[REMINDER: Registration for Spring 2006 starts on Nov. 28. Hard copies of the class schedule are available at the Registrar's Office, Brown 100. The schedule is also available through BanWeb.

In order to register, you must have a student account balance of ZERO.]

**NOV. 21 - DEC. 2, 2005**

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

**Monday, Nov. 21**

**Mechanical Engineering Seminar:** 2 p.m., Weir 202. Mr. Regor L. Saulsberry, PE, NASA-JSC will speak on the "Shuttle Return to Flight NDE." All are invited.

**Dissertation Defense:** 1 p.m., Tripp Room, Skeen Library. Jianyun Xu, graduate student in computer science, defends "Behavior Mining Based Anomaly Detection for Online Security Enhancement."

**Thesis Defense:** 3 p.m., Workman 101. Zeljka Fuchs, PhD graduate student in physics, defends "Large-Scale Modes of the Tropical Atmosphere"

**YWCA Toy and Resource Library:** 3 to 5 p.m., Tech Children's Center. Parents may borrow toys, books, cd's and other resources for parents and caregivers for FREE!

**Hydrology Seminar:** 3:30 p.m., MSEC 103. Roseanna Neupauer, Univ. of Colorado, speaks on "Investigation of Aquifer Heterogeneity using Wavelet Analysis."

**Humanities Guest Lecture:** 3:30 p.m., Tripp Room, Skeen Library. Clint Lanier from New Mexico State University, (formerly of IBM), speaks on "Towards the rhetoric of programming: Investigations into the social-rhetorical aspects of source-code comments." All invited.

**ACM Workshops:** 5 and 6 p.m., MSEC 101. The student Association for Computing Machinery will hold workshops in "IPTables: writing a secure Linux firewall" and followed by "Automating Tasks with Bash Scripting."

**Movie Night:** 7 p.m., Workman 101. A comedy about the pursuit of the American Dream. Presented by International and Exchange Programs and Student Affairs. First 50 people to arrive will receive a special gift.

**Tuesday, Nov. 22**

Student Association Meeting: 8:30 p.m., Workman 109. Open to all students.

Wednesday, Nov. 23

Chemistry Seminar: noon, Jones Annex 101. Max Zeigler speaks on "Fluxes of Volatile Organic Matter in and out of Soil." Robin Lee speaks on "Binding energies of explosives and various anions with relevance to detection by IMS."

Programming with Python: 4 p.m., Weir 128. TCC free class. Today: "Database access."

Thursday, Nov. 24

Thanksgiving Holiday: Tech offices closed. Classes not in session.

Friday, Nov. 25

Thanksgiving Holiday: Tech offices closed. Classes not in session.

Saturday, Nov. 26

Socorro Balloon Rally: all day. Also features Annual Posole Cook-off. For information, see http://www.socorro-nm.com/Balloons.htm

Candy Cane Electric Light Parade: after dark, California Street.

Sunday, Nov. 27

Babes in Toyland: 3 p.m., Macey Center. [NOTE TIME! THIS IS A MATINEE!] Fantasy and reality are interwoven in a land where toys walk, talk, and sing. Troupe America delights the whole family. Tickets: $16 adults, $14 seniors, $12 youth. Part of Performing Arts Series.

Monday, Nov. 28

Registration for Spring 2006: Graduate students and Tech Scholars may register on Banweb at https://banweb.nmt.edu
**Biology Seminar:** 4 p.m., Jones Annex 101. Dr. Katherine Handley, New Mexico State University, speaks.

**IEEE Meeting:** 7 p.m., Jones Annex 101. Tech's local student branch of the Institute for Electrical and Electronics Engineers (IEEE) will be having a meeting with a guest speaker. The topic will be RF/Microwave Design. Come check it out!

**Tuesday, Nov. 29**

**Registration for Spring 2006:** Seniors may register on Banweb at [https://banweb.nmt.edu](https://banweb.nmt.edu)

**Board of Regents Meeting:** 1:30 p.m., Albuquerque Country Club, 601 Laguna, SW, Albuquerque. Legal and personnel matters to be considered in Executive Session.

