





PRESIDENT'S CORNER

Is there a difference when a college calls itself "church-related?"

In Lycoming's case, for instance, there is a long historical relationship with The United Methodist Church. The ethical and religious concerns of the church have been shared by the college. There has been an honest attempt to show unusual concern for persons. The church has assisted the college to offer religious services to students from a wide variety of faith and practice.

Our tradition has never led us toward proselytism. The college has encouraged students to explore the possibilities of their own faith and has urged commitment to the highest religious and moral values. We have not endeavored to make United Methodists of persons who found deep meaning in another church or faith. We have tried to encourage each student to develop his/her highest potentiality, hoping that this would bring about many important results for our society and our world.

The pattern of "religious activity" has changed notably for most United Methodist-related colleges during the past thirty years. We no longer have required chapel and church attendance, mainly because this will be a matter of choice for the student when he leaves the campus--he/she may as well learn to make good choices while in college. Lycoming does require a sequence of two courses in either religion or philosophy. These should help each student to formulate a sense of direction in a world of confusing value claims.

The United Methodist Church also gives strong annual dollar support to Lycoming College. Certainly this is not given with a thought toward "control" of the institution. The United Methodist tradition in higher education has seen support without control and assistance without dictation. The leadership of the church has agreed that a church-related college must be first and foremost an educational institution. Beyond that, we hope that the entire institution will make its decisions in the light of the most important religious and moral values that we can bring to bear upon each specific situation. If there's a "plus," that's it.

HAROLD H. HUTSON
President of the College

PARENTS PLEASE NOTE

Lycoming College does not approve, endorse, or recommend insurance plans or proposals of any specific company. Any information received by students, parents, or alumni implying otherwise is incorrect.

FACULTY PROMOTIONS

Promotion of three faculty members was announced by President Hutson. Three faculty members were also granted tenure, including one of those promoted.

Approved for promotion to associate professor were DR. ROBERT B. ANGSTADT, assistant professor of biology and chairman of the biology department, and ROGER D. SHIPLEY, assistant professor of art and chairman of the art department. GARY DARTT will be promoted from instructor to assistant professor of theatre. Dartt also was one of the three granted tenure.

Also granted tenure were MAX E. AMEIGH, instructor in art, and DR. ROBERT H. LARSON, assistant professor of history.

Dr. Angstadt has been a member of the faculty since 1967. He received his bachelor of science degree in biology from Ursinus College, the master of science degree in zoology from Cornell, and the Ph.D. from Cornell.

Shipley has also been on the Lycoming staff since 1967. He was awarded the bachelor of arts degree in art at Otterbein and the master of fine arts degree from Cranbrook Academy of Arts.

Dartt joined the Lycoming faculty in 1969. He received the bachelor of arts degree from Augustana College (S.D.) and the master of fine arts degree from the University of Minnesota.

Ameigh graduated from Lycoming and received his master of education degree from Pennsylvania State University. Dr. Larson was awarded his undergraduate degree from The Citadel and the M.A. and Ph.D. from the University of Virginia. Both have been on the Lycoming staff since 1969.

Hutson Elected President of United Methodist Association

DR. HAROLD H. HUTSON, president of Lycoming College, was elected president of the National Association of Schools and Colleges of the United Methodist Church for a one-year term at the annual association conference on January 12.

Dr. D. Frederick Wertz, former president of Lycoming, also served as head of the association during 1966. The group is comprised of 7 universities, 81 senior colleges, 20 two-year colleges, and 14 secondary schools.

Dr. Hutson was elected president of Lycoming College in 1969. He held various administrative and teaching posts at Methodist-related institutions prior to accepting the position at Lycoming. They include provost of American University; president, Greensboro College; and teaching positions at Ohio Wesleyan, Birmingham-Southern College, and Wofford College.

Midyear Graduates

Forty-five seniors completed work for their degrees at the close of the fall semester. All are invited to participate in the spring commencement to be held on Sunday, May 4, 1975. Diplomas will be mailed to all graduates as soon as they are received from the printer. Robert J. Glunk, registrar, asks patience since this takes four to six weeks from the date he certifies their graduation.

