



**January Term 1979
Hampshire College
Amherst, Massachusetts 01002**

Registration and Information

JANUARY TERM DATES: Wednesday, January 3 - Tuesday, January 23

REGISTRATION DATES: For Hampshire students, Monday, November 27 - Friday, December 1; for Five-College students, Wednesday, November 29 - Friday, December 1.

REGISTRATION INFORMATION: All students must register for January Term whether or not they plan to take a January course, and whether or not they plan to be on campus.

Registration forms are included with this catalog. Additional forms are available at the Cultural Affairs Office and Central Records. All forms must be returned to the Cultural Affairs Office.

Five-College students may register in person at the Cultural Affairs Office, or by mail (be sure to include address, telephone, student ID number, and second-choice course).

Students in colleges outside the Five-College area are welcome to attend January Term at Hampshire. Student exchanges will be arranged whenever possible, or visiting students are required to pay tuition, room and board.

Local residents are also invited to take a January Term course at Hampshire. Information on tuition can be obtained by calling the Cultural Affairs Office.

CULTURAL AFFAIRS OFFICE: The Office, which handles January Term, is located in Prescott A. Our telephone number is 413-549-4600, ext. 561. We will be open during registration week from 8:30 - 12 and 1 - 4:30 daily.

NOTE: Any course with a very low registration figure may be cancelled at the discretion of the instructor(s) or the Cultural Affairs Office.

CULTURAL AFFAIRS/JANUARY TERM COMMITTEE:

Sally Allen	Lester Mazor
John Cook	Randall McClellan
Dana Davis	Mussy Rodgers
Emily Dillon	Janet Tallman
Irvienne Goldson	Ann Woodhull

Courses

JT100 Basic Skills for Writing, Reading and Studying Debby Bacal

This course will have as its focus the necessities for academic survival. In the area of writing we will deal with such topics as: 1) approach to and organization of research papers, 2) format for critical papers, 3) paragraph structure, 4) basic principles of grammar, and 5) ways to deal with writing anxiety. Topics covered concerning reading and study skills will include: 1) ways to improve concentration, comprehension, and retention, 2) principles of "speed reading", and 3) approaches to studying, e.g. organization of time, reduction of anxiety, etc. We will work as much as possible from students' own material; it may be appropriate to consider beginning work on an exam or paper during this class.

Meets: M through Th, 10:30-12 noon/ Enrollment: 20

JT101 Poetry Writing Workshop Andrew Salkey

This course will emphasize the principle that all our workshop poetry writing should be done primarily for the reception and delight of our own workshop members and with them uppermost in mind. We will pay closest possible critical attention to the prosody and meaning of class manuscripts. We will emphasize the evidence of latent strengths in the work of the poets, and attempt sensitively to analyze their more obvious weaknesses, more often privately than in group sessions. Suggested parallel reading will come from the full range of contemporary writing in verse.

Meets: T, 1:30-3:30 pm/ Enrollment: 10/ Prerequisites: interview and at least three poems during enrollment in my office, Pm 6, E.D.H., T.Th, 10-12:00 noon.

JT102 Reading Poetry: A Course for Non-Poets Francis Smith

Poetry is a way of asking questions of life and proposing answers. Scientists, philosophers, historians and all social scientists ask different questions and validate their guesses by other means. This is primarily a course intended for them - an invitation to an alternative mode of inquiry. We will study a hundred or so poems in English. We will talk together about the poems and the poets and try to understand them. One final critical paper will be required.

Meets: M-F, 10:00 am/ Enrollment: 20

JT103 The Poetry of Paul Eluard Jill Lewis

This course will trace the connection of Paul Eluard with the Dada and Surrealist movements and the French Communist Party, and the implications of political commitment for his relationship to language and work as a writer. This course will involve discussing surrealism; strategies of art and revolutionary engagement; language and the ideological construction of history, politics and sexuality; the inscription of the subject through the act of literature within hegemonic discourses. We will spend a substantial number of sessions working on specific texts of Eluard.

Meets: T,Th, 2-4:30 pm and other evening meetings off campus/
Enrollment: 10/ Prerequisites: French language a great advantage.

JT104 Marxism and Literature Robert Márquez

Designed as an exploration of some of the fundamental concepts of the marxist theory of art, its critical principles and methodological categories, this is a course of close readings and informal discussions of selected texts from the rich canon of some of the more influential among contemporary marxist literary critics. Among those from whose works we will be reading are G. Lukacs, Raymond Williams, and Lucien Goldmann.

Meets: M,F, 9-12 noon/ Enrollment: 16

JT105 The New Yorker — Artists and Writers Louise Farnham

The circulation director of *The New Yorker* says "Every week, another bright, shiny, new issue - packed with laughter, brilliant criticism, superb reporting, poetry and fiction." Those of us who have been *New Yorker* addicts for many years tend to agree. I would like to look more closely at the work of the artists (Ed Koren, Saul Steinberg, Charles Adams, and many others) who have made this a magazine I depend upon for, at the very least, one good laugh a week. The content of the course will depend upon the interests of the participants; the structure will enable each of us to research a particular aspect of the magazine to present to the group.

Meets: W,Th,F, Jan 3, 4 & 5, 1:30-3:30 pm, and two hr meetings starting W, Jan 17 and ending T, Jan 23, same times/ Enrollment: 12



JT106
The Way of Buddha
Carol D'Amato and David Sloss

The emphasis of this course will be on practical application of Buddhist teachings in our own lives. To facilitate this, various meditative techniques will be taught and practiced together. We will draw from the Buddhist philosophical traditions insofar as they are relevant for our personal practice on the path to enlightenment. Our study will include a survey of the historical origins and development of Buddhism. We will meet five days each week. Two days each week will be devoted to the practice of meditation. The other three days will cover philosophy, history and instruction in meditative techniques. Participants will be asked to do a moderate amount of reading, as well as regular meditative practice.

