Associate in Science in Physics for Transfer Degree:

Program Description:
The Associate in Science in Physics for Transfer Degree is intended for students who plan to complete a bachelor's degree in Physics or a related major in the California State University (CSU) system. It is accepted by some but not all CSU campuses. Students who complete this degree and transfer to a participating CSU campus will be required to complete no more than 60 units after transfer to earn a bachelor's degree. It may not be appropriate preparation for students transferring to a CSU campus that does not accept the degree. Students who plan to complete this degree should consult a counselor for additional information about participating CSU campuses as well as university admission, degree and transfer requirements. It is recommended to take additional courses prior to transfer that may be articulated prep for the major to the transfer CSU.

It is strongly recommended that students consult with a counselor to determine which general education option is most appropriate for their individual educational goals.

Note: It is recommended that students intending to transfer to San Diego State University (SDSU) BS in Physics, General Physics or BS in Physics, Modern Optics should complete the courses marked with a "#". Students intending to transfer into this major at other CSUs should consult a counselor and visit www.assist.org for guidance on appropriate coursework.

*Course also fulfills general education requirements for the CSU GE or IGETC pattern.

This course fulfills SDSU's lower division preparation for the major in BS in Physics, General Physics or the BS in Physics, Modern Optics, under the TMC.

General Education: In addition to the courses listed above, students must complete one of the following general education options:

- The IGETC pattern (page 110) is accepted by all CSU campuses and most UC campuses and majors. It is also accepted by some private/independent or out of state universities.
- The CSU GE pattern (page 118) is accepted by all CSU campuses and some private/independent or out of state universities. It is not accepted by the UC system.

Electives as needed to meet maximum of 60 CSU-transferable units required for the degree.

Career Options:
Careers related to this field typically require education beyond the associate degree level and some may require a graduate degree.

Courses Required for the Major:		Units
PHYS 195	Mechanics *#	5
PHYS 196	Electricity and Magnetism *#	5
PHYS 197	Waves, Optics and Modern Physics *#	5
MATH 150	Calculus with Analytic Geometry I *#	5
MATH 151	Calculus with Analytic Geometry II *#	4
MATH 252	Calculus with Analytic Geometry III *#	4
		Total Units = 28