We congratulate the following graduates, wish them well in all their pursuits and welcome them to the Alumni Association:

Mary Ann Barnes
 Jeffrey A. Bohm, magna cum laude
 Kathy Ann Bowers, cum laude
 Daniel Michael Chynmweh
 James Vincent DiIko
 Mark Donald Davies
 Sarah E. Distrow, cum laude
 Eric Leonard Dodge
 Patricia Eileen Doebler
 Theodore C. Fullmer, Jr.
 Mary Alexandra Goodspeed, magna cum laude
 John Cabot Goudy, cum laude
 Linda Sue Gray
 George B. Gross, Jr.
 Nancy Sanders Hawke, magna cum laude
 Susan Dawn Hess
 Dennis Eugene Hom
 Margie A. Kaler
 Kathleen Anne Kennedy, magna cum laude
 Joanne Ilczka Kuntz, magna cum laude
 Kathryn Mary Lathroum, cum laude
 Mary Alice Lazar Lewis, cum laude
 Susan Carol Lutzinger, magna cum laude
 Kathy Ann Millett
 William Dwayne McCleary
 Ann Kinch Miller, cum laude
 Frederick Carl Miller, magna cum laude
 Paige Marlene Miller, magna cum laude
 Nanette Louise Neudeck
 Jacquelyn L. Snyder Nowak
 Thomas Patrick O'Connor, Jr., cum laude
 Kathryn Davis Person
 Rata H. Peters
 Shirley Jean Reback, cum laude
 Anne Elizabeth Rinald
 Robert L. Schreiber
 Kathryn Anne Sejen, cum laude
 Bruce Robert Sheaffer, cum laude
 Greg Harry Shorkway
 Thomas Charles Simek
 Jim Michele Skipper, cum laude
 Joseph George Edward Specht, II
 Frances D. Stone
 Karen April Suplee, magna cum laude
 Ray William Young



Michele G. Mart takes notes while Dr. Richard Erickson instructs William E. Haines in adjusting the planetarium projector.

See article on page 2, column 1.

PHYSICS DEPARTMENT ADDS ASTRONOMY MAJOR

ATTENTION! ALUMNI,

ARCHERS, and COLLECTORS.

OLD ARROWS FOR SALE

The 1975 ARROW staff has announced that a number of back issues are being made available to alumni and friends of the College. In addition to those listed below, orders are being taken for the 1975 ARROW which is being prepared for the press now. Please use the blank and enclose your check with the order. Requests will be filled in the order received. Price includes postage.

ARROW - Years Available	Number of Copies Available
1959	2
1960	6
1963	2
1964	4
1965	6
1966	5
1967	100
1968	10
1969	100
1970	50
1971	15
1972	25
1973	50

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Please send me _____ copies of the ARROW for the year(s) _____ @ \$6.00 each.
Also, please enter my order for _____ copies of the 1975 ARROW @ \$8.00 each.
Please mail to:

Check enclosed \$ _____

Mail orders to:

The Alumni Office
Lycoming College
Williamsport, Pa. 17701

Vanaskie Named to Academic All-American Football Team

TOM VANASKIE, the Warriors' outstanding senior defensive back and co-captain of the 1974 football team, received one of the most distinctive post season honors awarded to college athletes when he was chosen to the 1974 College Division Academic All-America football team.

Selection to the team is based on combined performance in the classroom and on the football field. And on both criteria, Vanaskie's achievements are outstanding. He has compiled an almost perfect 3.87 grade point average during his nearly four years as a political science major at Lycoming.

The senior defensive back climaxed a fine four-year career on the gridiron during the past season when he made 45 solo tackles, assisted with 25 others, recovered 2 fumbles, intercepted 3 passes, and blocked a kick. The 3 interceptions increased his career total to 11 to equal a school record established in 1964-66 by David O'Connor. He was also among the national leaders last season in returning punts with an 11.5 average and 2 touchdowns on returns of 64 and 81 yards.

To be nominated for Academic All-America consideration, the athletes had to achieve at least a 3.0 average and be starters on their respective teams. The composite grade-point average of the 23-man first team was a sparkling 3.87. Offensive Tackle Mark Dienhart, of St. Thomas College, had the highest grade point average of 3.96.

Selection of the team is co-sponsored by the American Heritage Life Insurance Company and the College Sports Information Directors of America.

Effective September 1975, the Department of Physics at Lycoming College will become the Department of Astronomy and Physics. This change not only adds a new major in ASTRONOMY to the Lycoming College curriculum, but also involves a revision of the PHYSICS major as well. The program has been designed to accommodate individuals who require additional mathematical preparation while providing opportunities for students with strong mathematical backgrounds to advance more rapidly.

The new major in astronomy, centered around the college's Detwiler Planetarium, is especially designed to provide training in planetarium education. Our graduates will be well qualified to operate planetariums. This emphasis on planetarium education is a unique feature of our new program. Entering the field of planetarium education is a way for students who are interested in astronomy but who do not plan to go on to graduate school to establish professional contacts with the community of research astronomers.

The revised physics major will continue our tradition of providing excellent preparation for graduate school, for industrial research, for high school physics teaching, and for our "3-2" cooperative engineering program (offered in conjunction with the engineering departments at Bucknell University and Pennsylvania State University). From now on, students who wish may also take several advanced undergraduate astro-physics courses as part of their physics major.

