



Cisco College & Angelo State University A.S. to B.S. Physics Crosswalk



Cisco College & Angelo State University Transfer Plan for Associate of Science in Physics (A.S.) Bachelor of Science in Physics (B.S.)

*The A.S. in Physics degree is only offered on the Cisco-Abilene Campus.

Core Curriculum taken at CC (43 hours)	CC Course	ASU Course Equivalent
Communication 010 (6 hours)	ENGL 1301 ENGL 1302	ENGL 1301 ENGL 1302
Mathematics 020 (4 hours)	MATH 2413	MATH 2413
Life and Physical Sciences 030 (8 hours)	PHYS 2425 PHYS 2426	PHYS 2325/2125 PHYS 2326/2126
Language, Philosophy, and Culture 040 (3 hours)	Any ENGL 23XX, SPAN 2311, or Any PHIL*	Language, Philosophy & Culture 040 Course
Creative Arts 050 (3 hours)	Any ARTS, DRAM 1310 or 2366, HUMA 1315, or MUSI 1306*	Creative Arts 050 Course
History 060 (6 hours)	HIST 1301 HIST 1302	HIST 1301 HIST 1302
Government/Political Science 070 (6 hours)	GOVT 2305 GOVT 2306	POLS 2305 POLS 2306
Social and Behavioral Sciences 080 (3 hours)	AGRI 2317, any ECON, and HIST 23XX, any PSYC, any SOCI*	Social and Behavioral Science 080 Course
Component Area B 090 (4 hours)	CHEM 1411	CHEM 1311/1111
Remaining A.S. in Physics Requirements (21 hours)	CC Course	ASU Course Equivalent
3 hours	COSC 1336 ¹	CS 1336
4 hours	MATH 2414	MATH 2414
4 hours	PHYS 1403	PHYS 1303/1103 (Astronomy Minor) ⁴
4 hours	MATH 2415 ²	MATH CENA
3 hours	EDUC 1300 ³	USTD NENA
3 hours	MATH elective	Elective course

Total CC hours: 64

Notes for CTC Coursework

*See core curriculum course options.

¹COSC 1336 will transfer as ASU's CS 1336 and is approved to substitute ASU's CS 1314 for the purpose of this agreement with the Department of Physics and Geosciences.

²MATH 2415 will transfer as ASU's MATH CENA and is approved to substitute ASU's MATH 3415 for the purpose of this agreement with the Department of Physics and Geoscience.

³EDUC 1300 will transfer as ASU's USTD NENA and is approved to substitute ASU's GS 1181 (Freshman Seminar Course-ASU course requirement) for the purpose of this agreement with the Department of Physics and Geosciences.

⁴If a student pursues a minor in Astronomy, PHYS 1303/1103 will count toward that minor. Should a student choose not to earn the minor in Astronomy, this course will count toward the elective hours at ASU.



Cisco College & Angelo State University A.S. to B.S. Physics Crosswalk



Upon transferring to ASU, you will meet with an academic advisor to review a personalized degree plan.	
Remaining Core Curriculum taken at ASU (3 hours)	ASU Course
Component Area A 091 (3 hours)	COMM 1315
Remaining B.S. in Physics Requirements (56 hours)	ASU Course
3 hours	Physics (advanced)* PHYS 3331 or PHYS 3341
2 hours	PHYS 3252
3 hours	Physics (advanced)* PHYS 3332 or PHYS 4363
3 hours	PHYS 3310
3 hours	ENGL 3351
3 hours	Physics (advanced)*
3 hours	Physics (advanced)*
2 hours	PHYS 3251
3 hours	Physics (advanced)*
3 hours	PHYS 3361
3 hours	PHYS 3301
3 hours	MATH 3301, 3307, 3335
1 hour	PHYS 1191, 3170 (Astronomy Minor) ⁵ , 4071, 4091, 4191
4 hours	BIOL, GEOL, HSP with Labs
4 hours	BIOL, GEOL, HSP with Labs
4 hours	PHYS 1304/1104 (Astronomy Minor) or elective ⁶
3 hours	PHYS 2371 (Astronomy Minor) or elective ⁶
3 hours	PHYS 3371 (Astronomy Minor) or Physics (advanced)* ⁶
3 hours	GEOL 4303 or PHYS 3331 (Astronomy Minor) or elective ⁶
Total ASU hours: 59	
Total B.S. in Physics Degree hours: 123	
Notes for ASU Coursework	
<p>*Physics (advanced) as specified on the degree program.</p> <p>⁵Students pursuing a minor in Astronomy will want to complete PHYS 3170 to apply toward the minor. Should a student choose not to earn the minor in Astronomy, students can select any course listed here.</p> <p>⁶Students can earn a minor in Astronomy by completing these remaining courses at ASU, students will have already taken two of the courses needed for the minor at CC. Should a student choose not to earn the minor in Astronomy, upon transfer to ASU, students can take the specified elective courses in place of the courses needed to fulfill the Astronomy Minor.</p>	

Please note: this crosswalk is for students to utilize as a reference of what courses they can take at each institution. It's possible for there to be changes to course offerings and degree plans, therefore it is encouraged for students to meet with their academic advisor at both institutions to discuss current course options and sequence of courses.