Meets: M-F, 9-10:30 am/ Enrollment: 12 (call instructor if interested)

JT107
Introduction to Plato
Maurice Porter

The course will concentrate on Plato's middle period including: the *Symposium*; the *Phaedrus*; the *Phaedo*; and selections from the *Republic*. If time permits we will also read the *Crito*, the *Meno* and the *Apologia*. The emphasis of this course is on the Platonic process and a short paper on that topic will be requested.

Meets: M,W,F, 10-11:30 am/ Enrollment: 20

JT108
What Would Happen If . . . ?
Kurtiss J. Gordon

One type of science fiction includes stories which explore what the world would be like if one could repeal one of the laws of nature (e.g., the law of averages) or drastically alter the value of one of the constants of nature (e.g., reduce the speed of light to 60 mi/hr). This sort of science fiction provides an excellent vehicle for philosophical speculation (why is the world the way it is?) or speculative social science (e.g., could one draft a meaningful statute of limitations in a world where time travel is possible?). In this course we shall read some science fiction of this genre, and discuss the stories from several viewpoints (the science content, the social comment, the teaching possibilities). Students may write some of their own stories, and will have the opportunity to present them to the class if they wish.

Meets: M-F, 3-5:00 pm/ Enrollment: 20

JT109
Consciousness and the Voices of the Mind
Julian Jaynes

This course will consist of a group of afternoon seminars which will discuss, in a fuller context, the themes developed in Professor Jaynes' evening lectures: The nature of consciousness, the bicameral mind, and the consequences of consciousness. Preregistration for the afternoon seminars is necessary.

Meets: Jan. 3-7, 2-4:00 pm/ Enrollment: 15

JT110
The Gods Have Become Diseases
James Hillman

The emphasis of this seminar will be on the relation of psychopathology to, and its importance for, psychology and mythology. It will center upon an analysis of Hillman's book, *Revisioning Psychology*; students should read Chapters I and II before the seminar begins. Students should also attend his evening lectures on "Fables, Fights, Fancies, Falls: The Archetypal Psychology of the Puer Eternus."

Meets: Jan. 15-17, 10:30-12:30 pm/ Enrollment: 25/ Prerequisites: Reading *Revisioning Psychology*.

JT111
Human Sexuality
Michele Robitaille and Rita Hirsch

This course is intended to provide a basic introduction to the anatomy and physiology of human sexuality; we will also explore the psychological aspects of human sexuality, including decision-making, values clarification and attitude formation. The topics discussed will include: Anatomy and Physiology of the Male and Female Reproductive Systems/ Sexual Health, Family Planning: Contraception/Abortion; Masculinity and Femininity; Roles and Expectations; Homosexuality; Pregnancy and Childbirth; Family Beginnings; Sexual Response Cycle and Common Sexual Problems.

Meets: T, Th, 10:00 am/ Enrollment: 30

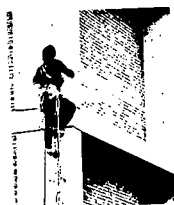




JT112
Decision Making: Models, Theories, Data
and Prescriptions
William J. Wong-McCarthy

The course will consist of theories and experimental findings of cognitive, social and personality psychologists working in the area of decision-making behavior. The decision conflict engendered by most individual and group decision-making elicits at least one of five distinctive patterns of coping behavior. The course will also touch on major research findings concerned with such related topics as: anticipatory regret, threats to freedom of choice, effects of commitment to a decision, and postdecisional conflict. The last fourth of the course will concentrate on various techniques developed by social scientists to improve the quality of consequential decision-making.

Meets: T,W,Th, 2-4:00 pm/ Enrollment: 25



JT113
Variety and Stereotypes in Television
Mark Feinstein and James Miller

Human beings vary from one another in many significant ways: gender, ethnicity, language, socioeconomic class. These variations are rarely neutral. We attach values to being male, speaking a "correct" form of English, not being a foreigner, being rich. In this seminar we will examine how the mass media, especially television, interpret these and other kinds of human variation. We would expect to find differences between actual variations that distinguish people in social life, and the portrayed stereotypes among characters in the artificial world of the mass media. Our focus will be upon the United States.

Meets: Jan. 8-12, 10-12 noon/ Enrollment: 15



JT114
Writing for Radio
Rick Greenberg

A workshop for seven writers who wish to combine their talents in writing a short radio show. Production techniques will be covered, but the emphasis will be on writing. Subject of the show will be determined at a pre January Term workshop meeting.

Meets: M,W,F, 12-4:00 pm/ Enrollment: 7/ Prerequisites: some experience in creative writing.



JT115
Feature Film Production
Mike Haley

A complete analysis of how major motion pictures are made, including: a study of each department from grips to production, what they do, the unions they represent, and the career possibilities in each category. Scripts from movies such as: "The Day of the Dolphin", "Three Days of the Condor", "Kojak", etc., will be analyzed, broken down by students, and put into shooting schedules. Students will learn how to scout locations for films. Unions, casting, distribution and financing of feature films will also be discussed.

Meets: T,Th, 2-4:00 pm/ Enrollment: open/ Prerequisite: open to those students interested in a career in the film industry.

JT116
"Demystifying Hampshire"
Bill Grohmann

An informal seminar, for people trying to figure out what they're doing at Hampshire, what's happening to them, what are some ways to get the most out of being here, whether to stay or not, what a Division II is (was?), why Div I's are hard to begin, etc. Emphasis will be placed on studying the impact of college on students and relationships among curricular requirements, student learning styles, faculty values, and institutional objectives. The intent is to learn enough about colleges and Hampshire in general to gain perspective on one's own situation in particular.