ROBERT J. GLUNK, college registrar, compiled the following official report of enrollment:

STUDENT BODY STATISTICS

Spring Semester 1974-75

TABLE I

Student Class Distribution

	Senior		Junior		Sophomores		Freshman		Special	Surveys		TOTAL		
	Full	Part	Full	Part	Full	Part	Full	Part		Full	Part	Full	Part	
Male														
73-74	190	15	183	2	191	1	241	0	33	14	5	0	37	845
74-75	161	11	192	3	213	2	238	0	15	22	0	0	38	857
Female														
73-74	117	9	109	1	134	4	151	0	10	23	35	0	37	571
74-75	108	6	109	1	110	1	148	1	13	15	48	2	31	565
Totals														
73-74	307	24	322	3	325	5	392	0	43	42	43	0	74	1416
74-75	269	17	301	7	323	3	386	3	28	37	48	2	69	1355
Total Students														
73-74												Equivalent Full Time		1402*
74-75														1330*

*Does not include surveys. These students are not included in any of the following tables.
Note: Figures for 73-74 are for the Spring Semester.

TABLE II

Residence Status

	Senior		Junior		Sophomores		Freshman		Special	Sub-Total		Total	
	M	F	M	F	M	F	M	F		M	F		
On Campus	89	87	135	89	177	99	204	127	8	8	643	410	1023
Off Campus	83	27	60	24	18	12	29	16	11	28	244	107	351
Totals	172	114	195	113	195	111	233	143	42	36	887	517	1374

DALE BOWER, '59, director of alumni affairs, is the only guy we know who was born in a bank. This may explain why he's always bug-ging the alumni to send him checks.

The truth about Dale's background—scout's honor—is that the old stone home that was his birthplace has now become a bank. It was recently opened on Route 15 north of Williamsport near Robert Hall Village by Common-

SPRING SPORTS SCHEDULES

GOLF

Fri.	Apr. 4	Dickinson, Ursinus, Western Maryland & Dickinson	Away
Tues.	Apr. 8	Susquehanna	Home
Fri.	Apr. 11	Junata	Home
Mon.	Apr. 14	Bloomburg	Home
Tues.	Apr. 15	Wilkes and Upsala	Home
Fri.	Apr. 18	Elizabethtown	Away
Mon.	Apr. 21	Delaware Valley & Scranton	Home
Tues.	Apr. 22	Lock Haven	Home
Fri.	Apr. 25	Lebanon Valley & Mühlenberg @ Mühlenberg	Away
Mon.	Apr. 28	MAC - Willow Grove	Away

SPRING TENNIS

Fri.	Apr. 4	Upsala	Away
Sat.	Apr. 5	Delaware Valley	Away
Mon.	Apr. 7	Scranton	Home
Wed.	Apr. 9	F & M	Home
Thurs.	Apr. 10	Lock Haven	Home
Sat.	Apr. 12	Dickinson	Home
Wed.	Apr. 16	Susquehanna	Home
Thurs.	Apr. 17	Albright	Away
Sat.	Apr. 19	Bloomburg	Home
Tues.	Apr. 22	Junata	Home
Sat.	Apr. 26	Drew	Away
Tues.	Apr. 29	Elizabethtown	Away
Wed.	Apr. 30	Wilkes	Home
Fri.	May 2	MAC - F & M	Home
Sat.	May 3	MAC - F & M	Home

TRACK

Wed.	Apr. 2	Haverford	Home
Sat.	Apr. 5	Dickinson, Delaware Valley @ Dickinson	Away
Wed.	Apr. 9	Western Maryland & Frostburg State @ Western Maryland	Away
Sat.	Apr. 19	Susquehanna	Home
Wed.	Apr. 23	Lock Haven, Mansfield & Bloomburg @ Mansfield	Away
Mon.	Apr. 28	Junata @ Bucknell @ Bucknell	Away
Fri.	May 2	MAC - Dickinson	Home
Sat.	May 3	MAC - Dickinson	Home

wealth Bank and Trust Company. It's a branch bank, but it's called The Square Hays Home-stead, after the original owner. It was recently purchased, moved, and faithfully restored to its original condition by Commonwealth. The house was built in 1806 and acquired by Dale's ancestors in 1923.

LYCOMING COLLEGE REPORT

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Staff Editor - Oliver E. Harris
Associate Editor - Dale V. Bower '59
Sports Editor - Bruce L. Swanger

LYCOMING'S MAY TERM

is Something Else!

