ADT Submission Form for Physics CCC Major or Area of Emphasis: Physics

**TOP Code:** 190200

**CSU Major(s):** Physics; Physics Education

**Total Units:** 24 *(all units are minimum semester units)*

Form # 2005 Rev. 3: 09/01/14

In the four columns to the right under the **College Program Requirements**, enter the college’s course identifier, title and the number of units comparable to the course indicated for the form. If the course may be double-counted with Cal-GETC, enter the GE Area to which the course is articulated. To review the GE Areas and associated unit requirements, please go to Chancellor’s Office Academic Affairs page, RESOURCE section located at:

[https://www.cccco.edu/About-Us/Chancellors-Office/Divisions/Educational-Services-and-Support/What-we-do/Curriculum-and-](https://www.cccco.edu/About-Us/Chancellors-Office/Divisions/Educational-Services-and-Support/What-we-do/Curriculum-and-Instruction-Unit/Templates-For-Approved-Transfer-Model-Curriculum) [Instruction-Unit/Templates-For-Approved-Transfer-Model-Curriculum](https://www.cccco.edu/About-Us/Chancellors-Office/Divisions/Educational-Services-and-Support/What-we-do/Curriculum-and-Instruction-Unit/Templates-For-Approved-Transfer-Model-Curriculum) or the ASSIST website: <https://www.assist.org/>.

The units indicated in the template are the **minimum** semester units required for the prescribed course or list. All courses must be CSU transferable. ***All courses with an identified C-ID Descriptor must be submitted to C-ID prior to submission of the Associate Degree for Transfer (ADT) proposal to the Chancellor’s Office.***

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| **Associate in Science in Physics for Transfer Degree College Name: LOS ANGELES PIERCE COLLEGE** |
| **TRANSFER MODEL CURRICULUM (TMC)** | **COLLEGE PROGRAM REQUIREMENTS** |
| **Course Title (units)** | **C-ID****Descriptor** | **Course ID** | **Course Title** | **Units** | **Cal-GETC** |
| **REQUIRED CORE:** (24 units) |  |  |
| Calculus-Based Physics for Scientists and Engineers: ABC (12) | PHYS 200S |  |  |  |  |
| **OR** |  |
| Calculus-Based Physics for Scientists and Engineers: A (4)Calculus-Based Physics for Scientists and Engineers: B (4)Calculus-Based Physics for Scientists and Engineers: C (4) | PHYS 205PHYS 210PHYS 215 | PHYSICS 101PHYSICS 102PHYSICS 103 | Physics for Engineers and Scientists IPhysics for Engineers and Scientists IIPhysics for Engineers and Scientists III | 555 | 5A & 5C5A & 5C5A & 5C |
| **Select 1 of 2 options****Option 1:** (12 units) |  |

Form # 2005 1 Form Date: 05/23/11

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| **TRANSFER MODEL CURRICULUM (TMC)** | **COLLEGE PROGRAM REQUIREMENTS** |
| **Course Title (units)** | **C-ID****Descriptor** | **Course ID** | **Course Title** | **Units** | **Cal-GETC** |
| Single Variable Calculus Sequence (8) ***and*** Multivariable Calculus (4)**OR**Single Variable Calculus I – Early Transcendentals (4) ***and***Single Variable Calculus II – Early Transcendentals (4) ***and*** Multivariable Calculus (4)**OR**Single Variable Calculus I – Late Transcendentals (4) ***and***Single Variable Calculus II – Late Transcendentals (4) ***and*** Multivariable Calculus (4) | MATH 900SMATH 230MATH 210MATH 220MATH 230MATH 211MATH 221MATH 230 | MATH 261ANDMATH 262ANDMATH 263 | Calculus ICalculus IICalculus III | 555 | 2A2A |
| **Total Units for the Major:** | **24** | **Total Units for the Major:** | 30 |  |

|  |  |
| --- | --- |
| **TRANSFER MODEL CURRICULUM (TMC)** | **COLLEGE PROGRAM REQUIREMENTS** |
| **Course Title (units)** | **C-ID****Descriptor** | **Course ID** | **Course Title** | **Units** |  |
|  | **Total Units that may be double-counted (*The transfer GE Area limits must not be exceeded)*** | 7 |
|  **General Education (Cal-GETC) Units**  |  **34** |
|  **Elective Units** | 3 |
| **Total Degree Units (maximum)** | **60** |