

Σ SUM TIMES

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Have You Been to the MLRC Lately?

The Mathematics Learning and Resource Center (MLRC) is a great place to go for a tutor, study, meet as a group, get access to mathematical computing resources, or kick back and relax! Is there anything that you can't do at the MLRC? I don't think so! Walk-in tutorial service is available in the afternoon and evening sessions. The MLRC has a computer lab featuring 13 workstations, all equipped with Villanova mathematics course software, such as Maple, Minitab, SAS, and Excel. Don't forget to check out the Math Lounge for quiet study or relaxation!

MLRC and Math Lounge

Where: Old Falvey, 2nd Floor
(near the Writing Center)

Hours: Sunday 6:30 – 9:00 p.m.
Monday – Thursday 1:00 – 5:00 p.m.
and 6:30 – 9:00 p.m.

Phone: 519-MLRC

Voicemail: 519-5193

Web Address: www.villanova.edu/mlrc

Spring Semester Dates to Remember

February 27	Midterm
February 28	Semester Recess
March 8	Classes Resume
March 19	Registration begins for Fall 2004
March 31	Last Day for Authorized Withdrawal without academic Penalty
April 7	Easter Recess begins after last class
April 13	Classes Resume
April 17	Candidate's Day
April 27	Follow a Friday Class Schedule
April 28	Follow a Monday Class Schedule
April 29	Final Day of Classes
April 30	Reading Day
May 1-7	Final Exams
May 15-16	Baccalaureate and Commencement

ATTENTION: If you'd like to submit an article to the SUM times or have an idea or question for the Math Department, please contact the Math Office at **610-519-4850** or **math@villanova.edu**

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Problem: Fill each white square with a number from 1 to 7 so that the 8 numbers surrounding a shaded box will sum to the shaded number. Completed correctly, no row or column will contain the same number twice.

Iron Competition

April 16th at 12:45 pm
In the MLRC
More Details to Come

Math Club

There will be a meeting to discuss your ideas about the math club. This meeting will be an information gathering session.

Date: March 12, 2003

Time: 12:30 – 2:00 pm

Place: MLRC – 2nd floor Falvey

What would you like the math club to become. This is your math club. Please come prepared to discuss your ideas for the club.

Questions: Dr. Lupinacci: SAC 390, x97435 or

Mr. Santomas: SAC 321, x97049

Career Services Experience Network Program

The Career Services office offers eligible students the opportunity to apply for both full-time employment and summer internships. Learn how to make the most of your job search by following these steps:

1. Visit the Career Services homepage at www.careers.villanova.edu and click on the link for “Student’s Shortcut to Experience”
 - or go to http://www.erecruiting.com/er/security/login.jsp?aff_ovrd=372
2. Log in using your ID and password:
 - Juniors/Seniors: ID is “br372_” plus your social security number; Password is the last 4 digits of your SSN. (ex. br372_123456789, Password 6789)
 - Freshman/Sophomores: ID is your VU email, password is the last 4 digits of your SSN

(If you are entering for the first time, you must complete your profile. It is not necessary to upload resumes or cover letters at this time.)

Once in the Experience Network, you can:

- search and apply for jobs and internships
- view employer profiles
- schedule interviews

New Courses for Fall 2004!

- **MAT 5110-100** – *Topics in Geometry* (Dr. Deanin)

Topics selected from affine, hyperbolic, spherical, elliptic, Euclidean or projective geometry.

- Thursday 6:15-8:45

- **Math 5500** – *Topology* (Dr. Sprows)

Topology studies the “essential” shape of geometric figures. For example, a circle has essentially the same shape as a triangle, but the figure eight is not “essentially the same” as the circle (there is a point on the figure eight which when removed leaves two disjoint pieces, no such point exists on the circle). This course will consider such topics as the classification of surfaces and aspects of embedding theory, i.e., the various ways of how one geometric figure can be placed inside another geometric figure. It will be designed to give some of the flavor of one of the most important areas of math. As stated by the renowned mathematician Jean Dieudonne, “It may already be predicted without great likelihood of error that the 20th century will come to be known in the history of mathematics as the century of topology.” (*A Panorama of Pure Mathematics*, 1982).

- Tuesday/Thursday 1:00-2:15

MAT 5700-001 – *Math Statistics I* (Dr. Pigeon)

The 5700-5705 sequence provides an introduction to probability and mathematical statistics. The primary focus is on the mathematical development of the subject rather than on statistical analysis of data. This sequence might be of interest to students who want to use some of that calculus they’ve learned as well as students interested in actuarial science.

- Monday/Wednesday/Friday 9:30-10:20

MAT 5920 - 001 - *Mathematical Epidemiology* (Dr. Fleishman)

The class will explore “the very rich interplay between the ideas of mathematical modeling and the study of disease epidemics.” We will also connect the study with the role of disease in the history of civilizations. Topics include the role of disease in history, dynamics of epidemics, math models, threshold effects equilibrium and stability, just to name a few. Mathematical Prerequisites: an understanding of the derivative, familiarity with differential equations, and algebra. Biological Prerequisites: Not much except a fearlessness about reading and making some sense of non-technical material in a new discipline.

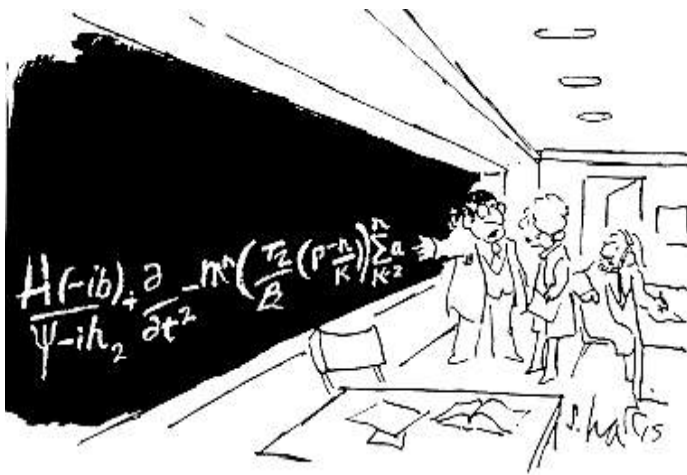
- Tuesday/Thursday 11:30-12:45

MAT 5900-001 – *Unsolved Problems in Number Theory* (Dr. Styer)

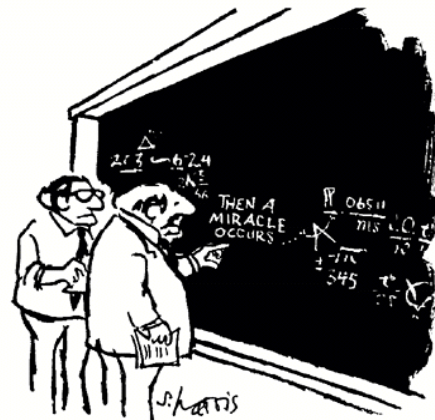
Supervised study of selected topics or problems in mathematics, including student presentations. May be repeated for credit if content is different.

- Monday/Wednesday/Friday 12:30-1:20

Math Humor



"But this is the simplified version for the general public."



"I THINK YOU SHOULD BE MORE EXPLICIT HERE IN STEP TWO."