HOW IT CAME ABOUT

When many institutions were experimenting with "innovative and relevant programs" in the late sixties, Lycoming was developing its own version: the 4-4-1 calendar with the optional May Term. The two 4's represent the fall and spring semesters which run for four months each. The 1 represents the May Term; it runs four weeks and offers one unit of credit to those who elect to participate.

After examining other calendars like the 4-1-4, most of which have the Jan (January) Plan, we decided that in our climate January was not the best of months for off-campus courses. Neither was it the best time for students to find employment if they opted not to attend the one-month session. May, it appeared to us, had both advantages. By then, the weather is better for foreign travel in the northern hemisphere or for off-campus courses in other parts of our country. And it gave the students who didn't want to attend an extra month--May, June, July and August--to work, plus an early shot at available jobs.

ITS SUCCESS

So the 4-4-1 calendar was adopted in 1971-72 and is now in its fourth year. New programs are usually adopted with certain apprehensions and doubts. Ours was no exception. Many colleges reported that only 10 to 20 per cent of their students were participating in optional terms. We were, therefore, pleased when 297 students (almost 25%) enrolled for the first May Term in 1972. In 1973, registrations increased to 442 and dropped slightly in 1974 to 435. Percentagewise, however, more Lycoming students participated in our optional term than we anticipated. Surveys of student reactions to their May Term experiences were almost unanimously positive; they have given the program very high marks over the three years it has been in operation.

WHAT IS THE MAY TERM?

Compared with traditional college courses, the May Term is something else! First, students concentrate on one area of interest, focus their undivided attention on it, and earn one unit of credit. Second, it lasts only four weeks--long enough to learn something but short enough not to drag. Third, many of the courses are non-traditional and not offered during regular semesters. The faculty have designed a variety of offerings that are different and fascinating but unsuited for four-month terms. Some have the

added attraction of being offered "where the action is" rather than in a classroom. Several take students abroad to visit, to study, to experience other environments and observe other cultures. Some May Term courses are held at other educational centers such as the Bermuda Biological Station for Research. In general, the courses are less structured and the atmosphere less formal.

IT'S A BARGAIN

Finally, the May Term offers an educational bargain to all who participate. Tuition, room and board are at reduced rates; the College overhead for May Term (and Summer Sessions) is lower and much of this is passed on to the students. There are, of course, no room and board fees for students living off campus or for those enrolled in off-campus courses. However, off-campus courses carry charges for travel, meals and lodging--in addition to tuition. These vary according to the distances and locations involved. We are confident that the special group rates are substantially below what one would normally pay.

May Term courses are open to all who may be interested, and can be taken for credit or audit.

NOW FOR THE DETAILS

Dates: May 5 through May 30

Fees: Tuition - \$165.00 (for credit); \$82.50 (for audit)
Room and Board - \$130.00

Registration: Unless otherwise stated (consult course listings), registration deadline is May 5 in the Registrar's Office. However, it is recommended that it be completed prior to the opening day when possible.

EARLY DEADLINES

There are early deadline dates for all courses that involve foreign travel and bookings for tour accommodations. Please consult course listings and contact the professor in charge promptly if interested.

COURSES FOR MAY TERM 1975

ACCOUNTING 60 - Seminar on Technical Opinions

A seminar course for accounting majors with library assignments to gain a workable understanding of the highly technical opinions and statements of the Accounting Principles Board and the Financial Accounting Standards Board. One term paper. Possible trip to New York City to attend a public hearing of the Financial Accounting Standards Board. Richmond. 9 a.m. Cost: \$10 plus bus fare.

ACCOUNTING 62 - Financial Statement Analysis

Will deal with the analysis of financial statements as an aid to decision making. The theme of the course is understanding the financial data which are analyzed as well as the methods by which they are analyzed and interpreted. This course should prove of value to all who need a thorough understanding of the uses to which financial statements are put as well as to those who must know how to use them intelligently and effectively. This includes accountants, security analysts, lending officers, credit analysts, managers and all others who make decisions on the basis of financial data. Prerequisite: Accounting or Business 10. Mahon. 9 a.m. Cost: Textbook.

ART 61 - Jewelry

Design and creation of jewelry forms. Techniques of centrifugal casting (silver), enameling on metals, and other handcraft forms. Use of materials for jewelry as clay, metal (copper and silver), papier mache, wood, glass, plastic, and found objects. Encouraging good design and craftsmanship. Ameigh. 9 a.m. Cost: Lab. fee \$5.

ART 63 - Color Theory

This course is a study of the physiological and psychological aspects of color. Emphasis will be placed on the study of color as an aesthetic agent for the artist. The basic color theory of Johannes Itten and also some aspects of the color theories of Faber Berren, Albert Munsell, and Wilhelm Ostwald will be studied. Course is open and beneficial to all students. Shipley. 9 a.m. Cost: \$20.

