Bureaucracy Overcome?

by Sanjiv Chadha

There are some things in life that just don’t change. Take bureaucracy for example. Bureaucrats are extremely consistent in their indifference to the problems of the lesser sorts. We have no reason to believe or hope that they can be different at IIT. No reason whatsoever.

In our last issue we published a letter from some concerned dorm residents who were worried about the possible fire hazard that could be caused in the dorms and we even printed a picture to that effect. For this issue we decided to get our facts from Al Hassane who is the Fire Protection Co-ordinator in the dorms.

According to him, IIT had decided that the washing machines and dryers should be replaced by new ones from Bechtol Company. This was sometime in the summer. Somehow, approximately half the number of driers were replaced and the other were expected to be done later when the Fall semester started (They have been installed just before we go to print).

What is normally done in such circumstances is that the unused gas pipes are plugged by a piece of pipe. This prevents any gas from leaking or any other disaster from occurring.

Newquist began by pointing out that the students were able to alter their grade point average by simply repeating a course. The following amendments were made to the current curriculum:
1) After the Institute’s policies so that 15% restrictions would not prohibit the diligent student.
2) To eliminate the Pass-Fail system:
- Newquist cites the following as the highlights of current policies that represent a curriculum committee compromise;
- Three different courses may be repeated once and may be repeated only if a grade of “D” or “F” was initially received.
- Courses may only be repeated with the consent of the student’s department head, a particular course and/or the head of the department is a course in offered.

The PASS – Fail system, according to the registrar’s and records offices, is still applicable in some cases.

One example: the junior Newquist expressed concern of individual selectivity. Prominent boundary lines exist among various groups: dorm students/residence hall dwellers/apartment dwellers.

Newquist is currently president of the IIT Students’ Association. He has been calling for a change in the curriculum for the past year and a half. His goal is to make the curriculum more flexible and adaptable to the needs of the students.

Washington, D.C. (CPS) – The budget cuts which President Ronald Reagan signed into law August 15th included sweeping changes in most federal student aid programs. The changes in the major programs are outlined below.

Students who apply for grants after August 23, 1981 will have to pay a new fee called “loan origination fee.” The amount of the fee is five percent of the total amount of the loan. There will also be a new “insurance fee” amounting to 1.25 percent of the amount of the loan.

All students, regardless of financial worth, used to be able to get GSLAs. But as of October 1, 1981, students from families with annual incomes over $30,000 will have to demonstrate financial need in order to get a GSLA. Congress and the U.S. Dept. of Education are still debating what constitutes “need.”

Students will now get less money than needed, which used to be called Basic Education Grants. Last fall, minimum Pell Grant per year was $1,800. President Carter lowered it to $1,750. Under the new Reagan Act the maximum is $1,670. Congress will raise the total amount in the Pell Grant pot from $2.9 billion this year to $3 billion in fiscal 1984.

The interest rates on National Direct Student Loans will go from four percent to five percent annually. In congressional studies, financial directors were told a $100 million NDSL appropriation would be reduced to the budget. It wasn’t. When the program was finally re-funded, however, the appropriation was $4.9 million lower. Congress will keep it lower. It made no increases in NDSL funding (current is $286 million) through 1984.

Congress also resolved not to increase funding for Supplemental Educational Opportunity Grants for at least three years (current funding is $370 million; College Work-Study for three years (current funding is $550 million); State Student Incentive Grants for three years (current funding is $77 million); Trio Programs for the Disadvantaged for two years (current funding is $13 million).

After October 1, 1981, interest on Parent Loans will rise from nine percent to 14 percent per year. Interest is now tied to the interest rates paid on Treasury notes. If they fall below 14 percent and stay low for a year, then Parent Loan interest rates will fall to 12 percent. Despite much debate, Congress decided to let independent students’ situations between those getting through college on their own - keep taking

Out Parent Loans. But the indepen- dent student can’t get more than $2,500 per year in combined Parent and Guaranteed Student Loans, or more than $12,500 total through a college career.