Meets: T,Th, 10:30-12:00 noon/ No limit

JT117
Recent Feminist Theory
Margaret Cerullo

The purpose of this course will be to pursue collectively a careful, critical reading of Nancy Chodorow's *The Reproduction of Mothering*. Background lectures will set this book in the context of recent feminist theory out of which it grows and to which it contributes. We will want to understand the psychoanalytic turn in feminist theory (and then which psychoanalysts different feminists have turned to and what the theoretical implications of those choices are); why so much recent feminist writing has centered on motherhood (Dinnerstein and Rich, et., as well as Chodorow) and what elements we have of a feminist theory of motherhood as well as what work remains to be done; and finally what contribution feminist theory has to make to social theory.

Meets: W, 7-10:00 pm/ Enrollment: 15/ Prerequisites: some background in feminist theory and some familiarity with psychoanalytic theory.

JT118

Excerpts From How Yukong Moved the Mountains, A Film Series by Joris Ivens About Life in the People's Republic of China Jim Koplin

A selection from this series will be shown on three evenings during January (9th, 13th, 19th). Each presentation will be followed by an open discussion in the PPH Lounge. In addition, I will arrange a schedule of office hours before and after each presentation to allow for more detailed discussion of topics of special interest to individual students. There will be two ways to take part in this activity: 1) General. View the films and take part in the discussion afterward, and 2) Major task for the term. View the films plus work out with me a list of appropriate study materials and tutorial hours that will give you a deeper introduction to some part of life in the PRC. If you are considering the latter, please stop by my office to talk over plans in December. Recommended advance reading: Joris Ivens *The Camera and I*.

Meets: TBA/ Enrollment: Open (discussion with instructor as noted above)

JT119

Demystifying Marx Lloyd Hogan

This short course will constitute an exercise in making sense out of an otherwise difficult work. We will concentrate our attention almost exclusively on an intensive reading and critical analysis of the first volume of Karl Marx's *Capital*. Some of the concepts to be considered are the historical basis for the development of commodities as an economic category, money as a special commodity, commodity circulation, the exchange of labor power, the circulation of capital, commodity production, capital accumulation, and the ultimate contradictions of capitalist society. All of these concepts will be related to modern-day examples taken from the American or Western European experiences.

Meets: T, W, 9-12 noon/ Enrollment: 15

JT120

American Indians Ken Hoffman

This seminar is designed for people interested in getting together to explore and discuss American Indian histories and cultures, with particular emphasis on the major issues and options which exist today. The first half of the course will be devoted to developing a common background of information on American Indians—the diversity of the cultures, the forces which have molded White-Indian relations during the past 500 years, the different paths which Indian groups are exploring today. During the second half of the course, participants

will be encouraged to explore aspects of Indian concerns which are of interest to them, sharing these interests with the rest of the group in a seminar format.

Meets: T, W, Th, 8:30-12 noon, with evening films and occasional field trips/ Enrollment: 12

JT121

New Ways of Knowing Herb Bernstein

How can we apply the knowledge of modern science to real and crucial social issues in order to further the common good? To gain a shared vocabulary and direction, we will study works by Foucault, Feynabend, Lakatos and Resnik. Participants will bring to our group discussions examples of work (their own or others') the moral implications and consequences of which they wish to explore. Topics might include the lessons of the Milgram experiments, of educational trial program, and of the supposed high heritability of IQ., but shall include investigations of the instructor on the roots of modern "Big Science" physics and recombinant DNA technology. We, also, will visit Washington, D.C. for one week to meet with Marcus Resnik, whose projects of a Journal of social reconstruction and a new encyclopedia of reconstructive knowledge aim to help people apply their intellects to advance the common good. This course will serve interested Division III students as an integrative seminar but is open to all with instructor's permission.

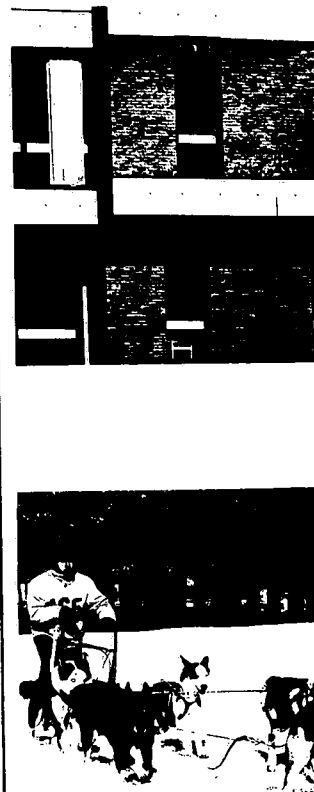
Meets: M, W, F, 9-1:00 pm/ Enrollment: 10

JT122

The American System in Crisis: The Legacy of the Great Depression Aaron Berman and Laurie Nisonoff

The Stock Market Crash of 1929 ushered in a period of turmoil and social change in the United States. The strain of mass unemployment and poverty, and the struggles surrounding the search for prosperity, changed the shape of American society and institutions, and the lives of millions. We will focus on the effects of the Depression on individuals, families, workers, farmers, blacks, artists and intellectuals. Movements for social change, radicalism, and the politics of the New Deal will be discussed. Special attention will be given to the economic causes of the Depression and the expansion of the role of the Federal government in the economic and social welfare spheres. Individual student or small group projects concentrating on one of these aspects will be an integral part of the seminar.

Meets: Jan. 3, 4, 5 for three-hour sessions and then once a week at time to be arranged/ Enrollment: no limit.





