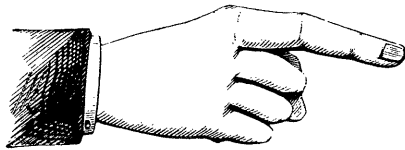


# Guide to IAP

## Keep This Guide

This is a tentative guide to IAP '74, which runs from January 8 through January 31. Information is divided into two main sections - Departments, Centers, and Labs, and Independent, followed by a key-word index. Look up activities you might be interested in by common words, such as flagellation or computers. A calendar and film schedule are included at the end of this guide.



## Requirements for IAP

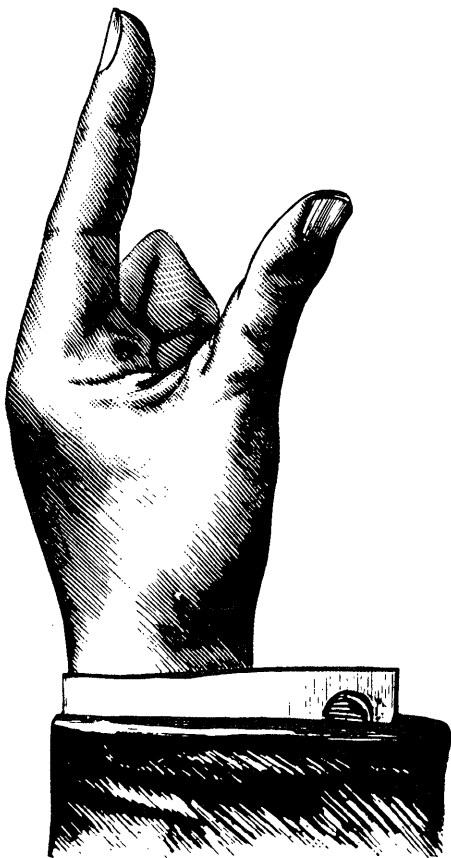
It is desired that students do not remain on campus, although residence in a local apartment, hotel, or fraternity is permissible. In previous years, the Institute has been lax in enforcing this rule, but by thinning out the academic community, it is assumed that students who make the arrangements to remain here will be sufficiently motivated to make the best of this opportunity.

## IAP Policies

There is an IAP Policy Committee, chaired by Professor Tyrone Scheulaices (x3-3806, room 24-109) that you should address about IAP procedures. Later this year, they will report their evaluation of IAP to the faculty. As this is the fourth year of a three-year experiment, a decision will certainly have to be made soon about IAP's future.

## Credits and Grades

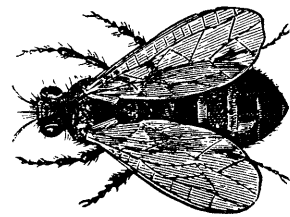
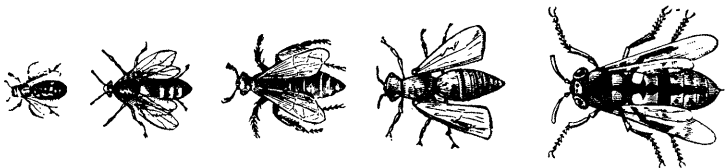
No credit is available for work done over IAP. However, unsatisfactory performance in a January course may result in the withdrawal of credit for your last completed course in the same department. Hence, if you fail 22B - The Physics of Dumping Loads, credit for a completed term of some other Physics course, e.g. 8.03, would be withdrawn. There is one exception to this practice: you may forfeit the sum of \$420 (the equivalent of summer-term tuition) or two courses of your own choice from other departments. If you do want to provide for this option, you must clear it with your advisor beforehand and complete a Request for Clemency Card, available in room 7-102.



**Massachusetts Institute of Technology**



# Departments Centers and Labs



## Mathematics

Coordinator:  
Jim King  
2-169 x3-4388

4  
**Recent Advances in Abstract  
Mathematical Theory**  
Professor Flontly Blint  
2-102 x3-2864

Same as 1.

## Seminars, Mini-Courses and Lectures

5  
**Causative Systems**  
Professor Boontly Flunt  
2-102 x3-2864

A two-week analysis of systems of cause and effect. Among the topics to be covered are: "Taking Urine samples in a Klein Bottle," "Which Came First, the Chicken or the Joke," "Mobius Strips as Toilet Paper" and others.

6  
**Advanced Number Theory**  
Professor Rota  
2-102 x3-2864

Are there numbers? How many?  
What are they, really? Lecture  
every third Thursday in 2-290.

