC Requirements, visit <http://www.assist.org> or <http://articulation.sbcc.edu>.

**II. Unit and Grade Point Average Requirements:** 60 CSU transferable units and a minimum cumulative CSU transferable GPA of 2.0.

	Total CSU Transferable Semester Units Attempted	Total CSU Transferable Semester Units Completed	CSU Grade Points	CSU GPA
SBCC				
Transfer				
Total				

**III. Residency Requirements:** 1) 15 units completed through SBCC?  Yes  No  
 2) 20% of Department Requirements completed through SBCC?  Yes  No

**IV. Department Requirements:** Refer to the other side of this document for a list of required courses. Were all department requirements completed with a “C “ or higher in each course?  Yes  No

Waivers/Substitutions: \_\_\_\_\_

Counselor Comments: \_\_\_\_\_

Student's name: \_\_\_\_\_ Student ID: K\_\_\_\_\_

Counselor's Name: \_\_\_\_\_ Code: \_\_\_\_\_ Date: \_\_\_\_\_

### Associate in Science in Physics for Transfer Degree

The Physics department strives to provide our students with the educational background necessary to pursue a successful career and to successfully transition into a 4-year academic program. Physics is the foundation discipline which must be incorporated into the education of anyone preparing for a career in engineering, or science. It is equally true for the non-scientist having the responsibility to make meaningful decisions in society—the citizen in politics, the business person or social scientist who deals with problems of a society strongly linked to technology based on application of physical principles. A truly educated person preparing for life in the 21st century can hardly afford not to be aware of the statements of contemporary physics.

The Associate in Science in Physics for Transfer degree (AS-T in Physics) will provide the foundational knowledge in Physics to students who want to earn a Baccalaureate Degree in Physics. This degree is in compliance with the Student Transfer Achievement Reform Act {Senate Bill 1440, now codified in California Education Code sections 66746-66749} and guarantees admission to a California State University (CSU) campus for any community college student who completes an “associate degree for transfer,” a newly established variation of the associate degrees traditionally offered at a California community college. Upon completion of the transfer associate degree, the student is eligible for transfer with junior standing into the California State University (CSU) system. Students will be given priority consideration when applying to a particular program that is similar to the student’s community college area of emphasis.

NOTE: Program first offered Spring 2014

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