Thursday, Oct. 19

**Cramer Hall Ribbon Unwrapping:** beginning 10 a.m. Ribbon unwrapping for the newly re-modeled and expanded Cramer Hall. Food, tours, prizes. Details at http://infohost.nmt.edu/mainpage/news/2006/11oct03.html

**Career Services Events:** Interviews at various locations in Fidel Center all day. USDOE National Nuclear Security Administration, Halliburton, and BJ Services. For more information, contact Career Services at 835-5780.

**Geoscience Seminar:** 4 p.m., MSEC 101. Carolina Lithgow-Bertelloni of the Univ. of Michigan speaks on "Geodynamics." Sponsored by Earth and Environmental Science Dept. and NM Bureau of Geology and Mineral Resources.

**Programming with Python:** 4 p.m., Weir 128. Today: "Introduction to objects"

**Chemistry Seminar:** 4:30 p.m., Jones Annex 101. Melanie Waltman, Department of Chemistry, New Mexico Tech, speaks on "Ion-mobility Spectrometry of Explosives."

**Intro to XML:** 5:30 p.m., MSEC 187. Today: "XSLT III: sorting, searching, and extensions"

**49ers Comedy Night at Macey:** 8 p.m., Macey Center. Comedian Eddie Ifft. For other 49ers events, see http://infohost.nmt.edu/mainpage/events/49erssched.html

**Swing Dance:** 8 to 10 p.m., SAC. Sponsored by New Mexico Tech Ballroom Dance Club. Not limited to swing dancing. If you want a special song or style please bring a CD for us to play. Open to everyone; includes short lesson, if requested.

Friday, Oct. 20

**Academic Holiday:** Offices open, but classes not in session.

**49ers Celebration:** A celebration of New Mexico Tech/ School of Mines' mining heritage. For student events, see
For alumni events, see http://infohost.nmt.edu/mainpage/events/49ers2006.html

4th Annual 49ers Golf Rush Golf Scramble: Tech Golf Course. Registration 10-11 a.m., lunch 11 a.m., tee-off begins at noon. NMT students wanted to play golf FREE! Appetizers and awards following the tournament. Two-person teams. $49/person. For information contact Karen Balch at kmbalch@nmt.edu or (505) 835-5412.

NRAO Colloquium: 11 a.m., AOC. Tommy Wiklind, Space Telescope Science Institute, speaks on "Massive And Evolved Galaxies At z>5: Should They Really Be There?"


Saturday, Oct. 21

49ers Celebration: A celebration of New Mexico Tech/ School of Mines' mining heritage. For student events, see http://infohost.nmt.edu/mainpage/events/49erssched.html. For alumni events, see http://infohost.nmt.edu/mainpage/events/49ers2006.html

49ers Parade: 11 a.m., California St. "It's all about 49ers." Line up at 10 a.m. at Sedillo Park. Trophies will be given for best float, vehicle, band, horse/burro entry, and New Mexico Tech entry. Also Grand Prize. Entry form at http://infohost.nmt.edu/mainpage/events/2006parade.pdf


Sunday, Oct. 22

Paint the M/M-Mountain Run: begins 9 a.m. An old School of Mines tradition! TWENTY Prizes of $50 to the first TWENTY students or teams of students to reach the top of M Mountain with a bag of lime. Hamburgers and soft drinks at top of mountain. Sign up in advance at Brown 200 or call 835-5646.

Monday, Oct. 23

Mechanical Engineering Seminar: 11 a.m., MSEC 101. Dr. Osman Inal speaks on "Energy and the Environment."

Thesis Defense: 4 p.m., MSEC 105. Sandeep Arya, graduate student in Mineral Engineering with a specialty in explosive engineering, defends "Comparison of
Blasting Performance Using Detonating Cord, Non-Electric Delay and Electronic Delay Detonator Systems." All are invited to attend.

**Tuesday, Oct. 24**

**LANL Undergraduate Student Program:** 3 p.m., Fidel Quiet Lounge (near computer room). Barbara Grimes of Los Alamos National Lab will discuss summer, part-time, and full-time appointments for undergraduate students. Appointments are available for 90-day summer internships with the option to continue working part-time during the academic year. For more information call 505-667-4866

**Wednesday, Oct. 25**

**Materials Seminar:** 2 p.m., Jones 106. Dr. Daniel H. Doughty of Sandia National Laboratories speaks on "Battery Technology Development for Hybrid Electric Vehicles."

