Humanities changes approved by faculty

By Mike McNamara

A new program in the Humanities, Arts and Social Sciences, approved by a vote of the faculty Wednesday afternoon, will take effect next September.

The faculty approval of a motion from the Committee on Educational Policy to accept the new program was unanimous.

The faculty also amended their Rules and Regulations to allow CEP membership for the Associate Provost.

The new program (for the complete text, see page 2) provides for a 72-unit requirement business conducted in the two-semester format, approved by a vote of the faculty. The amendment, according to an accompanying statement, was in- tended to "ensure that all students take at least three obviously humanistic subjects some time during their MIT career." [end of original]

The amendment was defeated by a vote of 81 to 76 after an hour of debate. The faculty then approved an amendment, proposed by Professor of Mathematics William T. Martin which modified the wording of the Distribution definition. The amended provision was passed unanimously.

Introduction flexibility

The first business conducted by the faculty at the monthly meeting was the amendment of the Rules and Regulations of the Committee, approved by a vote of the faculty. The amendment, according to an accompanying statement, was intended to "ensure that all students take at least three obviously humanistic subjects some time during their MIT career." [end of original]

The Bigg amendment was defeated by a vote of 81 to 76 after an hour of debate. The faculty then approved an amendment, according to an accompanying statement, to "ensure that all students take at least three obviously humanistic subjects some time during their MIT career." [end of original]

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Fac changes humanities

(Continued from page 1)

Professor of Nuclear Engineering Elias Yoffgood, chairman of the faculty, introduced the CEP's motion to accept the new Humanities requirement. Stating that "the momentum of the change is now, " he urged the faculty to "get moving for next fall" and act on the proposal as soon as possible.

Speaking for the proposed requirement, Dean of the School of Humanities and Social Sciences Harold Hanham stated that he felt it was "a proposal which is flexible enough to allow us to move toward an establishment of a committee to administer and monitor the requirement. It would allow us to look at the problems of the requirement from year to year, not just every twenty-five years."

The new requirement, Hanham continued, "would allow us to end up with an interesting range of humanities subjects, not narrowly defined. This, he said, would break away from "a tendency towards rigidity that affects the humanities programs at many schools."

"We want to try to develop courses peculiar to MIT's needs," Hanham stated. "If we get stuck in a narrow humanities mode, we will tend to look back at what was done in the past, and not forward at what we can do."

Educational priorities

Biggs contended that the proposed requirement was "missing a set of educational priorities that would tell students what we want to emphasize in their education."

"There is a need to ensure a place for humanistic styles," he said. His amendment, which would establish five criteria in which a subject must meet to be considered a Distribution subject, would help to provide those priorities

Biggs concluded. "I don't think that's too much to ask."

The faculty debated the Biggs amendment for over an hour, with much of the discussion centered on how restrictive the proposed criteria might be. Head of the Philosophy Department, Professor Richard Cartwright stated that under the proposed criteria "No course now taught in the Philosophy Department would be eligible. No ordinary Shakespeare course would meet the standards, and I am certain that introductory music would not meet these standards."

He added: "Where are the courses that will meet this amendment?"

Biggs replied that he had found 50 courses in many different fields that would meet the criteria he set forth. "The faculty said that if you offer a broad enough course to eliminate coercion," he said.

The faculty voted on the Biggs amendment, which was defeated by a 7-6 margin. Martin then offered his amendment, which a changed the word "humanistic" in the proposed distribution of Distribution subjects. The faculty accepted Martin's motion.

Two further amendments to the proposal that accompanied the Humanities requirement were tabled until the April meeting of the faculty.

THE NEW HUMANITIES PROPOSAL

MIT provides a substantial and varied program in the humanities, arts, and social sciences which forms as essential part of the education of every MIT undergraduate. Through this program, students can deepen their knowledge of a variety of cultural and disciplinary areas and develop the potentialities, sensibilities and skills vital to an effective and satisfying life as an individual, a professional and a member of a society.