**Wednesday, Nov. 30**

**Registration for Spring 2006:** Juniors may register on Banweb at [https://banweb.nmt.edu](https://banweb.nmt.edu)

**Chemistry Seminar:** noon, Jones Annex 101. Khoi Nguyen of New Mexico Tech speaks on "Surface-enhanced Raman spectroscopy." Gordon Rueff speaks on "Randomness and Thermalization in the Physical and Chemical Sciences."

**Programming with Python:** 4 p.m., Weir 128. TCC free class. Today: "Database access."

**Career Services Workshop:** 5 to 6 p.m., Tripp Room, Skeen Library. "Resumes, CVs, and Cover Letters."

**Thursday, Dec. 1**

**Registration for Spring 2006:** Sophomores may register on Banweb at [https://banweb.nmt.edu](https://banweb.nmt.edu)

**Geoscience Seminar:** 4 p.m., MSEC 101. Bayani Cardenas of New Mexico Tech speaks on "Dynamics of fluids, solutes, and thermal energy along sediment-water interfaces with bedforms." Sponsored by Department of Earth & Environmental Science and New Mexico Bureau of Geology & Mineral Resources.

**Programming with Python:** 5:30 p.m., Speare 116. TCC free class. Today: "Tkinter graphical user interface, part II"
**Madrigal Feast:** 7 p.m., Macey stage. Enjoy a night of musical and culinary revelry, featuring the NMT Chamber Choir in period costume singing Renaissance madrigals and part songs. FREE to first 125 NMT students; pick up tickets at Tech Bookstore.

**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, Dec. 2**

**Registration for Spring 2006:** Freshmen and special students may register on Banweb at [https://banweb.nmt.edu](https://banweb.nmt.edu)

**Arts and Crafts Show:** starts 8 a.m., Macey Center. Local vendors bring you arts & crafts for sale, just in time for Christmas! Brought to you by Desert Willow. (Vendors, to sell at this fair, please contact Jennifer, 432-349-5576)

**NRAO Colloquium:** 11 a.m., AOC. Speaker: Eric Keto, CfA.


**Friday, Dec. 2**

**Registration for Spring 2006:** Freshmen and special students may register on Banweb at [https://banweb.nmt.edu](https://banweb.nmt.edu)

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**NRAO Colloquium:** 11 a.m., AOC. Speaker: Eric Keto, CfA.


**Tech Club/Club Macey Madrigal Feast:** begins 6 p.m., Macey stage. Enjoy a night of musical and culinary revelry, featuring the NMT Chamber Choir in period costume singing Renaissance madrigals and part songs. For members of Club
Macey and those over 21. Dinner features roast turkey, hot spiced wine, and trimmings. Tickets are $15 for TCCM members; $17, non-members. For tickets, call Roz at 835-5050

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

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**SCOPE Notices**

**NEW ON THE WEB:**

--We are sorry to report that NMT student Alex Randolph died in a motorcycle accident near Datil on Nov. 14. Information on services will be posted when it becomes available. http://infohost.nmt.edu/mainpage/news/2005/15nov01.html

**VISTAS DE NAVIDAD:**

--AAUW's (American Association of University Women) annual Visitas de Navidad Home Tour will be held on Sunday December 4 from 2 to 5 p.m. Tickets cost $6 each with proceeds going to scholarships for NM Tech women each spring and Socorro High School senior girls. Tickets can be purchased at Socorro Office Supply, Brownbilt, or from any AAUW member. Tickets also will be sold at all the homes during the tour. Besides viewing the homes, visitors are provided with refreshments and music.

--The home is an expression of the people who live there and this years homes are no exception. The homes offered are a variety from newly remolded, to historical, to art and music, to a seven-loom home. The houses may be viewed in any order.

**CARPOOL SOUGHT:**

--Tech's new director of Affirmative Action, Elias Hernandez, is seeking fellow carpoolers from Albuquerque to Socorro, 8 a.m. to 5 p.m., Monday through Friday. Please contact him at 835-5645 or -5165.

**TECH CHRISTMAS PARTY:**

--Mark your calendars! The Tech Christmas party is scheduled for Thursday, Dec. 22, 4 to 7 p.m., in Macey Center. All Tech staff and families invited.