JT123 Figure Drawing Marathon Roy Superior

This course is only for the dedicated and committed art student beyond the beginner level. We will be drawing from the model five (5) days a week for eight (8) - yes, eight hours a day. The door will be locked in the morning and unlocked at night (figuratively speaking) and the students will be chained to their easels. Students will work in all drawing media and instruction will focus on structure and expression. One learns about drawing by drawing - this course will be intensive, demanding, and exhaustive. Do not apply unless you are willing to be there every day, all day, all week. You can sleep weekends. This course will be run by people who LOVE to draw and we expect the same from the students. Sharpen your pencils, bring your coffee, plenty of energy and inspiration and we're off and running.

Meets: M-F, 9-5:00 pm/ Enrollment: 20

JT124 Remember the Hampshire 168! Phil Doherty

This course will be an intensive workshop for students to design and produce a series of posters in the public interest. Whether you want to help out your favorite charitable organization, or inform the Hampshire Community of a personal viewpoint, this is an opportunity for students with some design and screen printing experience to advance their skills. The first classes will be idea generating sessions, following meetings will include demonstrations of advanced production techniques, and critiques of design work as it develops. Students should be able to complete one or two editions of posters during the month.

Meets: T,Th, 1-3:00 pm/ Enrollment: 10

JT125 Tapestry Workshop Robin Schiff

Using primitive frame looms we will explore a wide variety of hand manipulated weaving techniques. Creative exploration of texture, color, and composition will be encouraged. Beginners and advanced students are welcome. Beginners will weave a sampler and design a tapestry. Advanced students should come with a design in mind or a work in progress.

Meets: T,Th, 10-1:00 pm/ Enrollment: 12



JT126 Batik: Design and Technique Susan Dayall

Batik is a method of creating designs or patterns by applying wax resists to fabric and immersing it in dye; the process is continued through successive dyebaths to produce the color range of the finished design. This will be an introductory course, covering basic methods of applying wax (by tjanting tool, brush and stamp) and dyeing procedures (with cold water dyes). We will pay a good deal of attention to design for batik, and experiment with the various intentional/accidental effects (such as crackle) that can be obtained in this medium. Hopefully, the class will proceed through at least three waxing and dyeing sequences. (Further information available from the instructor.)

Meets: M,T,W,Th, 1-3:00 pm/ Enrollment: 12

JT127 Animation Emily Hubley

This course will be an introduction to film animation. For the first three meetings we will study the different techniques involved (cut, puppet, cut out, sand, etc.) as well as the purposes which the films serve (political, educational, entertainment, etc.) During the remainder of the course, each student will have the opportunity to produce a short silent film using the technique of his/her choice. On January 22 we'll screen and discuss those films.

Meets: M,W,F, 1-4:00 pm/ Enrollment: 20

JT128 Recorder Playing Phoebe Larkey

The recorder is an end-blown flute, widely used from about 1450 through the time of Handel and Bach. With the revival of interest in early music, many people are eager to learn to play the recorder since its use permits more authentic interpretation of this music. Along with its use as a valid, serious musical instrument, the recorder is the ideal instrument for recreational music. Relatively inexpensive, easy to transport and often at its best played in groups (ensembles). Daily classes in technique and concert playing using all sizes of recorders available will be given as needed for students at all levels of proficiency.

Meets: M-F, 10-12 noon, and some afternoon sessions/ Enrollment: open

JT129
Intro to Synthesizers
Buzz Goddard

A building block approach to the concepts of sound manipulation and voltage control geared for people who don't know a ring modulator from an envelope follower. The basic physics of sound and recording will be covered but the emphasis will be on use of the synthesizer itself. There will be limited time for hands on use of a variety of synthesizers. This should be especially valuable to keyboard players interested in some of the new instruments available.

Meets: T,Th, 2-5:00 pm/ Enrollment: 12/ Prerequisites: instructor permission.

JT130
The Yin and Yang of Cooking and Eating
Enjoyment
Paula Chadis-Gallagher

The emphasis of this course will be on learning to choose the most appropriate foods and methods of preparation so that by eating them we may live in closer harmony with heaven and earth. We will cook and sample a wide range of foods with respect to climate, environment, and our individual constitution/condition, activity and dream. In addition to cooking grains, beans, land and sea vegetables and fruits, we will explore several health giving foods from the east; miso, to-fu (soy bean curd) seitan (wheat meat). Also included will be bread baking and fantastic natural desserts plus remedies for simple colds and flus.

Meets: T, 9-12 noon/ Enrollment: 12-14

JT131
Magic
Stephen Lohman

An introduction to the art of illusion with an emphasis on slight-of-hand, routineing and performing. Members of the class must be willing to work and practice faithfully. Hopefully there will be a final performance. This class is open to anyone who can keep a secret. Please bring your own rabbit.

Meets: M,W,F, 10-12 noon/ Enrollment: open

JT132
Clowning
Sophie Parker

We all have a clown in us, but few of us have found a good way to express our clown character. In this course we will let the clown out. This course is designed for those people interested in running their own clown and learning how to control that energy. Most of the class time will be spent working on improvisations used by the French mime Lecoq. These improvisations develop the clown's name, character, costume, place in the power structure, (there is always a Boss Clown) and later lead to designing make-up and clown routines. Some time will be set aside during each class for instruction and supervised practice in basic circus techniques: juggling, unicycle, tumbling, prat-falls, fire-eating, wire walking. The emphasis in this work is on body awareness and balance, not on the level of skill attained.

Meets: M-Th, 1-4:00 pm/ Enrollment: 15

JT133
Jitterbug and Lindy-Dancing
Ted McAdams

Back by popular request - the same course as last year! The jitterbug and Lindy dances from 1935-1945 with real swing records! Learn those dances that help you win friends and influence people! Last year's course was the most popular January Term course ever! If you already know how - come anyway just to dance!