More specifically, the objectives are realized by a course of study in two of the following fields: (1) skill in communication, both written and oral; (2) knowledge of human cultures, past and present, and the areas within them which have influenced one another; (3) awareness of concepts, ideas and systems of thought that underlie human activities; (4) understanding of the political, economic, and legal frameworks of society; and (5) sensitivity to modes of communication and self-expression in the arts. Work in these areas will, whenever appropriate, display a special concern with the relation of science and technology to society.

The student's program in the humanities, arts and social sciences is based on the following requirements.

1. Every candidate for a baccalaureate degree must have completed a minimum of eight term subjects in the humanities, arts and social sciences, normally at the rate of one subject each term.

2. Distribution. At least three of the eight subjects must be chosen from specially designated fields in the humanities. The three subjects are to be selected from three separate fields from the list below, and may be taken at any stage appropriate to the rest of the student's program.

3. Concentration. Before the third year, each student selects a Field of Concentration. The requirements for Concentration are set by Field and consist of either three or four subjects closely related to that field. An individual's program of Concentration is arranged with the advisor assigned in the Field. A maximum of one Distribution subject must be used as a Concentration subject. Approval of an advisor designated by the Dean of Humanities and Social Sciences; this approval must be obtained ahead of time, before the desired combination of subjects has been completed.

The following Fields of Concentration are currently offered: Anthropology and Archaeology, Creative Writing, Economics, Environmental Studies, Foreign Languages, History, History of Art and Architecture, Labor in Industrial Society, Linguistics, Literature, Music, Philosophy, Political Science, Psychology, Urban Studies, Visual Arts and Design.

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Ten in all, by Monroe, Lettvin, Sagan, Wood, Margulis, and Sweezey. Work with members of the audience in interesting situations. May be held any time at Poleroid, 740 Main St. For further info, please call Karen Houston at 864-6090, ext. 2960.

PRINTING COPYING REDUCTIONS COLLATING BINDING PRINTING COPYING REDUCTIONS COLLATING BINDING PRINTING COPYING COLLATING BINDING PRINTING REDUCTIONS COLLATING BINDING PRINTING...
By Bill Conklin

French House and German House may share one floor of newly renovated Ashdown next year, and then move into the new dorms. According to G.D. Nelson, Assistant Professor of Foreign Literature and Linguistics, there has been interest in French and German Houses even since Russian House was started. "It's been in the works for four years now," commented Nelson, German House's faculty advisor.

"I'm not as organized as German House or Russian House." According to Don Proper '76, French House is still far short of French House at this point, but we just got the okay from the Dean's Office a few days ago. We're putting up posters and sending letters to people who have taken French here. We're not that worried about getting enough people.

"This is the culmination of an effort that's been going on for a while," said Herman. "The space problem has been the main thing. When Burton House was renovated, Russian House, which was older and more organized than either French or German House, was able to get an entry there. This is the first chance we've had since then."

German House has had 15 to 20 people living together in various fraternities and dorms during IAP for the past four years. During this time, they have had dinners, readings, guest speakers, and outings, according to Herman. "I would guess there will be a bigger turnout for French than for German," commented Marcia Kaufman, Assistant Professor of Foreign Literature and Linguistics, and French House's faculty advisor. "Many freshmen come to MIT with four years of French at this point, but we get many foreign students who speak French."

French House will hold a meeting on Thursday, April 4 at 4:40 pm in 14-225 for all who are interested in joining the house. Kaufman didn't feel that there would be any problem in getting enough students. "We're starting with modest expectations," she said, "and if things improve from there, well, much the better.

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Commentary: Elsberg: priorities of the press

By Steve Wallman

A column on the Elsberg lecture was written last week by Mike McNamara. In McNamara’s quote, he expressed his concern over the treatment of the press by the Student Center Committee (SCC) and the projected results of the Student Center’s (SCC) hearings. He also expressed his concern over the alleged “discrimination” against the press. McNamara’s ego being bruised, the press asserted it had not been required to talk with him.