**Intro to XML:** 4 p.m., MSEC 187. Today: "Reading and writing XML from programs"

**Chemistry Seminar:** 4:30 p.m., Jones Annex 101. Steven Brock, Department of Chemistry, New Mexico Tech, speaks on "How to Find a Needle in a Haystack: An Introduction to Bioassay-Guided Fractionation."

**Programming with Python:** 5:30 p.m., Weir 128. Today: "Object example; special methods"

**Thursday, Oct. 26**

**Opening Ceremony for MRO:** 1 p.m., Magdalena Ridge. Official opening ceremony for Magdalena Ridge Observatory.

**Geoscience Seminar:** 4 p.m., MSEC 101. Paul Kapp, Univ. of Arizona speaks on "Tibet tectonics." Sponsored by Earth and Environmental Science Dept. and NM Bureau of Geology and Mineral Resources.

**Programming with Python:** 4 p.m., Weir 128. Today: "Object example; special methods"

**Chemistry Seminar:** 4:30 p.m., Jones Annex 101. Dr. Nikolai Kalugin, Dept. of Chemistry, "Probing Nanotube-Based Ambipolar Field Effect Transistors by Magnetic Field."

**Intro to XML:** 5:30 p.m., MSEC 187. Today: "Reading and writing XML from
programs"

Swing Dance: 8 to 10 p.m., SAC. Sponsored by New Mexico Tech Ballroom Dance Club. Not limited to swing dancing. If you want a special song or style please bring a CD for us to play. Open to everyone; includes short lesson, if requested.

Friday, Oct. 27


NRAO Colloquium: 11 a.m., AOC. David Whysong, NRAO, speaks on "Obscured Quasars in 3CR FR-II Radio Galaxies...Performing AGN Statistics of a Higher Moral Character"

Geoscience Seminar: 3 p.m., MSEC 101. H.A.R. de Bruin Wageningen University Research Centre speaks on "Long path scintillometry: a review." Sponsored by Earth and Environmental Science Dept. and NM Bureau of Geology and Mineral Resources.


Halloween Bazaar: 6 - 10 p.m., SAC. Come fundraise for your Club! Tables still available. We set up/tear down and you just have to run your fundraiser. Sponsored by Desert Willows and Mountain Springs Apartments. Jr. High and High School clubs welcome to participate. Contact: 835-6056, 432-349-5576

Saturday, Oct. 28

FE Exam: arrive by 7:15, exam begins at 8 a.m., East Gym. Fundamentals of Engineering exam.


Soccer Tournament: Tucson. Tech Miners participate in regional tournament.


Presidents' Dance: 8 to 11 p.m., Macey Center. Annual semi-formal dance sponsored by Presidents' Hall. Theme: "Golden Dynasty." Single $3; couple $5.
Tickets available from RA's or Residential Life Office.

**Sunday, Oct. 29**

**Fall Back:** set clocks back one hour.

**Soccer Tournament:** Tucson. Tech Miners participate in regional tournament.

*For events further in the future, see the New Mexico Tech Calendar, [http://infohost.nmt.edu/mainpage/calendar/mastercal.html](http://infohost.nmt.edu/mainpage/calendar/mastercal.html)*

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**SCOPE Notices**

**NEWS:**


--NMT Undergraduate Team Secures $10,000 EPA Grant, [http://infohost.nmt.edu/mainpage/news/2006/13oct01.html](http://infohost.nmt.edu/mainpage/news/2006/13oct01.html)


**49ERS EVENTS:**

--4th Annual 49ers Gold Rush Golf Scramble: Tech Golf Course. Two-person teams. $49/person. NMT students PLAY FREE - contact Karen Balch for details. **DEADLINE TO REGISTER: Oct. 18.** To register, please visit SPE website. For information call (505) 835-5412.

- Sign in 10-11 a.m., Tech Golf Shop
- Lunch 11 a.m., sponsored by Welltec and PathFinder
- Tee-off begins at noon
- Appetizers and awards following the tournament.

--Be part of a classic Tech tradition! **M Mountain Run**, 9 a.m., Sunday, Oct. 22. TWENTY $50 prizes for the first 20 students or teams of students to reach the top of the mountain with a 50-lb bag of lime. Hamburgers and soft drinks
provided at top of mountain. Sign up at Brown Hall 200 by noon, Friday, Oct. 20,

--Join the **49ers Parade** on Saturday, Oct. 21. Entries are invited in the areas of floats, vehicles, bands, horses and burros, and New Mexico Tech. Awards will be given to the top three entries in each category, and a Grand Award will be given to Best Entry. Theme is "It's all about 49ers." Line-up at 10 a.m.; parade at 11 a.m. Sign-up form at http://infohost.nmt.edu/mainpage/events/2006parade.pdf.