Meets: M,Th, 7:30-10:00 pm/ Enrollment: open

JT134
Noh Theatre
Akira Matsui

Noh Theater is a dramatic-dance form which tells a story through song (uta), movement traditional story lines. It is highly formalized, having proscribed movement and song for each of the (roughly) 210 plays in the Noh repertoire. The Noh Theater Course offered by Hampshire College for the January term and taught by the Noh shite (actor) Akira Matsui, will introduce the students to the song, movement and traditions of the ancient theater form through lectures and movement and song exercises. Class will meet for three hours a day ten times during the course of the month, and the class will be taught one sequence from a particular play. There is an outside chance that there will be a Noh performance by Matsui-san, and there will be films to supplement the lectures.

Meets: To be announced





JT135 Moon Lake Casino Josie Abady and Wayne Kramer

A one woman show using the works of Tennessee Williams. Moon Lake Casino is found in almost everyone's major plays. This reference point is used as a symbol for escape, illusion, decadence, etc. Students would attend rehearsals and watch the playwright, director, and actress evolve the script. They would build the set and crew the show. This show would then be televised and students would be involved in the process of converting live theatre into television format. Discussions of the similarities and differences in the art forms would be inherent in the process.

Meets: W, Jan. 3 10:00 am, other times TBA/ Enrollment: open

JT136 Stretch and Placement Martha Eddy

This class will incorporate techniques in relaxation, body alignment and efficient kinesiology. It aims to integrate anatomical awareness into modern dance movement. It will provide a foundation for dance technique and improvisation classes. Time will be allotted for creative individual and group exploration with these concepts. I am also willing to lead (initially, that is) an Improvisational Workshop after this class if there are people interested in exploring group movement dynamics.

Meets: M-F, 10-12:30 pm/ Enrollment: 18/ Prerequisites: some experience in dance techniques.

JT137 Dance/Physics/Dance/Physics/Dance/Physics Danny Lepkoff, Christina Svane, Ann Woodhull

The course will be in two sections, each meeting daily: Movement improvisation and physics. In the dance part we will work on the discipline of improvisation and develop our skills and intuitions along this nonverbal, nonteleological line. In the physics section, we will deal with Newton's laws of motion, developing our physical intuition by trying out how these laws feel in our bodies; we will also use toys, verbal descriptions, maybe even equations, but the emphasis is on understanding physics in a body-sense. We also expect to discuss the relationships and differences between these two explorations. Each person enrolled must participate in both sections: no physicists who won't dance or vice versa. Danny and Christie and Ann will coteach from (approx) January 3-13. For the remainder of the month, there will be studio times and suggested exercises, and Ann will be available for discussing physics in regular meetings. At the end of the month we hope to have a symposium consisting of presentations by participants.

Meets: M-F, 10-12 noon and 2-4:00 pm/ Enrollment: 20

JT138 Primes, Patterns, Polyhedra, Puzzles, Paradoxes David Kelly

A potpourri of pleasant mathematical pastimes permitting total or partial participation. Pattern providers, model makers, and paper presenters particularly welcome.

Mondays (8,15,22) PARADOXES 7:17 pm	Tuesdays (9,16,23) POLYHEDRA 3-5 pm	Wednesdays (3,10,17) PRIME TIMES 7:17 pm	Thursdays (4,11,18) PRIMOS 3-5 pm
A plethora of puzzles, including new and old paradoxes of infinity, math, logic, probability, and the real world. Martin Gardner's "Thursday Box" will be screened.	The math and mysticism of regular, semi-regular, and stellated polyhedra. Model-making supplies available.	3: Fantastic Films 10: How to Beat Multiple Choice Exams and Why the Fronts of Log Books are Dirtier 17: The Mathematical History of 17 (followed by math prebreaks party).	An introduction to elementary number theory: primes, perfect numbers, phi, and Fibonacci.

Meets: M,W, 7:17 pm, T,Th, 3-5:00 pm/ Enrollment: open

JT139 Philosophy of Mathematics — How is Mathematics Not a "Science"? Donna Kossy

The truths of mathematics are said to be necessary and known *a priori*, while the truths of science are said to be empirically known and contingent. Why, then, do we put mathematics in the school of Natural Science? Why do we speak of math/science people? Some philosophers actually claim that this is not unwarranted, that math is very much like an empirical science. Other philosophers, however, including mathematicians, react violently to this idea. In this course we will struggle with the above issue. We will investigate various philosophies of mathematics in relation to this issue. Some will account for the differences between math and empirical science, while others will refute this distinction altogether. Possible sources will be from authors such as Putnam, Lakatos, Wittgenstein, and perhaps earlier authors as the empiricists.

Meets: M,W,F, 1-3:00 pm/ Enrollment: open/ Prerequisite: experience with college-level math and/or philosophy, or instructor permission.



JT140
APL and Computer Games
Noah Falstein

This course will be taught on two levels. One will be as a beginner's course in APL, a very powerful computer language. The other will be an advanced seminar in techniques in programming computer games. The two halves will be separated enough for people interested in only one to concentrate on it, but there will be significant interconnection, particularly later in the term. High quality computer games can be Division I IAC exams.

Meets: T-Th, 10:30-12:30 pm/ Enrollment: 25

JT141
Introduction to Lisp
Lars Travers and Robin Downs

LISP is a very attractive computer language. It is powerful, has aesthetic appeal, and is a pleasure to program in. It has been an important influence in computer science for about ten years and has now become the most widely used programming language in artificial intelligence research. This course will be an intensive introduction to LISP for people without any programming experience as well as those who have studied other languages. We will cover The Little Lisper with many supplementary assignments. As time permits we will also look at some special topics such as property lists, embedded languages, how big programs work, etc. This course will provide good preparation for the deeper course being taught this spring.