As for McNamara’s “exclude-the-press” policy, he was informed that if he wished to sit in the orchestra area, he could wait until the other MIT press corps had cared enough to arrive early, secure in the knowledge that he was reserved a seat in the loft anyway. This, in general, is the policy that the SCC thought was proper, not far cry from “discrimination against the press.” McNamara’s ego being bruised, the press asserted it had not been required to talk with him.

Dial 190, and wait

If you’ve tried to make a long distance phone call within the last one hundred eighty days, you’ve undoubtedly come to the conclusion that all the operators are dead or unconscious at their switchboards. If you were sufficiently tenacious (in my case, downright stubborn) and let it ring for扑克 cards from five to twenty minutes (slightly less during the day), I), and beheld, a real live operator answered! The operators will only tell the irate caller (me) that they were “busy,” and they’ll throw away your cards, or say “busy with other calls.” (Cursing at them only gets you back where you started: a dial tone.)

But being skeptical (besides tenacious, rate, I threw a bucketful of switchboards. I was through an operator and two supervisors up till I got through to the net. The only official to tell me how many operators are on duty at any particular time was the switchboards. I was told that the (however many operators were on duty), I usually had to wait over ten minutes for an answer, the assured me that the number of operators was sufficient. I countered that it was not, certainly not enough, and that and some people at MIT (who witnessed my conversations) were becoming very upset about the quality of service. She replied with a decidedly unanswer, she assured me that the number of operators was sufficient.

The only salve that I have found for the headaches of being on the NET is to continuously dial 190. The NET switchboards are designated for recy-

Case of Insomnia

By Storm Kaufman

Being a person who is easily annoyed, I am dissatisfied by many of the various complaints about things around MIT. One of the complaints is directed at the editor if I did not take an opportunity to tell you about some of them, but to make the editor aware of them. I am also attempting to get the other side in each instance.

Reprinting

If you’ve been wondering what’s been going on this week, you’ve undoubtedly come to the conclusion that all the operators are dead or unconscious at their switchboards. If you were sufficiently tenacious (in my case, downright stubborn) and let it ring for扑克 cards from five to twenty minutes (slightly less during the day), I), and beheld, a real live operator answered! The operators will only tell the irate caller (me) that they were “busy,” and they’ll throw away your cards, or say “busy with other calls.” (Cursing at them only gets you back where you started: a dial tone.)

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A T r

THE TECH
3/11/74

Larceny of a typewriter. Complainant reports the theft of an IBM Selectric electric typewriter from Building 6, valued at $300.00. No sign of forced entry. Patrol division notified.

3/7/74

Report of a (2) bicycle theft from bike rack between Buildings 2 and 14. Four youths were observed fleeing area with bolt cutters and two bicycles.

1/8/74

 Attempted larceny of a motor vehicle. Patrol reports that at 1:15am they observed a car parked in the Hermann Garage with the left front vent window broken. It appeared that entry had not been gained and that the thieves had been frightened off by reapparance of patrols.

3/8/74

Report of the larceny of a slide projector (personal property) plus one tray of slides from Building 9 sometime on 3/5/74. Complainant states tsurprise in color, one year old and valued when purchased at $65.00.

3/10/74

Report of an unsuccessful attempt to steal a typewriter from Building 6. Attempt was foiled by having machine "bolted down."

3/11/74

Representatives of the New England Telephone Company report the larceny of a grey answering set and assorted tools from Building 39. Valued at $575.00.

3/12/74

Report of a wallet theft. Complainant reports that while rehearsing in the main auditorium at Kresge her wallet was removed from her knapsack which she had placed on a front row seat. Wallet contained $7.00 and a check for $2.00 and other personal papers, etc.

3/12/74 - 1:25am

Apprehension and subsequent arrest of two persons on Dana St. between McCormick Hall and Inman. Investigation revealed subjects were in possession of a stolen motor vehicle and were attempting to break into the trunk of the car when surprised by patrol.
3/13/74

Report of larceny from the Pierce Boathouse. Complainant reports that sometime between 3:00pm and 5:30pm on 3/12/74 that persons unknown removed $73.00 from his unlocked locker at the Boat House.

4/7/74

Larceny of assorted tools from Building 6. Attempt was foiled by having machine "bolted down."