## Exotica

1  
**Calculus 18.02**  
Professor Flintley Blount  
2-102 x3-2864

Our first step in offering a highly individualized and pleasing alternative to the more conventional material covered during the school term. Such rare and exciting functions as "dy/dx" and "e" will be introduced, along with the mysterious theorems of Greene and Stokes. The Fundamental Theorem of Calculus, which you may otherwise never encounter in your math career, will also be discussed.

2  
**Integral and Differential  
Techniques**  
Professor Buntley Floont  
2-102 x3-2864

Same as 1.

3  
**Relevant Topics in  
Combinatorial Analysis**  
Professor Fintley Bunt  
2-102 x3-2864

Same as 1.

## Biology

Coordinator:  
Professor Eugene Bell  
16-820 x3-4712

## Seminars, Mini-Courses and Lectures

7  
**Gall Stones - Are They Worth  
The Wait?**  
Professor J.Y. Lettvin  
10-963 x3-39576

Part 3 of the famous Wonderful World of Guts series. Offered jointly with Foreign Literatures and Linguistics. Enrollment limited to 5.

8  
**What Do You Get When You  
Cross A Parrot With A Bengal  
Tiger?**  
Professor U. Dunno  
16-846 x3-3857

Discussion by arrangement.

9  
**I Don't Know, But When It  
Talks, You Better Listen**  
Professor I. Ansur  
16-284 x3-3974

Tuesday, room 16-402.

10  
**I Am Joe's Turd**  
Professor L.Ron Hubbard  
16-994 x3-5907

An extension of the popular Reader's Digest series. Interview and study time limited by nature of subject.

## Chemistry

Coordinator:  
Professor John W. Irvine, Jr.  
18-388 x3-1802

## How To

11  
**NaOH + Water - A Basic  
Solution Or Just Part of the  
Problem?**  
Professor H. Sciel  
6-395 x3-3123

Lecture, with appropriate displays and hand gestures. Convenient hours.

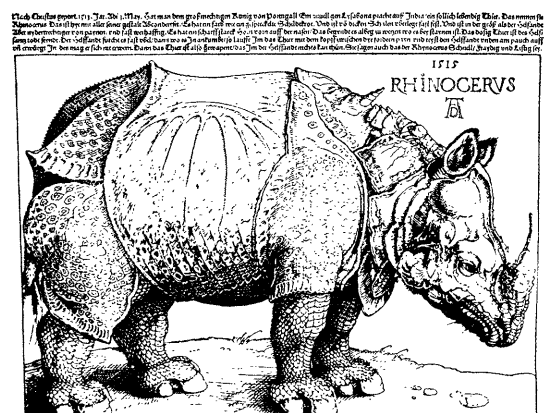
## Metallurgy & Materials Science

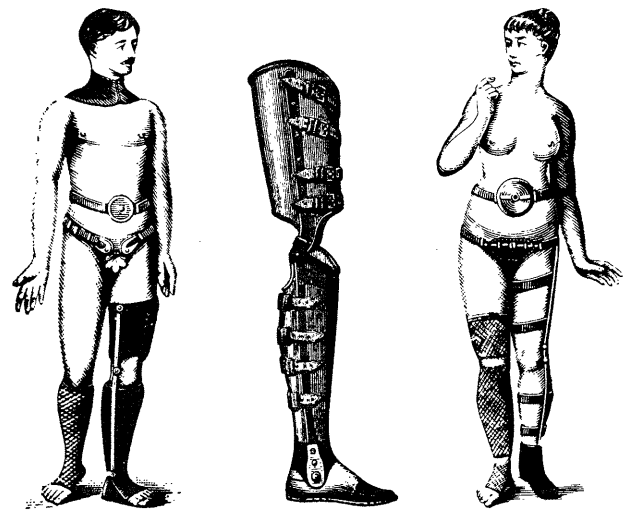
Coordinator:  
Professor Regis M. Pelloux  
8-305 x3-3314

## Seminars, Mini-Courses and Lectures

12  
**Gentlemen Prefer Bronze**  
Professor Hoult  
8-440 x3-9427

Survey of films exploring important new fields in metals research. Includes "Tin Cans - America's Helper," "Aluminum - Every Mother's Friend," and the dismantling of an actual coffee can. Limited.





## Engineering Electrical

Coordinator:  
Professor Joseph Lickliger  
NE43-218A x3-7705

## Laboratories and Workshops

13  
**Can Large-Scale Integrated Circuits Be Implemented Without Bussing?**  
Professor Hü Karez  
20D--\$\$! X+-->(&\*

Interested students should come to NE43-530 on January 8 at 10. Free drinks.

## Individual Study and Research

14  
**Man - Computer Interactions**  
Professor L. Rubin  
8-879 x3-2145

An exploratory course to develop heightened interaction with present digital machines, with an emphasis on hardware. Input-output devices, techniques of putting into core, withdrawal from peripherals, decoupling, and plug devices studied. Go to the D-Lab basement at 2 AM, knock three times quickly and once again. Discretion assured.