The administration originally wanted to stop school Social Security benefits to the 800,000 students who currently qualify for benefits if their covered parents are disabled or deceased. A compromise kept benefits intact this year. The amount of the benefits will be cut by 25 percent in fall, 1982. No new students will qualify for Social Security benefits as of then.
If you’re going to take grueling business courses, you’ll need all the help you can get.

You’ll need a financial calculator made by the people who invented the handheld financial calculator and have led the way ever since. You’ll need a calculator with all the functions and power you could ever require.

You’ll need a Hewlett-Packard.

The HP-38C. All the help you can get.

The HP-38C Advanced Financial Programmable with Continuous Memory gives you the most extensive set of financial functions available in a handheld calculator. And, an easy-to-use programming capability.

So visit your nearest HP dealer for a hands-on demonstration. And check out the dynamic HP-37E business model, too. Then buy an HP. It may be the last easy thing you do for a long time.

For details and the address of the dealer in your area, call toll free:
800-547-3400, Dept. 658N, except Hawaii and Alaska. In Oregon, call 758-1010. Or write Hewlett-Packard, Corvallis, OR 97330, Dept. 658N.
announcements

ASME Meeting
The American Society of Mechanical Engineers (ASME) will have their monthly meeting on Tuesday, September 22nd, from 12:10 to 10 p.m. in room 102 EJ.

On Wednesday, Sept. 23, ASME is sponsoring a hot dog sale outside the HUB Cafeteria. All proceeds will go towards the hallways.

All ASEME events are open to IIT students, staff, and faculty. New members are always welcome. The ASME office is located in room 12 EJ.

Science & Religion
"Perspectives on Science and Religion", a student-faculty forum devoted to assessing the intersection of science and religion, produces the 1981 Science and Religion Forum. The program is tentatively scheduled for each Tuesday at the same time and place.

Each week panelists, including visiting guests from here and abroad, will explore the theme and discuss the topic. The first topic is "Theological Studies" (Issues on Science and Religion) by Professor Ian Barron of Purdue University and Carleton College. Last year's stimulating and informative discussions offer promise of a rewarding experience for those taking part in this year's series. The IIT community is warmly encouraged to participate.

Wisko Speaks
As part of its continuing colloquium program, The Physics Department presents Andrew P. Wisko, Jr., of Vanderbilt University, Nashville, TN, who will be speaking on "The Magnetic Measurements of Cultivated Action". The colloquium will be held next meeting on September 22, 1981, in room 319 Stagg Hall, at 4:00 p.m.

The pro-collaborative social will be in the southeast lounge of the HUB at 3:30 p.m.

Associateship Awards
Approximately 250 new full-time Associateships will be awarded each year based on the competitive examination of the student's record, intelligence, and character, and in the earth, environmental, physical, space, and life sciences.

Most of the programs are open to both U.S. and non-U.S. nationalities. There are no restrictions as to field of study.

Applications to the Research Council must be postmarked no later than January 15, 1982. Awards will be announced in April.

Information about the Associateship Awards and federal laboratories, as well as application materials, may be obtained from the Associateship Office, 910 D101, 2101 Constitution Avenue, N.W., Washington, D.C. 20418 (202) 380-6550.

ECS Lectures
The International Student Club started the new semester with a party in Graduate Lounge. Elections were held last week with the following results: Paul Kaufman - President; Irwin Alford - Vice President; Izzat Calace - Secretary, and Michaelis Papapelou - Treasurer. All international students are invited to attend upcoming lectures which will be posted around campus in the weeks to come.

In the Dorms...
The Master Floor Warden is in Coraline Residence Lounge at 8:00 p.m. the following week featuring: September 26, "A Streetcar Named Desire"; October 1, "Death on the Nile"; and October 8, "The Mouse That Roared".

Arms Too Short?
Saturday, September 26 in Students' Day at the Studebaker Theater, 418 S. Michigan Ave., the perfect opportunity for students to see "Vivace!" Joys ofgyest musical. Your Arms Too Short to Box With God.