This year, the annual insanity design competition of 2.70 (Engineering Synthesis and Design) was "The Watergate Contest." Students, given a kit containing a variety of useless materials, were required to build a vehicle to deliver a marble to the end of a six-foot trough in the least time. High score was based on a complicated formula involving accuracy — getting the marble in the end, or "76" gates — and least time from release of carrier. Timing of the run was accomplished by the marble breaking a laser beam in the trough bottom to indicate end of run. Students were also required to set up their entry within thirty seconds, subject to a penalty to be deducted from their score. The winner was Tom Birney '76 (also a member of The Tech) whose entry put the marble in the last "76" gate in a time of 2.07 seconds. Shorter times were reached but the accuracy scores were not sufficient. Many students who did well in practice were handicapped by the pressures of competition, and much credit should be given to all of the 70 participants (out of 95 enrolled in the class) who spent a good deal of time and effort in entering "The Watergate Contest." Previous years' 2.70 competitions involved Water-Waiters and Moustrap cars.

Photos by Richard Reihl

Michael Tilson Thomas conducts a
Boston Symphony Spectrum Concert
Thursday, April 11, 1974
8:30 pm.

Three Centuries of Drama in Music
Wendy Hilton dancer
Caths Berberian mezzo-soprano
Michael Wagner speaker
Bach Suite no. 1
Schumann Weber
C.P.E. Bach
Bergn Recital
Melodramas with Piano
Ticket Prices:
57.50, 56.50, $4.50 and $3.00

Tickets available at Symphony Hall (266-1492)
The internationally known Kathak Dance Company of North India will give a performance at 8pm on April 3 in Kresge Auditorium. The program is the first public event sponsored by MIT's new Center for Asian Music and will be presented in conjunction with the 26th annual meeting of the Association for Asian Studies to be held April 1-3 in the Statler-Hilton Hotel, Boston. General admission tickets will be $3. Tickets for MIT and Wellesley students will be $2 on presentation of identification cards.

Classes in Kundalini Yoga will be held Monday, Paril 1 from 1-3 and 2-3, in the lobby of duPont. Registration is necessary and notification cards will be delivered to the nominee's department, the Undergraduate Association, or the Graduate Student Council. The nominee must have earned a Ph.D. in psychology, philosophy, or a related discipline.

By Dave Danford
1894 pints were collected in the MIT Spring blood drive according to Gall Rubin '76, TCA blood drive publicity chairperson.

Undergraduates donated 740 pints, or almost two-fifths of the total, according to TCA figures. Graduate students accounted for 17%. Draper Lab and institute employees both donated over 200 pints, 12% and 11%, respectively. Staff donated 155 pints, while faculty supplied an even 100. Spouses and other donors gave the remaining 17%. The total donation from MIT since September now comes to 3811 pints.

The Spring drive marked milestones for sixty donors, who as of this donation, have given exactly one, two, or three, or four gallons. The one new four-gallon donor is Dario Franchitti Sr., a Draper Lab employee.

Rubin expressed TCA's thanks to the Tech Matrons, Tech Wave, Personnel Office, and the staff of The Tech, Tech Talk, and Thursday.

NOTES

* The Young Socialists are sponsoring a book and record sale in the lobby of building 10 between 10am and 2pm today.

* Today is the last day for seniors to specify an elective for pass-fail grading.

* The Rocket Society of the Massachusetts Institute of Technology will host the seventh annual Technical Model Rocketry Convention, Friday (March 29) through Sunday (March 31) in the MIT Student Center. Highlight will be a rocket launch Saturday (March 30) at 8am on Briggs Field, according to Geoffrey Landis, a freshman at MIT from Winooski, III who is convention secretary. During the launch there will be a boost-glide competition -- gliders launched from airborne rockets and judged on duration of flight. Other competitions during the convention will be plastic model rockets, judged primarily on appearance, and research and development projects in model rocketry, judged on practicality and execution. The research projects will be presented in ten minute oral reports.