## Nuclear Engineering

Coordinator:  
Professor Michael Golay  
NW13-222 x3-5824

## Individual Study and Research

15  
**Thermal Pollution vs Lake & River Life: Will Fusion Replace Fission?**  
Professor Staff  
NW12-979 x3-2468

Offered jointly with the School of Hotel Management.

## Laboratories and Workshops

16  
**Controlling Atomic Piles With Preparation H**  
Professor H. Johnson  
NW13-584 x3-5943

Offered in a sleazy joint by the physics department.

## Seminars, Mini-Courses and Lectures

17  
**Atoms and Your Future In Insurance**  
Professor J.J. Donovan  
1-299 x2-6946

I couldn't think of anything funny for this one, and even if I could, it couldn't top that last one. "Sleazy joint." Heh, heh. Twice Weekly.

## Nutrition & Food Science

Coordinator:  
Professor Charles L. Cooney  
16-229 x3-3108

## Seminars, Mini-Courses and Lectures

18  
**Eat 2 Green Vegetables Every Meal**  
Professor A.P. French  
16-008 x4-59384

A combination of last year's well-received "Veg-A-Matic -Fact or Fancy," "Introduction to Catsup," and the ever-popular "This Is Your Pie." 6 credits. 7 days a week.

## Architecture

Coordinator:  
Professor Tim Johnson  
9-511 x3-5965

## Field Trips

19  
**Theory and History of Field Trips**  
Architecture Department

Three days a week. Interested students will be taken to a local field. \$20 carfare.

## Psychology

Coordinator:  
Eva Maria Ritter  
E10-014 x3-5742

## Laboratories and Workshops

20  
**Cruelty Towards Lab Animals - A Moral Inquiry**  
Professor M. Bormann  
10-928 x3-4058

A chance for the socially-concerned student to observe first-hand the cruel and inhuman mutilation of laboratory test animals. Emphasis is on acid-burning, gashing, and electricly-induced pain. Psychological aspects of such techniques will not be neglected. \$35 lab fee, or \$62 if you want your own monkey.

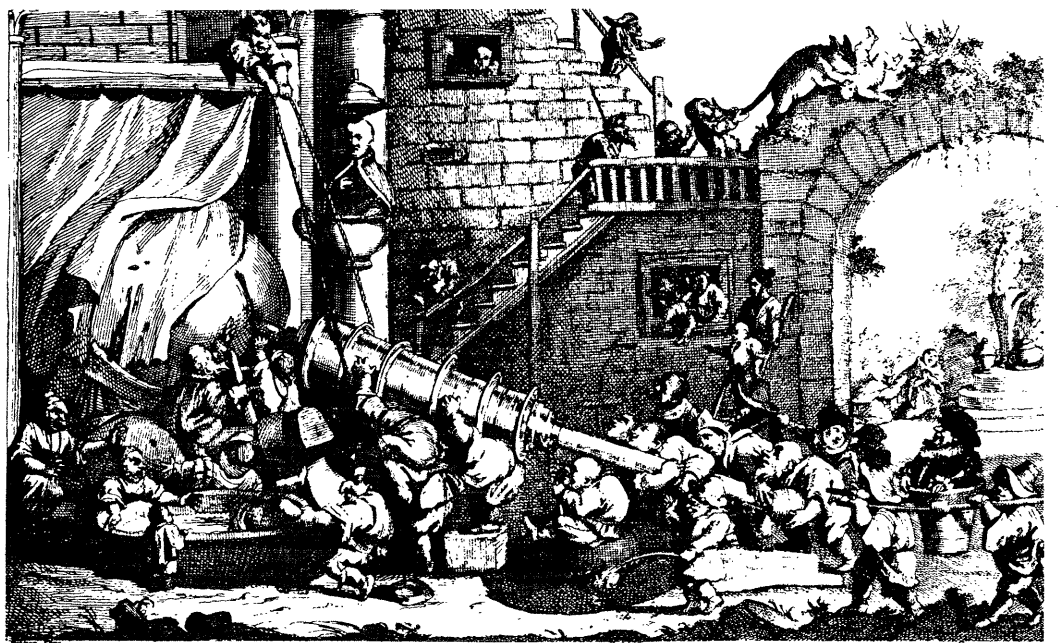
## Seminars, Mini-Courses and Lectures

21  
**Hygene 1: Our Friend The Cunt**  
Professor Rich Boehm  
10-475 x3-5908

The seminar will be primarily physiological. Term will culminate in an impressive multi-media display of poorly xeroxed photographs, sporadic labwork. Lectures delivered Tuesdays at 1 from a red station wagon parked outside of Bexley.