Meets: M-F, 10:30-12 noon/ Enrollment: open.

JT142
Objectivity and Emotion
Mike Cross

I'd like to develop groups to research projects concerned with three broad areas: 1) scientific theories of emotions since Descartes. Examples of possible topics include: historical origins of the concept of instinct in relationship to emotional behavior; emotions and contemporary studies of cerebral lateralization; emotion and mind-body dualism in eighteenth century medical theory; the shared assumptions of behaviorism and psychoanalysis. 2) Science and sex. This area divides broadly into two main interests: (a) attempted biological accounts of male-female differences in sexual identity; (b) women and science (Why are there fewer women than men scientists? How might feminist values transform the organization and content of science?) (3) Biologists and death: When and why did the cause of death emerge as a scientific problem? How do contemporary molecular theories bear on the question of whether longevity is genetically determined? The purpose of this course is to foster research in progress through discussing how to formulate or investigate particular problems, and through sharing drafts of work in progress. Thus, all students must have well-formulated projects in mind at the outset and clear ideas about how to begin to pursue them.

Meets: T-Th, 1:30-3:30 pm/ Enrollment: 20

JT143
Chemiluminescence and the Secret of the Firefly
Lloyd Williams

The energy change in a chemical reaction may manifest itself in a number of ways. One of the most spectacular is chemiluminescence or the chemical production of light. Chemiluminescent phenomena are also important in certain biological systems; for example, fireflies and angler fish. The class will meet as a group at the beginning of the term to view demonstrations of some chemiluminescent reactions and to discuss the chemical and physical processes which produce these phenomena. Students will then choose a chemiluminescent phenomenon for study either individually or in small groups. These projects will involve a literature review and some laboratory work. Students will be expected to write a paper on their project and make a presentation to the group at the end of the term.

Meets: T-Th, 1-3:00 pm/ Enrollment: 10.

JT144
Yeast Mitochondrial Mutation Hunt
Lynn Miller

In 1965 and 1966 two investigators in Sheffield, England and Beirut, Lebanon independently described "cytoplasmic" mutants of *Saccharomyces cerevisiae* with altered sterol metabolism. At that time little was known of mitochondrial genetics and less was known about sterol genetics so the mutant strains were neglected and lost. Since then no one has reisolated mutants of this sort. I have devised an experiment that might allow us to reisolate some mutants and begin to characterize them. Those who join the hunt will learn many lab techniques, read some of the research literature, and help devise new experiments. Investigators with energy, good spirits, and tolerance of cigar smoke are welcome. Any previous experience with microorganisms, laboratory work, or other such technical skills on the part of the participants is welcome but not necessary.

Meets: M-F, 8-5:00 pm/ Enrollment: 12-16

JT145
Parasitology
Nancy Goddard

Students will get an overview of parasitology - what it is and what a parasitologist does, by reading selected literature from the professional journals and through laboratory experience involving microscopy, taxonomy and histology as applied to certain ectoparasites of marine fishes. This is an opportunity to acquire skills not limited to application as a parasitologist, but transferrable to other fields of specialization in the biological sciences.

Meets: M-F, 10-12 noon/ Enrollment: open/ Prerequisites: Interview with instructor during the last week of December is required of all students to discuss readiness for the course and to pick up reading assignments for the first week.

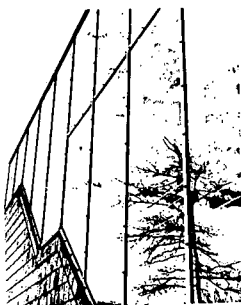




JT146
Pain and Analgesia
Christopher Woods

This course will survey current theories on pain mechanisms, primarily from the physiological standpoint. It will begin with basic neurophysiology and proceed to analgesics, discussion of the pain-gate theory and our current understanding of the internal opiate situation. Part of the class will be lecture, the rest, laboratory work, which will cover the standard pain-threshold tests.

Meets: T,Th, 10-11:30 am/ Enrollment: 12



JT147
Small Boat Navigation, Seamanship and Fishing
Capt. Robert Singleton

This course is designed to teach you everything you need to know in order to fish. You will learn how to tie knots, rig tackle, watch weather, survive at sea, and operate and maintain sea-going fishing vessels (commercial and sport), as well as the fundamental fishing techniques used in taking all major fresh and salt water species. Dangerous fish, the Bermuda triangle, and other maritime phenomena will also be discussed.

Meets: M-Th, 9-11:00 am/ Enrollment: open

JT148
WSI
Esther Wallace

Water safety instructor is an American Red Cross course involving teaching skills in water safety from the Beginner level through Advanced Lifesaving. This is usually the requisite for a lifeguard job at a large private and all public swimming facilities.

Meets: M-F, 1:30-4:00 pm/ Enrollment: 25/ Prerequisite: current Advanced Lifesaving Certificate.



JT149
Beginning Swimming
Kate Stanne

The purpose of this course is to help people who have any fears of swimming, or are uncomfortable in water to learn basic water safety as well as learning how to swim. Anyone interested in improving their strokes are also welcome in the course.

Meets: M,W, 11-12 noon/ Enrollment: 20

JT150
Folk Dancing
Kate Stanne

We will be learning many different folk dances from different countries. The purpose is to learn dances and have fun doing them. Anything else we can explore will be decided by the class.

Meets: T,Th, 2-3:30 pm/ Enrollment: 30-40

JT151
Downhill Skiing and Optional Instruction
Berkshire East Staff

Each session consists of a 1 1/2 hour lesson (beginning, intermediate, advanced, or racing) and 3 free hours of skiing. Equipment may be rented at \$28.00 for all 6 sessions. The bus leaves Hampshire at 10:15 am and leaves Berkshire East in Charlemont at 4:00 pm.