Career opportunities exist in application engineering. We are also looking for potential candidates for our management training program which offers in-depth training in a variety of key functional areas over a two year period, leading to a career in one of several areas.

We are looking for strongly motivated individuals with a Bachelor's degree in Mechanical, Chemical, Industrial or Manufacturing engineering. Please contact the Placement Office, 10-140 for more details.

We are an affirmative action/ equal opportunity employer.

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**Technical Notes**

By Steven Kaufman

RCA predicts that a system of field-based transoceanic air traffic information may be necessary to prevent international flights from stran ging on itself. The requirement for improved transoceanic control could be met by the addition of capital CTV systems to RCA's existing terminal radar (Aeronet) being initiated jointly by the US, Canada, and the other nations. The capital cost of the terminal radar is $10 million, and the number of additional time segments at night may be included by 1980.

The large a CTV eye view is this: when an image is focused on the CTV, the eye's electronic elements transform the picture into individual charge packets, which are then rapidly read by charge transfer techniques. The resulting information can then be processed and displayed at a TV rate. In the RCA CTV, half of the elements from the imaging array and the other half are for storage and readout.

RCA and McDonnell Douglas have signed an agreement for the aerospace firm to augment the RCA program on a cost-sharing basis. The new University of the present system. Current communications take 75 to 80% of traffic, and peak traffic periods do not allow direct contact between aircraft and radar; a traffic control center must be used. The system should be implemented by the early 1980s, and the increased precision will allow direct contact between aircraft and radar. A traffic control center will not be required. The system will also provide more precise positioning information for flight planning.

**GOING CAMPING**

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Return of starters, new goalie to help lacrosse

By Glenn Brownstein

Lacrosse, the sport played on two feet, comes to MIT every spring in its intercollegiate version, promising fast, action-packed, and heavy body contact, merely a spectator's dream. Unfortunately, spectators will not be disappointed, as MIT's varsity faces a tough New England schedule with every hope of greatly improving last year's dissatisfying 0-14 record.

Coach Ben Martin, in his 29th year as MIT's coach, feels that this year's squad will certainly improve upon last year's mark, capping off the season with solid defense, adequate attack, and a new goalie, Jeff Singer, '77, who should decisively lower last year's 14.0 goals-against average.

Singer, who played three years in goal at Long Island high school team, should be one of many bright spots on the Engineer roster this spring. Forming the basis for MIT's defense will be co-captain Rock Bye '75, and returning letterman Gerry Tourney '76.

The addition of one or two of the talented incoming freshmen or subs from last year should greatly improve MIT's outfield corps in several years. On attack, the Engineers will have co-captain Doug Singer '77, and returning letterman John Rutter '75 and Bob Conlon '75 converting from midfield into a position last year.

While MIT's biggest problem this year, according to Coach Martin, will be depth, the team's depth is promising. Although the Engineers appear to be set at the starting positions, the bench squad will be quite thin on talent. MIT will definitely face problems in the midfield position, with only three or four experienced players to make up for the inexperience of the various lacrosse teams that require a Midfielder. The Engineers will probably consist of five midfielders and three defensemen. Regardless, the Engineers are looking forward to being one of the top teams in the nation this year.

Debaters triumph in District VIII tourney

The MIT Debate Team of Larry Summers '75 and Jack Segal '75 placed first at the District 8 Debate Tournament held at West Point. District 8 consists of New York and New England states, and this year was the second straight year that MIT won the tournament. In each of the tournament's eight debates there were two judges, with the two teams each receiving 100 points possible. The cumulative scores of the debate were the determining factors, with the team that received the greatest number of points being the winner. For this year, MIT received a total of 568 out of the possible 1124 points. This team now goes on to compete at the National Championships to be held at the Air Force Academy in mid-April.

At the District tournament, the teams debated this year's national debate resolution: Resolved that the Federal Government control the supply and utilization of energy in the United States in order to improve the quality of our environment and conserve and utilize energy resources in the most effective manner. The debate was held at the Harvard University Joe P. Kennedy Field, and was judged by George Hall, and Northwestern's John Birney.