22  
**Cancer of the Larynx - No Laughing Matter**  
Professor Staff  
10-384 x3-6954

Call me if interested.



The Punishment inflicted on General Gulliver by applying a Whoreman pie to his nose, which was the reward of the Royal Palace at, Bixtende which was intended as a punishment to his people for not being a good

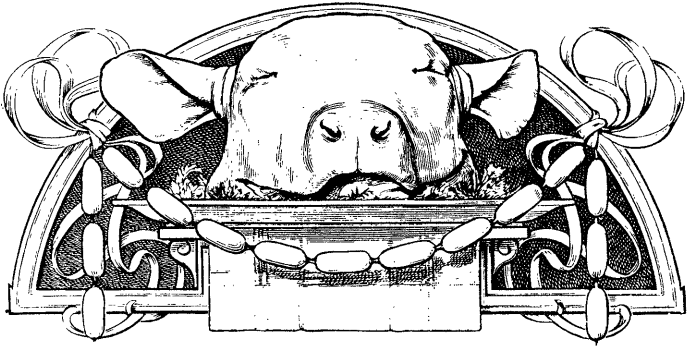
# Humanities

Coordinator:  
Professor Richard M. Douglas  
14N-407 x3-4441

## Exotica

**23**  
**25 Centuries of Civilization:  
Jews, Slopeheads, and Wops**  
Professor Fuh Kyu  
14-487 x3-5049

This will be a rigorous study and evaluation of all the non-white cultures before the discovery of New York. Course will include a definition of national traits, such as grease or shuppling, lacksadaisical manner, and an in-depth analysis of each society's literature and folklore. Meets 2:30 to 2:42 Mondays and Fridays in room 1-002.



## Individual Study and Research

**24**  
**Chelsea: Boston's Melting Pot**  
Professor Wood  
14-9846 x3-9475

A study of black humor in Boston's busiest charred cultural center, including a screening of L. Ron Hubbard's laugh-choked film "Burning Slums - God's Alternative to Birth Control." For details, contact Jon Stafford at New England Life. Nonsmokers only.

## Political Science

Coordinator:  
Professor George Rathjens  
1-207 x3-7282

### How To

**25**  
**Let's Face It**

Professor Y. Knott  
53-385 x3-0584

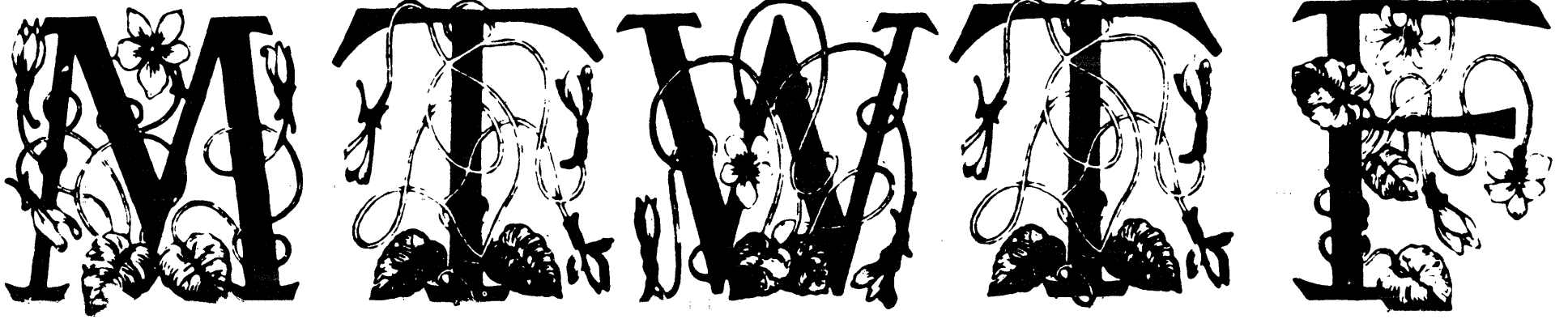
The poli-sci people have enough problems without being berated like this.

**26**  
**We May Be Tasteless, But At Least We're Not Communists**  
Professor Vu Du  
273-584 x3-3958

In case you haven't noticed, things are not quite what they appear. VD grimly reaps its toll, oblivious to all human suffering.

## Independent Offerings

**Doorknobs - Fact or Fancy?**  
Professor J.A. Stratton  
Building 10 Basement



8	9	10	11	12 Community Sing in Kresge
15	16 Film: My Mother the Prune	17	18	19
22 Lecture: The Firebrick - Waterball Theory of Swimming Continents. Prof. Rota	23	24	25 Puxetawny Festival of Lights	26
29	30	31 IAP ends	