Meets: M,W,F, (select any 2 days per week)/ Fee: \$40, includes instruction, lift tickets, and transportation to and from Berkshire East

JT152
The Plane of Snow
Richard Muller

Winter in the forests and mountains of New England is a time of incredible beauty: deep silence, sharp wind, glittering sculptures of ice and snow. This course will teach the skills necessary to camp and travel safely in some of the most challenging winter environments in North America: the Adirondacks, the White Mountains, perhaps Maine. Participants will learn winter camping techniques, including construction of emergency and improvised shelters; use of snowshoes and cross-country skis; basic snow climbing techniques, including use of an ice ax; map and compass navigation; other skills as the needs arise. Participants will be urged to use a journal and camera as tools to document their personal experiences. Some prior camping experience is necessary, and participants should have no other commitments for the term. Specialized equipment can be borrowed from the Outdoors Program, but individuals will have to supply their own clothing; most people should be able to acquire what they need at reasonable cost at military surplus stores and by borrowing.

Meets: All of January Term/ Enrollment: 12/ Prerequisite: instructor selection, after informational meeting the week of November 13/
 Cost: about \$100 for food, gas, and travel.

JT153
Natural History of Big Bend and the Rio Grande by Kayak and Canoe
John Foster, Carol Fisher, Cathy Hearn

This course will involve exploration of various aspects of the natural history of Big Bend National Park and the Rio Grande River. The Park contains a variety of ecosystems from Chihuahuan Desert to grassland, woodland and high mountain canyons, while the river provides deep canyons and flood plain regions. The geology is evidence of various events including submergence by ancient seas and uplift, folding and faulting of the resultant sediments, followed by volcanic activity and, finally, erosion. The greater part of the trip will be travel by kayak and canoe to interesting areas, with further exploration on foot. There will be a mandatory pre-trip minicourse in which we will develop a background in paddling skills, safety and natural history. Participants will be expected to write a brief report on what there is to look at and what we can expect to find, as well as a bibliography of available information.

Meets: Departs Hampshire January 3 to return 3 weeks later/ Enrollment: 9
 Prerequisites: Pre-trip minicourse

JT154
Women's Backpacking Trip to Utah
Judy Greenberg and Jenny Law

Women's backpacking trip to Canyonlands National Park in Utah. We'll explore the natural and cultural history of the area with each member responsible for studying and presenting some area of particular interest to the group. No previous experience necessary. Open to Hampshire College community only.

Meets: Entire January term/ Enrollment: 10



Special January Events

January Term 1979

Lecture Series

"Flames, Flights, Fancies, Falls: The Archetypal Psychology of the Puer Eternus--the Spirit of Youth and the Youth of the Spirit" by Dr. James Hillman of the C.G. Jung Institute, Zurich, and the University of Dallas. January 14-17.

"Consciousness and the Voices of the Mind" by Dr. Julian Jaynes, author of *The Origins of Consciousness in the Breakdown of the Bicameral Mind*, and Professor of Psychology at Princeton University. January 3-6.

"Caribbean Perspectives" by George Lemming, novelist and Visiting Professor of Writing and Literature. The lectures will concentrate on certain major writers whose work offers an imaginative interpretation of the cultural and political history of the region. January 10-12.

"Seminars on Mind and Brain" by several prominent researchers in the fields of cognitive psychology, neurophysiology, and allied fields such as cognitive development, linguistics and philosophy. Dates to be announced.

Films

"How Yulong Moved the Mountains", a unique series of revealing and provocative films about the people of China. These films received wide critical acclaim when they were shown to sell-out crowds at the Museum of Modern Art, New York, last February. January 9, 13, 19.

"Yellow Submarine", the Beatles fantasy classic. January 20.

Symposia

"Festival of Women in the Arts" which will bring together prominent visual artists and critics to talk about the domestic and decorative arts, female imagery, and standards of greatness in art. January 11 and 12 at Hampshire; January 18 and 19 at Smith, with a new set of artists and questions.

"The Family and the Professions: Changing Perspectives on Public and Private Lives", a conference to examine how conceptions of the family influence the architectural and health professions or are ignored by them. January 8 and 9.

Faculty

JOSIE ARADY is Assistant Professor of Theatre Arts.

TERESA BACAL is the Coordinator of the Reading and Writing Improvement Program at Hampshire.

AARON BERMAN, Visiting Assistant Professor of History, is a Hampshire graduate and a Ph.D. candidate at Columbia.

HERB BENSTEIN, Associate Professor of Physics, was recently Technical Director for Volunteers in Technical Assistance in Washington.

PAULETTA BROOKS is a Division III student studying fashion illustration in New York.

MARGARET CERULLO teaches courses in social theory and political sociology at Hampshire and has been a long-time activist in the women's liberation movement.

CARL D'AMATO is a Division II student at Hampshire whose background in Buddhism is mostly in the Theravada tradition.

SISAN DAVALL is Assistant Director/Media Resources Advisor in the Library Center. She has been doing/coaching batik for about five years and a show of her work was held in the College Gallery in October, 1977.

PHIL DOHERTY, a Hampshire graduate and faculty Associate in Humanities and Arts, is the creator of the Remember the Hampshire 1981 poster.

ROBIN DOWNS is a Division II student in computer science. Her interests are in LISP and artificial intelligence.

MARTHA EBY is a January graduate concentrating in dance education for adolescents.

MOAN FALSTEIN is completing his Division II in computers and astronomy. He's long been addicted to games and favors APL because he says, "I'm lazy."