The MIT Debaters now have the opportunity to compete for the National Championships to be held at the Air Force Academy in mid-April.

This year's IM swimming meet was held at the Alumni Pool over three days this year, with trials on Tuesday and Thursday of last week, and finals last Saturday. Shown here is 100-yard backstroke champion Mark Thorne-Thompson '78 of Delta Tau Delta fraternity. DTD went on to win the team championship with 74 points as well as a number of individual events, Delta Upsilon finishing second.

Golfers going to Georgia

By Bobby II Jones

This spring could easily be the best season the MIT golf team has had in a long time. The fall season record and improvements like changing to a much nicer and closer home course indicate that the team's standard of accomplishment will be several notches higher.

The team normally takes a trip to Florida for two weeks, one of which overlaps the MIT Spring break, to play schools around the Miami area and other schools from the Midwest whose players are also down there to get in shape. This year, the trip was jeopardized by the gasoline shortage. After waiting to see if the situation would ease or worsen, it was decided to cut the trip short and go to Georgia instead of Florida. Furthermore, to allow three other players to go along, the first plan calls for five players to fly and five to drive. The three extra will drive both to and from Georgia while two of the seven starters will drive down and two other starters will drive back with the three extras.

While in Georgia, the players will face 36 holes of golf a day. The players going on the trip include starters Gordon Deen '74 (captain), Greg Turner '74, Dave MacCartney '74, Pete Wolcanski '76, Jim Harrison '76, Bob Nilsson '76, Leo Bonnell '77, and alternates Alex Pankow '77, Bob Kinnel '77, and John Nugent '77.

Preparation for the coming golf season began in January when schedules were set for regular winter sessions of running and golfing balls into a net inside Rockwell Cage. This regular winter schedule will continue until the team goes south to Georgia on Saturday, March 23, for their intensive spring training.

Golfers expect good year

By Dan Gantzi

With regulars returning at seven of the nine positions, MIT's varsity baseball team should fare pretty well during the upcoming season.

Although the Beavers play one of the roughest schedules in New England, Coach Fran O'Brien is not at all pessimistic about his team's prospects. Citing a veteran infield, a solid outfield, and two top starting pitchers at his major assets, Coach O'Brien is sure that MIT will at least "be in every ballgame."

After experiencing some difficult defensively last season, the infield appears to have finally jelled. Anchored by Greater Boston League all-star and team captain Dave Trefeth '74 at second, and third-year starter Herb Kummer '75 at first base, the gaps at short and third should be ably filled by Mike Dezenek '76 and Vince Macconi '76 respectively, both with a year's playing experience to draw upon.

Left fielder Kevin Rowland '74 and Steve Reber '74 in center both have plenty of varsity experience to team with Roy Henriksen '76, a newcomer in right, to provide a potent outfield both at bat and with the glove.

The only big question marks concern the battery. Bob Train '74 will take over the catching chores from last year's captain and should be more than adequate. However, some problems are presented by the pitching. While Dave Yauza '75 and Mike Royal '76 are excellent starters, a lack of depth beyond these two becomes painfully apparent. Hopefully, the schedule calls for 24 games in a seven week span, far too much work for these two to handle.

Coach O'Brien, however, does have a pool of personnel from which to draw for the mound chores, among are Don Proper '76, Ken Smith '77, Scott Pounds '77, Shun Yoshida '76, Pete Wolcanski, '76, and Vince Macconi. Hopefully, one of these will emerge to share the bulk of the pitching.

The Beavers travel to Florida this weekend to open their schedule, and make their New England and Greater Boston League debut on Saturday, April 2 at Boston College.

By Dan Gantzi

Baseball is one of the roughest seasons for a team, and the MIT varsity baseball team is no exception. While in Georgia, the players will face 36 holes of golf a day. The players going on the trip include starters Gordon Deen '74 (captain), Greg Turner '74, Dave MacCartney '74, Pete Wolcanski '76, Jim Harrison '76, Bob Nilsson '76, Leo Bonnell '77, and alternates Alex Pankow '77, Bob Kinnel '77, and John Nugent '77.

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