Criterion 6: Faculty Qualifications

- Curriculum taught jointly by faculty in physics (16) and engineering (CHME:10, MAE:17, ECE:20).
- 16 physics faculty (15 FTE), all with Ph.D.s in physics or related fields. 10 tenured, 4 TT, 2 non-tenured.
- Faculty credentials are verified under HLC guidelines.
- Several faculty recognized nationally (fellowships). Serve on NMSU-wide committees (faculty senate, senior searches).
- Experienced instructional lab manager with MS in Physics.
- Insufficient faculty strength: Many lower-division courses (7 in AY 18/19) taught by graduate instructors with an MS. Allowed, but not desirable. Sufficient support for all required courses.
- PFF mentoring fellowships for graduate instructors.
- **Obsolete**: Some Faculty tables from engineering.

Criterion 6: Faculty Workload

- Tenured/TT workload: Typically 3 courses/year.
- Higher workload for tenured faculty with weak research programs or without graduate students. (4-5 courses/year).
- Reductions for service (grad/undergrad program head).
- Reductions with research buy-outs, especially bridged appointments with national labs.
- Non-tenured workload: 4 courses/year (half-time).
- Most faculty present strong evidence of student learning.
- Annual performance evaluations.
- Post-tenure review, disciplinary actions are possible.
- All required courses offered regularly (once a year or more).
- Individual student advising by physics faculty each semester.
- Faculty mentor students organizations (SPS, SEPh).

Criterion 6: Professional Development & Authority

- Sabbaticals for tenured faculty after six years (one semester at full pay, or two semesters for 60% pay).
- Weekly colloquium,
- Conferences supported by research grants, A&S College, APS/AAPT/AIP, or by department for non-tenured faculty.
- Two advisory boards as resources for faculty.
- Faculty in control of curriculum and assessment (department, college, university-wide). Strong Faculty Senate with physics representatives.
- General education driven at the NM state level.
- Almost all faculty participate in ABET-related activities.
- Engineering physics committee (with ENG representatives).