ART 67 - Stained Glass

An introduction to the ancient craft of stained glass with practical exercises in glass cutting, layout and construction. A final project of the student's choice, with instructor's approval, designed and executed by the student will be the total grade. Koch. 9 a.m. Cost: \$20-\$40.

ART 68 - Photography Portfolio Workshop

Open to all students and community. Familiarity with film processing and printing preferred. The nature of this workshop will be oriented toward the advanced student. Emphasis will be placed upon 'straight photographic approach,' with daily trips and weekend outings within the area. A final portfolio presentation will be made by each student reflecting his or her self. Wild. 9 a.m. Cost: travel \$30; materials \$70.

BIOLOGY 61 - Introduction to Marine Biology and Biological Oceanography

An introduction to marine biology and biological oceanography at the Bermuda Biological Station for Research, St. George's West, Bermuda. The course will emphasize marine habitats and the adaptations of marine organisms as well as physical and chemical characteristics of the oceans. The daily schedule will include lecture, laboratory, and field work. The course will begin in April at Lycoming and continue from May 1-22 in Bermuda. Sherbine. All day. Cost: \$800. Deadline: February 28,

BIOLOGY 62 - Field Ornithology

Discussions and readings will consider systematics, anatomy, physiology, and adaptations of each to avian natural history--stressing ornithological contributions to behavior, evolution and speciation, migration and orientation, and ecology. Lab work--contributing to most in class time--will deal with field identification and field techniques of ornithology and behavior--including work with auditory and visual displays, territoriality, banding, population studies and the preparation of museum specimens. Angstadt. Arranged (usually 8-11 a.m.)

BIOLOGY 63 - Clinical Microbiology

A rigorous introduction to clinical microbiology with emphasis given to rapid identification of human bacterial pathogens. Laboratory to include such diagnostic procedures as antibiotic sensitivity testing, serological diagnosis, anaerobic culture techniques and hemolytic reactions. The class will take field trips to several clinical labs. Diehl. 9 a.m.

BIOLOGY 65 - Human Sexuality

A study of the human being as a sexual organism. Included for study are such areas as: the biology of sex and reproduction, contraception, abortion, venereal disease, sexual behavior and its variants, sexual responsibility, sex education, and the ethics of sex. Open to all students and recommended for in-service teachers and students contemplating a career in teaching. Green. Arranged (probably 4:30 or 5:00)

BIOLOGY 68 - Experimental Morphogenesis

This course will consider a number of phenomena which are involved in the genesis of form in vertebrates. These include, for example, cell proliferation and differentiation, selected cell death, movement of cells and cell sheets, and epithelial-mesenchymal interactions. The laboratory work will consist of (1) a class-effort exercise on regeneration in amphibian appendages and (2) selected short-term, project-approach exercises. Zaccaria. 9 a.m.

BUSINESS ADMINISTRATION 60 - Managing the Small Business

How the potential businessman proceeds in establishing, operating, and profiting from a small business operation. Considered and analyzed are such aspects as marketing, managing, financing, promoting, insuring, establishing, developing and staffing the small retail, wholesale, service, and manufacturing firm. Weaver. 1 p.m.

BUSINESS ADMINISTRATION 64 - Creative Advertising

A workshop concerned with theme, copy, and effective presentation of advertisements for print media, radio and direct mail. Primarily a course in applying creative ideas to practical advertising and tailored to individual students' interests. Limited to 12 students. Hollenback. 9 a.m.

BUSINESS ADMINISTRATION 67 - Introduction to Business--For Non-Business Majors.

To introduce the non-business major to the functional areas within the organization as well as to the interaction of the firm with social and physical influences of the American society in which it operates. King. 9 a.m.

CHEMISTRY 61 - Clinical Analysis

Designed for non-chemistry majors, principally medical technologists, who desire one semester of analytical chemistry. Topics include a review of general methods, cal-

culations, solutions and their preparation, volumetric analyses, photometric and potentiometric analyses, and automation of these methods. Prerequisite: Chem. 2 or 11. Franz. 8 a.m. - 12:15 p.m.

EDUCATION 30 - The Psychology and Teaching of Reading in the Elementary School

A background course in the psychological, emotional, and physical basis of reading. A study of the learning process as it applies to reading, child development and the curriculum. The development of a reading program from the beginning (readiness) through principles, problems, techniques, and materials used in the total elementary schools. Observation of and participation with superior teachers in elementary schools of the Greater Williamsport Area. Prerequisites: Education 20 and Psychology 38. Schaeffer. 9 a.m.

