DIVISION OF MATHEMATICS, SCIENCES, AND ENGINEERING

PHYSICS UC TRANSFER PATHWAY

ASSOCIATE IN SCIENCE DEGREE

The Associate in Science in Physics for UC Transfer Degree is intended for Rio Hondo College students planning to transfer to the University of California (UC) system as physics majors. Along with completing the degree requirements, students must comply with the following in order to be guaranteed admission* to a UC campus participating in the Transfer Admission Guarantee (TAG) program:

1. Complete all of the physics major preparation coursework as outlined in this degree with a "C" grade or better in each course.
2. Complete the California General Education Transfer Curriculum (Cal-GETC) requirements with the deferment of two courses in Area 3 (Arts and Humanities) and two courses in Area 4 (Social and Behavioral Sciences) of Cal-GETC. These deferred courses are to be completed at the UC after transfer.
3. Complete a TAG application to a participating UC campus by the deadline set by the UC system.
4. Complete the individual TAG requirements for said UC campus by the deadlines set by the UC system.
5. Maintain or exceed the GPA requirements as outlined in the TAG agreement the student has made at said UC campus for their completed and remaining coursework before transfer.**
6. Complete their application for admission to said UC campus by the deadline set by the UC system.

Students are *highly encouraged* to work with a Rio Hondo College STEM Counselor for assistance in completion of this degree. *Please note that receiving this degree alone *does not* guarantee admission to the UC system. A student may submit a TAG application to only one UC campus. **A student may still be awarded this degree by meeting the local GPA requirements at Rio Hondo College.

Required Courses	Units	N	IP	C
Required Physics Courses				
PHY 211 *Physics for Scientists & Engineers I	**4**			
PHY 212 *Physics for Scientists & Engineers II	**4**			
PHY 213 *Physics for Scientists & Engineers III	**4**			
Required Chemistry Courses				
CHEM 130 *General Chemistry	**5**			
CHEM 140 *General Chemistry	**5**			
Required Mathematics Courses				
MATH 190/H *Calculus I/*Honors	**4**			
MATH 191 *Calculus II	**4**			
MATH 250 *Calculus III	**4**			
MATH 251 *Linear Algebra and Differential Equations OR	**5**			
MATH 260 *and* *Linear Algebra	**4**			
MATH 270 *Differential Equations	**4**			
Required Subtotal	**39-42**			
Cal-GETC Pattern with deferment of 2 courses in Area 3 and 2 courses in Area 4	**varies**			
*Prerequisite/Corequisite				