**ATTN: PRINCIPAL INVESTIGATORS**

--NMIMT recently negotiated provisional indirect cost rates for FY 06/07 with the Office of Naval Research. Effective immediately, the following rates should be used on proposals submitted and funded in FY06/07.

**College Rates** - Sponsored Research Activities

- On-Campus 29.8%
- Off-Campus 11.1%

**College Rates** - Other Sponsored Activities

- On-Campus 27.5%
- Off-Campus 9.7%

**EMRTC IERA) Rates** - Sponsored Research Activities

- On-Campus 32.6%
- Off-Campus 8.4%

**EMRTC (IERA) Rates** - Other Sponsored Activities

- On-Campus 13.5%
- Off-Campus 11.5%

**EMRTC Facility Support Rate:** 22.6%

Projects awarded under prior proposed rates may be adjusted in accordance with OMB Circular A-21, Section G.7. These will be reviewed on an individual basis.

The rates can also be found at http://infoserve.nmt.edu/rfunds/onr_overhead_rate_agreement.htm. Questions may be directed to the Restricted Funds Department at 835-5800.

**ANNUAL CHRISTMAS ARTS & CRAFTS SHOW:**
--Desert Willows and Mountain Springs Apartments will hold their annual Christmas Arts & Crafts show on Dec. 1 and 2, from 8 a.m. till after the performance of A CHRISTMAS CAROL is over. Tables are $25/day (Includes meals for 2 people, $7/extra meals)

If you are interested in getting a table or need information, please contact Jennifer Macias, CS 2733;

SIGN UP FOR BILLIARDS TOURNAMENT:

--A sign-up sheet for the NMT qualifier to the regional ACUI 9-ball tournament is posted in the Gameroom, Fidel Center. Sponsored by Billy-Aards Club. The tournament starts on November 11; entry deadline is November 7 at 6 p.m. More information on that tournament is also available at http://www.nmt.edu/~billiard/tournaments/index.html, or in the Fidel game room.

INTERNATIONAL FLAGS:

--The international flags flying in front of Fidel Center represent various countries whose students attend New Mexico Tech. Flags flying from Oct. 9 - 22 represent Myanmar/Burma, Morocco, Nepal, Netherlands, Nigeria, and Norway. Flags flying from Oct. 23 through Nov. 5 represent Peru, Philippines, Poland, Russia, Saudi Arabia, and Senegal.

--The United States and New Mexico flags fly daily in front of Brown Hall.

PAYDIRT DEADLINES:

- Oct. 22 for Oct. 27 issue
- Oct. 31, for Nov. 7 issue
- Nov. 13 for Nov. 21 issue
- Nov. 27 for Dec. 4 issue

REGISTRAR’S OFFICE (FIDEL SECOND FLOOR:)

Important Academic Dates:

Friday, Oct. 20: **49ers Celebration. Academic Holiday**

Tuesday, Oct. 31: **Grade Option Deadline** Last day to choose audit, S/U, or withdrawal with a W on your transcript
Nov. 23 and 24: **Thanksgiving break**


Saturday, Dec. 9: **Finals begin** Schedule at [http://infohost.nmt.edu/mainpage/registration/finals2006.pdf](http://infohost.nmt.edu/mainpage/registration/finals2006.pdf)

Thurs., Dec. 14: **Last day of finals**

Friday, Dec. 15: **End of Semester**: Residence Halls close

Tuesday, Jan. 2: **Tech offices re-open**: 8 a.m.

Monday, Jan. 15: **Orientation**

Tuesday, Jan. 16: **Classes begin**

Friday, Feb. 2: **Registration Closes**: Last day to add classes. Last day to drop classes without being charged full tuition for the class and receiving a "W" on your transcript

**GRADUATING SENIORS:**

- If you plan to graduate in December 2006, you must file an "Intent to Graduate" form with the Registrar's Office, Fidel 2nd floor.
- Please check your name and degree on the list [http://infohost.nmt.edu/mainpage/commencement/c2007/dec2006grads.pdf](http://infohost.nmt.edu/mainpage/commencement/c2007/dec2006grads.pdf). This represents how your information will be printed on your diploma. If you wish to make changes, please notify the Registrar's Office

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**JOB OPENINGS AT TECH:**

Full descriptions of job openings are available at Job Openings, [http://externalweb.nmt.edu/hr/](http://externalweb.nmt.edu/hr/). New Mexico Tech is an Equal Opportunity/Affirmative Action Institution.

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**SCOPE is a twice-weekly newsletter for the New Mexico Tech community,**
provided as a service by the Office for Advancement.