--GINGERBREAD HOUSE CONTEST: to be judged at the Tech Christmas Party.
For details and rules, see http://infohost.nmt.edu/mainpage/events/gbh2.pdf

SHORT COURSE IN HYDROLOGY OFFERED:

--A short course called "Time Series Analysis for Hydrological Applications" (CRN 27676) will be offered from Jan. 9 to 13, 2006, at New Mexico Tech. Instructors are Prof. Salvatore Grimaldi of the Università degli Studi della Tuscia and Prof. Enrique R. Vivoni of New Mexico Tech. This is a graduate course (also open to seniors) that will be offered through EES for 1 credit. It will be of primary interest to hydrology, environmental engineering and earth science students. Prerequisite is "Consent of instructor." (11/28)

--REMEMBER: Registration for Spring Semester starts on Monday, Nov. 28.

DECEMBER 2005 GRADS:

--The list of Dec. 2005 graduates has been updated as of Nov. 15. It is at http://infohost.nmt.edu/mainpage/commencement/c2006/dec2005grads.pdf. Please check your name, degree, and minor (if any) as this information will appear on your diploma as presented here. If your name does not appear here and you have turned in an Intent to Graduate, please contact Lisa in the Office of the Registrar at 835-5134. If you intend to graduate in December and have not turned in an Intent to Graduate form, do so immediately.

PAYDIRT DEADLINES:

• Issue#8 - December 2

FACILITIES MANAGEMENT CONSTRUCTION UPDATE:

--Updated on Nov. 11, 2005. Thanks to Glenda Chavez of Facilities Management for providing this information.

ORANGE BARRIERS: Facilities Management requests that everyone be aware of the orange safety barriers on campus. The orange barriers have been placed for the purpose of personal safety and protection. Please be aware that many areas have been barricaded with orange mesh, caution tape, barrels, or cones.

Emergency hot water loop project: first phase will be complete by 11/30/05. Parking along Campus Drive will be closed until that date.

Hail Damage Repair Schedule: Following are the anticipated starting dates for roof construction.

MSEC, 11/28/2005
Gym Addition, 11/2/2005
Macey Center foam roof -- start, 10/10/05; end, 11/04/05
Skeen Library, 11/01/05
Altamirano 11/2/05
Research Office Building, start: 10/17/05
Martin Speare, 11/30/05
Jones Hall, start 11/2/05

Date Pending:
South Hall

Chiller Plant Addition:

The Chiller Plant establishes additional operational chilled water lines throughout the campus. Estimated completion: November 2005.

Magdalena Ridge Observatory

- 3-Phase electrical upgrade to Langmuir facility from Magdalena
- Road Maintenance and upgrade - the road is maintained to provide continued drivability and safe conditions. Maintenance is performed continually.
- Utility Trench Construction
- Single Telescope Building Construction

Cramer Hall Renovation:

Existing and new building is being framed, mechanical/electrical near completion at new addition, decking complete at 2nd floor, duct work, window framing, and stair installed. Estimated finish date: 6/11/06.

Fidel Student Services Center: Expected finish date TBA

REGISTRAR’S OFFICE (BROWN 100:)

Important Academic Dates:

Thursday, Nov. 24 and Friday, Nov. 25: Thanksgiving Academic and Staff Holidays


Friday, Dec. 9: Last day of classes
Saturday, Dec. 10: **Finals begin**

Thursday, Dec. 15: **Last day of finals**

Friday, Dec. 16: **End of semester**

Tuesday, Jan. 3: **Tech offices re-open**: 8 a.m.

Monday, Jan. 16: **Orientation**

Tuesday, Jan. 17: **Classes begin**

Friday, Feb. 3: **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

Wednesday, March 8: **Midsemester**

March 11 - 19: **Spring Break**

Friday, April 14: **Academic and Staff Holiday**

Friday, May 5: **Last Day of Classes**

Saturday, May 6: **Finals begin**

Thursday, May 11: **End of finals**

May 12 and 13: **Golden Reunion, Class of 1956, Silver Reunion, Class of 1981**

Saturday, May 13: **Commencement**

--The final exam schedule for December 2005 was most recently updated on Nov. 11. It is posted at http://infohost.nmt.edu/mainpage/registration/finals2005.pdf. If you have a conflict, see your professor(s) to make alternate arrangements.

--Questions concerning academic policies, degrees, grades, etc. are welcome at our office. Come by and see us at Brown Hall, room 100.

**JOB OPENINGS AT TECH:**

Full descriptions of job openings are available at Job Openings, http://externalweb.nmt.edu/hr/. New Mexico Tech is an Equal
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