EDUCATION 50 - Open Classroom Education

Focus on open classroom education. A. Planning an open classroom program; B. Preparing the materials; C. Implementing the program; D. Teaching in an open classroom program. In addition to classroom experiences students will have an opportunity to work in open classroom programs within the public schools of the Greater Williamsport area. Conrad. 9 a.m.

ENGLISH 37 - The Fiction of J. P. Donleavy

Rife. 9 a.m.

ENGLISH 41 - Traditional Themes in Literature

Study of literature which involves the sea in its theme. Probable authors: Melville, Golding, Stevenson, DeFoe among others. Both novels and short stories of sea and island adventures will be read. Course will be held on sub-tropical Sanibel Island, off the Florida coast. Madden. Arranged. Cost: \$165, living and books, plus \$100 round trip by bus. Much less by car if that can be arranged. Deadline: March 15.

ENGLISH 42 - Women in Literature

As an extension of previous courses in Women in Literature offered here, this course will focus on selected works of contemporary women writers, beginning with Doris Lessing and Iris Murdoch. Using Virginia Woolf's criterion for integrity as a woman writer--that she must write "as a woman who has forgotten that she is a woman, so that her pages are full of that curious sexual quality which comes only when sex is unconscious of itself," i.e., does not preach or rail--these works will be examined for the variety of subjects, generic forms, attitudes and literary merit represented. Jensen. 7-10 p.m.

ENGLISH 45 - Writer's Seminar

An introduction to creative writing that will allow the student to try his hand at fiction, poetry, and the short critical essay. After an initial "experimental" period, students may concentrate in any one of the three forms for the balance of the term. Ford. 9 a.m.

MORE COURSES ON NEXT PAGE

SUMMER SESSION begins June 9 and ends July 18. Course offerings and other information available on request to the Director of Special Sessions.

Shakespeare's "early period" is usually considered to span the years from 1564 to 1594. During this period he wrote three comedies, five history plays, two long poems, three five-act tragedies which we would call long, and the sonnets. Even though we might say it was a period when Shakespeare was learning his craft, that is not to say the work of this period deserves neglect, something it does receive in English 36. By 1594 Shakespeare had written such comedies as *The Comedy of Errors*, *Love's Labour's Lost*, and *The Taming of the Shrew*.

I therefore propose a May Term Seminar on this early period. I envision reading and discussing six plays (three or four comedies, one or two history plays, and one tragedy) and the sonnets. The seminar will consider no more than we play used in English 36, and 8 students who have taken Shakespeare courses and do not fear duplication. Students who are new to Shakespeare will receive a substantial introduction to his work, and will become well prepared for further study, be it on their own, in English 36, or in other future courses.

Sawyer, 9 a.m.

HISTORY 65 - The War for American Independence

The War for American Independence was one way American colonists viewed the events of 1775-1781. This class will seek to define patriot social life and military strategy. The course as now planned will include some on-campus work and two trips of about ten days each. One trip will include the areas of Boston, Saratoga, New York City, Trenton, and Philadelphia. The other trip will visit Guilford Court House, Cowpens, Charleston, and Yorktown. Students are encouraged to use room and board fees for the trips. Additional trip costs may reach \$50-\$100.

Piper, Arranged, Cost Approx. \$50-\$100.

HISTORY 66 - Rebellion in the Colonies

This course will seek to define Tory social life and British military strategy. To the British and their Tory sympathizers in America, the war from 1775 to 1781 was a simple question of law and order. The course as now planned will include some on-campus work and two trips of about ten days each. One trip will include the areas of Boston, Saratoga, New York City, Trenton, and Philadelphia. The other trip will visit Guilford Court House, Cowpens, Charleston, and Yorktown. Students are encouraged to use room and board fees for the trips. Additional trip costs may reach \$50-\$100.

Larson, Arranged, Cost approx. \$50-\$100.

MATHEMATICS 6 - Elementary Geometry

All aspects of Euclidean Geometry, which are needed by elementary school teachers are covered in a modern, but informal, fashion. Subjects include: geometric objects, measurement, symmetry, similarity, parallels, and coordinate geometry.

Catchell, 9 a.m.

MATHEMATICS 60 - History of Mathematics

A survey of the historical development of arithmetic, algebra, trigonometry and the beginnings of analytic geometry and calculus.

Feldmann, 9 a.m.

PHILOSOPHY 5 - Practical Logic

A general introduction to topics in logic and their applications to practical reasoning, with primary emphasis on detecting fallacies, evaluating inductive reasoning, and understanding scientific methods.

Whelan, 9 a.m.

PHILOSOPHY 14 - Contemporary Moral Issues

An introductory philosophical examination of a number of contemporary moral issues which call for personal decision. Topics often discussed include these: the good life, obligation to others, sexual ethics, abortion, suicide and death, violence and pacifism, obedience to the law, the relevance of beliefs to morality. Discussion centers on some of the suggestions philosophers have made about how to answer these questions.

