

**Graduate Council Meeting  
Noon, September 16, 2002  
SUB Quiet Lounge**

**Revised Agenda**

1. Approval of minutes for the 1/25/02 meeting
2. Announcements
  - a. NM AGEP Convention @ UNM - 9/19 thru 9/21/02
  - b. NM AGEP 2002-03 Fellows
  - c. "Block Grants"
  - d. Default Graduate Advisors for New Students
  - e. Engineering Management - update (Anselmo)
  - f. other
3. Reports
  - a. other
4. Old Business
  - a. Proprietary Graduate Research
  - b. Online (NDLTD) Dissertations - reconstitution of committee
  - c. other
5. New Business
  - a. Revised Registration Policy for Externally Sponsored Research Assistantships (see Attachment A)
  - b. Credential evaluation for Indian students
  - c. Catalog Changes (see Attachment A)
    - i. Mineral Engineering
    - ii. Engineering Management
    - iii. Mathematics
6. Student Questions/Concerns (Herrin)
7. Adjournment

**Attachment A**  
**to the**  
**Graduate Council Meeting of September 16, 2002**

**Item 5.a.**

**Registration Policy for Externally  
Sponsored Research Assistantships**

New Mexico Tech, the Internal Revenue Service, and the Immigration and Naturalization Service, have rules that apply to graduate students who wish to engage in paid research activities sponsored by external agencies and industry as part of their degree programs. Sponsoring agencies and companies are strongly encouraged to provide tuition support (~~waivers~~) for graduate students engaged in research. This support may be part of the regular stipend for services rendered. The following practices will be observed for graduate students engaged in externally sponsored research assistantships.

**Definitions** (all terms except the new terms ‘Off-campus graduate student’, and ‘On-campus graduate student’ conform to established usage in the Tech catalog):

- *Off-campus graduate student* – a graduate student who **is not** on campus on a regular daily or weekly basis to attend classes or to meet with faculty;
- *On-campus graduate student* – a graduate student who is attending classes or engaged in regular meetings on the New Mexico Tech campus with Tech faculty members;
- *Part-time appointments* – work-related responsibilities of 20 or fewer hours per week;
- *Full-time appointments* – work-related responsibilities of more than 20 hours per week;
- *Reduced registration* – registration for 6 credits (**3 credits in summer**) by an *off-campus graduate student* or for 3 credits during a graduate student's final qualifying semester;
- *Part-time registration* - a graduate student registered for 8 or fewer credit hours during a regular (fall or spring) semester or less than 6 credit hours in the summer;
- *Full-time registration* – a graduate student registered for 9 or more hours during the regular (fall or spring) semester or for 6 or more credit hours in the summer.

**Qualifying Students** – Graduate students who are required to conduct research with external entities (corporations, national labs; usually *off-campus*) and who will be paid for their activities come under this policy.

**Policy for Off-campus Students:**

- *Full-time appointments* require *reduced registration*.
- Registration for *part-time appointments* may range from *reduced registration* to *full-time registration*. The exact number of credit hours will be determined by the research credit hour needs of the student and the tuition support available.

**Policy for On-campus Students:**

- *Part-time appointments* for graduate students who are on-campus require a *full-time registration* of 12 credit hours.
- *Full-time appointments* for regular (*full-time registration*) graduate students who are *on-campus* are not permitted. Students who were regarded as *part-time* (registered) graduate students for at least one semester immediately prior to appointment to an externally sponsored research assistantship may qualify for *full-time appointments*. During the period of the *full-time appointment*, these students must continue their *part-time* (registration) status.

Adopted:

**Item 5.c.i.**

Catalog changes for **Mineral Engineering:**

Remove the following courses (these courses haven't been offered for many years and the faculty who taught them before has retired and is gone):

ME 513, Optimization in Mineral Engineering  
ME 516, Topics in Coal Technology  
ME 570, Ventilation Network Analysis  
ME 572, Fire Control Engineering  
ME 530, Foundation Design and Analysis (we already have another advanced course in foundation design)

Add the following course:

ME 571, Advanced topics in Mineral Engineering, 2-3 credits

**Item 5.c.ii.**

Catalog changes for **Engineering Management:**

The effect of proposed changes will be to substitute an applied statistics course taken at UNM for the Math 585 course currently listed as a requirement of the NMT Masters degree in Engineering Management.

**Item 5.c.iii.**

Catalog changes for **Mathematics** (from page 91 of the 2002-2003 catalog):

**Master of Science in Mathematics with Operations Research and Statistics Option**

An interdisciplinary program in operations research and statistics is available at the graduate level within the various departments at New Mexico Tech. To specialize in this area, the student must fulfill the requirements for the undergraduate program in mathematics and complete MATH 415, 483, and one of either MATH 486 or MATH 488, or the equivalent.

Graduate work would consist of:

1. A minimum of twelve credit hours from MATH 517, 518, 582, 583, 584, 586, 587, 589, and 529; and ME 513. At least one course (three credit hours) must be chosen from MATH 517 or 518.
2. Additional courses subject to the approval of the student's advisor to complete the requirements of the Graduate School. Related courses include ES 316; MGT 462, 472, 473; MATH 384, 386, 410, 411, 484, 505, and 521; and ME 513.