A physics minor is 18 units of physics which must include 6 units of upper division physics or astrophysics courses taken at San José State University with a "C" (2.0) average or better.

Courses Required for Minor:

- PHYS 50, 51, and 52 (or equivalent)
- Six units of upper division physics (approved by Physics advisor)

Suggested courses (and upper division prerequisites):

- ASTR 117A,B  Astrophysics I, II
- ASTR 155  Topics in Modern Astronomy and Astrophysics (*Astr 117A, ASTR 117B*)
- PHYS 105A  Advanced Mechanics (*Math 133A*)
- PHYS 105B  Advanced Mechanics (*Phys 105A*)
- PHYS 110A  Electricity Magnetism (*Math 133A, Phys 130*)
- PHYS 110B  Electricity Magnetism (*Phys 110A*)
- PHYS 120A  Laboratory Electronics for Scientists
- PHYS 122  Modern Physics
- PHYS 158  Modern Optics
- PHYS 160  Thermodynamics & Statistical Physics
- PHYS 163  Quantum Mechanics (*Math 133A, Phys 122, Phys 130*)

Suggested combinations:

\[
122 + 158 \quad 120A + 158 \quad 105A + 105B \\
122 + 163 \quad 120A + 122 \quad 117A + 117B
\]

*Science & Engineering Majors:* Most Science & Engineering majors can get a Physics Minor with only 6 units of upper division physics or astrophysics courses beyond the Physics 50 series major requirement!

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