Herring, 9 a.m.

PHILOSOPHY 61 - Philosophical Issues in Literature

An examination of some of the philosophical issues which occur in literature. The specific issues to be discussed will depend partly on student interest and response, but several possibilities are: the theme of man's freedom and/or responsibility as manifested in Sophocles' *Oedipus Rex*; the problem of personal identity as it occurs in Kierkegaard's *Metaphysics*; the conflict between humanistic and utilitarian ethics as it occurs in Dostoyevsky's *Crime and Punishment*; the problem of evil as it occurs in Dostoyevsky's *Brother Karamazov*; the nature of "freedom" as it is described in Golding's *Lord of the Flies*. No prerequisites.

Crittch, 9 a.m.

PHYSICS 61 - Men of Physics

The aim of this course is to emphasize that the great men of science—and among them physicists—have been human beings driven by a desire to understand nature and the world about us. The course will consist of reading biographies of outstanding scientists (not necessarily physicists) from Galileo to the present. The students will be expected to write a review of each biography after consulting with the instructor. This is essentially a home self-study course. The instructor will be available particularly for clarification of those parts of the biographies related to physics.

Smith, 9 a.m., Cost About \$20 if biographies not available in library.

SUMMER SESSION

begins June 9 and ends July 18.

Course offerings and other information available on request to the Director of Special Sessions.

PHYSICS 65 - Observational Astronomy

This course will provide students with the opportunity to make a variety of astronomical observations—both with and without telescopes. Those students having cameras will be encouraged to use them to obtain photographs of celestial objects for additional study. The planetarium will be used to acquaint students with the two major systems of celestial coordinates so that they will be able to locate objects in the sky from published coordinates. Each student will be expected to write a paper on some object or class of objects that he has studied in detail. Note: Interested members of the local community are invited to enroll.

Erickson, 7 to 10 p.m., Cost: About \$10 to \$20 for charts, tables, and handbooks, plus any photographic supplies that individual students may choose to use.

POLITICAL SCIENCE 61 - Political Fiction

What do we mean by "political fiction"? How does it differ from other forms of expression? Can it enrich our understanding of American government and politics? We will attempt to answer these questions by focusing on the novel as a political genre. Students will be asked to write several short papers. An understanding of American government is helpful but not necessary.

Erickson, 9 a.m., Cost approx. \$15.

POLITICAL SCIENCE 62 - Current Politics: Writing

World political problems of our time as covered in the news media. The student will integrate background materials into analyses of the news, giving him/her intensive writing practice under an experienced news editor. There will be neither texts nor exams, but written assignments due every class period.

Roskin, 7 to 10 p.m., Cost: books approx. \$10.

PSYCHOLOGY 10 - Introductory Psychology

An introduction to the empirical study of human and other animal behavior. Areas considered may include: learning, personality, social, physiological, sensory, cognition, and developmental.

Loomis, 9 a.m.

PSYCHOLOGY 30 - Social Psychology

An examination of behavior in social contexts including motivation, perception, group processes and leadership, attitudes, and methods of research. Prerequisite: Psychology 10.

Catt, 1 p.m.

PSYCHOLOGY 61 - Physiological Basis of Learning Disabilities

Course would attempt to introduce to the area of Learning Disabilities Studies with an emphasis on the physiological manifestations of this genre of learning problem. Further, some simple diagnostic techniques involving "soft" neurological signs would be examined and critiques as well as demonstrations of "hard" signs and characteristic behavior.

Brittain, 9 a.m.

PSYCHOLOGY 62 - Psychology of Disasters

The scientific literature of disasters will be read and discussed. Students will attend training sessions given by disaster workers of both governmental and private agencies to prepare them for volunteer or paid jobs with disaster agencies.

Hancock, 9 a.m.

PSYCHOLOGY 64 - Hypnosis

Research in an altered state of consciousness. An in-depth survey of current hypnotic phenomena involves study of the history and theory of hypnosis and demonstrations of various standard hypnotic experiences including age-regression, amnesia, post-hypnotic suggestion, physical and sensory effects. Discussion will focus on hypnotizability, practice effects, and the "importance" of various induction procedures. Students will be hypnotized on a voluntary basis only.

O'Brien, Arranged.

RELIGION 60 - Cultural Tour of the Middle East

A study in depth of both the ancient and modern Middle East. The history, art, social and political problems and the influence of religion in the area is studied through visits to museums, archaeological and historical sites and the instructor's guidance. Capitals and their surrounding areas as planned for the itinerary: Istanbul, Beirut, Amman, and Jerusalem (the Sinai). An opportunity to become familiar with classic Greece and Rome through visits to Athens, Rome (and Pompeii), and Florence. The group returns to the States via Paris.