LOUISE FARRHAM is Associate Professor of Psychology and an avid reader of *The New Yorker*.

MARK FEINSTEIN is Assistant Professor of Language Studies and has a special interest in bilingualism and implications of sociolinguistic research for a general theory of language.

CAROL FISHER, Kayak instructor with the Outdoors Program, has been the national champion in wildwater kayaking for five years.

JOHN FOSTER, Professor of Biology, is also interested in ecology and field biology, and white water canoeing.

PAULA CHADIS-GALLAGHER began her continuing study of yin/yang and natural foods cooking with Michio Kushi in 1956. Since 1976 she has taught at the Wu Ming Valley House and given workshops in numerous places.

BUZZ GOODARD is a Division II concentrator in musical technologies.

NANCY GOODARD is Associate Professor of Biology.

JUDY GREENBERG is on the Outdoors Program staff and has done graduate work in counseling psychology and feminist studies.

RICK GREENBERG is a Division 2.95 student concentrating in writing and radio production.

BILL GROMANN has seven year's experience as teacher and House Master at Hampshire.

MICHAEL GROSS, Assistant Professor of History of Science, is interested in the role of scientific theory in political and social questions.

MIKE HALEY has worked as an Associate Producer, Production Manager and Assistant Director in the film industry for the last 11 years. He has over 38 feature films to his credit.

CATRY HEARN is a Hampshire student.

JAMES HILLMAN, author of six main books on analytical psychology, is former Director of Studies of the C.G. Jung Institute in Zurich and teaches at the University of Dallas. He is editor of Spring: An Annual of Archetypal Psychology and Jungian Thought.

RITA HIRSH is Health Educator at Hampshire Health Services with several years' experience in the field.

KEN HOFFMAN is Associate Professor of Mathematics and has a special interest in American Indians.

LLOYD HOGAN is Associate Professor of Economics and editor of the Review of Black Economy.

EMILY HUBLEY is a Hampshire student concentrating in film animation.

JULIAN JAYNES, the author of The Origins of Consciousness in the Breakdown of the Bicameral Mind, is Professor of Psychology at Princeton.

DAVID KELLY, Associate Professor of Mathematics, directs the NSF-support Hampshire College Summer Studies in Mathematics for High Ability High School Students. He has a special interest in the number seventeen.

JAMES KOPLIN is a faculty member in the School of Social Science.

FORNA KESSY is a Division III student in the philosophy of mathematics although her background has been primarily in mathematics.

WAYNE KRAMER, Assistant Professor of Theatre Arts, has a strong background in design modes for the theatre.

PHOEBE LARGY is a member of The Early Music Players of New Jersey and the 20th Century Concert in New York. She has taught in January Term at Hampshire for a number of years.

JESSE LAW is a Division III student in Outdoors Leadership and has spent time in the woods of Maine and Wyoming, and the canyons of Utah.

DANNY LEVINOFF and CHRISTINA SVANE are associated with the School of Movement Research in New York City.

JILL LEWIS teaches literature at Hampshire from a socio-historical and feminist perspective. She is completing a doctoral thesis on Eliard from Cambridge University.

STEVE LORMAN is a Hampshire student and professional magician.

ROBERT MARQUEZ is Associate Professor of Hispanic-American literature and has published translations of Latin American poetry.

AKIRA MATSUI is a Noh actor of the Kita School in Japan.

TED MCDANIS is a Division III actor. He helped Nancy Hessel teach the course last year, and she'll be with Ted this year. This time it's his turn to do the paperwork.

JAMES MILLER is Assistant Professor of Communications, has special interests in communication theory and government-media relations.

LYNN MILLER, besides being Professor of Biology, has been described as "the man who hates dogs, children and motherhood." He also smokes cigars.

RICHARD MILLER teaches in LAC and is Director of Educational Technology in the Library Center. He has camping and climbing experience in several areas of the Northeast and spent last year in the Northwest. His feet get cold.

LAURIE NISZOFF, Assistant Professor of Economics, is interested in labor history, the development of a social welfare system, and has a personal interest in the role of artists in the Depression.

SOPHIE PARKER is a professional clown in Boston and also a Hampshire graduate.

NAURICE PORTER is a transfer student from Shimer College, working in the Humanities.

MICHELLE ROBITAILLE has taught several courses in the area of human sexuality and has a special interest in women's health.

ANDREW SAUKEY is a Jamaican poet and novelist and has written and edited twenty-six books.

ROBIN SCHIFF is a Division III student whose work in weaving has been exhibited at Cornell and at the Johnson Museum in Ithaca, New York.

ROBERT SINGLETON is a master mariner with 19 years of experience. He is the Captain of a Cape Cod fishing boat and has recently written a book on navigation for beginners, which will be published next year.

DAVID SLOSS is a Division II student whose background in Buddhism is in the Mahayana tradition.

FRANCIS SMITH is Professor of Humanities. He teaches and writes poetry.

KATE STANNE is Sports Instructor at the Robert Crown Center.

ROY SUPERIOR has been conducting a love affair with drawing since age 4 (longer than he is willing to admit).

LARS TRAVERS is a Division III student in computer science whose interests include LISP and artificial intelligence.

ESTHER WALLACE has taught NSI at Hampshire in previous January Terms.

LLOYD WILLIAMS is Assistant Professor of Chemistry.

WILLIAM WONG-MCCARTHY, Visiting Assistant Professor of Social Psychology, is currently involved in research on the relationship between sex roles and speech.

ANN WOODHULL, Assistant Professor of Biology is both a dancer and a neurobiologist.

CHRISTOPHER WYDS is a Division III student who has done research in pain studies at The New York State Psychiatric Institute/Department of Behavioral Physiology.