Guerra, Arranged, Cost Approx. \$950.

Deadline March 31.

RELIGION 68 - Story and Theology

An exploration of the newest trend in theology, the study of the role of the story and storytelling in relation to reflective theologizing. With the demise of systematic theology the return to the narrative promises new ways of dealing with theological problems. The course will deal with such questions as: What happens when we hear or tell stories? What is my story and how can I tell it? And why should I? What is The Story? What role do stories play in character formation and decision making? The instructor's input will come from his current study of the story of Carl Gustav Jung, the Swiss psychoanalyst. Each student will be encouraged to investigate a story and/or prepare his own story.

Neuffer, 1 p.m.

RUSSIAN 60 - A Cultural Tour of the U. S. S. R.

Under the arrangements with the State Bureau of Tourism of the USSR, the Lycoming Group will visit Leningrad, Moscow, Novgorod, Zagorsk, Kiev, Odessa, and Lvov. Excursions and sightseeing tours of the Hermitage, Winter and Summer Palaces, Moscow State University, the Krem-Lin, Lenin Mausoleum, Tretyakov Gallery, St. Sophia Cathedral, etc. The group will also visit Denmark, Finland, and Hungary. Arrangements can be made for anyone wishing to remain in Western Europe after the official end of the trip. Open to all interested persons. Duration of the tour is approximately May 5th to June 5th. Course credits will be obtained in Economics, History, Fine Arts, Political Science, Sociology or Theatre. See instructor for further information.

Winston, Cost: \$850-\$900. Deadline March 31.

SOCIOLOGY 60 - Sociology Field Experience

Course involves a sociological-anthropological experience in the analysis of a tri-cultural community (Anglo-Spanish-American, Indian of Espanola, New Mexico). Week days spent in interviewing members of the community. Weekends spent in sightseeing in area.

McCrary, Arranged, Cost Room & Board, Transportation \$425.

SOCIOLOGY 61 - Urban Confrontation

Course combines Criminal Justice System and women's movement. Focus is learning via direct observational interaction with various segments of C. J. S. and feminist organizations. Includes two week classroom preparation, one week in New York City, one week evaluation.

Strauser-Wetz, 9 a.m., Cost Approx. \$150-\$175.

SOCIOLOGY 66 - Shamanism and the Teachings of Don Juan

A shaman, literally one who is excited, moved or roused, is a term used by anthropologists to denote a man or woman who is in direct contact with the spirit world. This course will examine the cultural manifestations of shamanism in several societies as well as various theoretical perspectives in order to gain some understanding of the phenomena. Particular emphasis will be given to the recent operation of the anthropologist Carlos Castaneda under the direction of the Yaqui shaman Don Juan. Rather than simply attempting to "explain" shamanism, the course will focus on the question of what can be learned from the shamanic experience.

Wilk, 9 a.m.

THEATRE 60 - The Search for Dionysus

A cultural and artistic trip to archeological remains of Greek and Roman theatres in Greece, Italy, and southern France. This course is designed to investigate the nature and origins of theatrical presentation as well as to explore the culture and backgrounds of the roots of Western civilization. Cities to be visited include Athens, Delos, Delphi, Epidaurus, and Knossos in Greece; Rome, Fiesole, and Florence in Italy; Orange, Arles, and Lyons in southern France.

Falk, Arranged, Cost Approx. \$890-\$900.

Deadline March 31.

SPECIAL 60 - Introduction to Coaching of Athletics

Designed for the student who plans to become involved in Athletics. It is to introduce the student to problems, responsibilities, techniques, and methods in organization, administration, and teaching in athletics.

Burch, 9 a.m., Cost Textbook \$7.

SPECIAL 61 - Theatre and Music in London

The course brings the student into direct contact with aspects of the current theatre and music scene in London. The core of the course is attendance at and evaluation of performances of at least six plays, two operas, two ballets, and two concerts. Students have opportunities to visit and to hear from practitioners in the arts. A lecture-demonstration in music, a visit to a theatre academy, and a music academy. A trip to Stratford-upon-Avon is optional but encouraged. Students have opportunities to visit places of historic interest.

Falk and Morgan, Arranged, Cost Approx. \$550.

Deadline March 31.

Application for Admission to 1975 MAY TERM - LYCOMING COLLEGE

Name _____ Social Security No. _____
Last First Middle
Home Address _____ Telephone _____
Street
City State Zip Code

Course You Wish to Take _____

Will you want credit? _____

Mail to: Director of Admissions, Lycoming College, Williamsport, PA 17701