Tickets for the P.M. matinee performance are being offered half-price to students in all ages displaying identification. Hurry, Student Day tickets are available now at the Studebaker Theater box office, and will be sold on a first-come, first-serve basis. Your Arms Too Short to Box With God is a combination of song and dance, and a telling of the story that moves through the crucifixion and the resurrection into a glowing celebration with famed gospel singer favorites.

Ticket prices are regularly $21, $19 and $16 for this performance, making the fifty percent discount an impressive value for students ages 12 and up. See the hit Broadway musical based on the book of Matthew,

Co-op Schedule
The Co-op Fall scheduling is now being formed. The following companies will be on campus to recruit registered co-op referred students for the fall. You may get additional information in these and many other opportunities by contacting the Co-op Office at X309 (Parl 311). Deere & Company Wed. Oct. 7 (EE), ME/BE. (SOPH-ME) IBM Wed. Oct. 14 (CS, MGMT/SCI & EE); Hewlett-Packard Thur./Fri. Oct. 15 & 16 (EE, CS, ME or CEE, 1D & MGMT/SCI & EE) Packard Bell Mon. Oct. 19 (SOPH-ME) Continental-White Cap Div. Wed. Oct. 21 (ME); Digital Tue. Oct. 27 (CS & EE); TRW-Cinch Connectors Wed. Oct. 28 (EE); CIA Mon. Nov. 2 (CS & EE); Dow Chemical (ME), overview of the material from the product line. AMSTEL Industries, Inc. Fri. Nov. 6 (ME, MGMT & EE); Bendix-Mot. Nov. 16 (ME).

Two special autumn adventure Bike Treks for Chicago area cyclists are being sponsored by Chicago Long Distance as an incentive for raising funds for long disease research. A two-day trek will be held September 19 and 20 and a three-day trek October 16 through 18. The September event will be 150 miles or 120 miles. The October event will be 250 kilometers/154 miles.

Two grand prize "Fantasy Weekend" vacation packages for two will be awarded. Bike Bicentennial Chicago City Tour, including towers for the rider in each trek with the largest amount of pledged money collected. Each prize package includes lodging for two persons for two nights and a weekend of free admittance to local restaurant coupon and full use of the Holiday Inn’s sports facilities.

Fear No Essay
Grades on your first papers and essay tests lower than you’d like? Free tutoring for any IIT undergraduate with writing problems is again available through the Interdisciplinary Writing Clinic. Students who want help should make an appointment by calling X3466 or by visiting the secretary in 10 LS.

In need of some personal help from Dr. Barbara E. Plamkin and Ms Sue Sherman, instructors in the Humanities Department. Native speakers (students whose first language is English) should get help from Dr. Plamkin, and ESL (students whose second language is English) should get help from Ms Sherman. Dr. Plamkin’s office is in 156 LS, and Ms Sherman’s is in 162 LS.

Students should bring in a sample of their writing for their first appointment, and they should bring at least a first draft of any paper for which they want help.

The clinic also offers self-study: its goal is to make students their own editors; by “cleaning up” general problems with organization, sentences, grammar, punctuation, and so forth.

The clinic does not assist graduate students with their writing problems, but it will furnish them with a list of editors and tutors who will be glad to state their hours and fees upon request. The Clinic itself is free of charge.

BS & P Meeting
The Biblical Studies Prayer group will meet Thursday, September 24 at 1:15 p.m. in room 306 of the HUB mezzanine. Sponsored by the Christian Fellowship, this weekly life program is open to all students, the group is reflecting on St. Paul’s Letter to the Philippians during the Fall semester. The IIT community is welcome.

The Front Page
Goodman Theatre opened its 1981-82 season on October 8th with THE FRONT PAGE, the classic celebration of journalism and political satire in 1920’s Chicago by Ben Hecht and Charles MacArthur. Michael Maggio directed a casts of 24 in on of 1920’s greatest comedies ever written. THE FRONT PAGE is scheduled to run through November 8th in the Goodman Mainstage.

Tickets are available from the Goodman Theatre box office, 200 S. Columbus Drive; by mail order; or by phone at 312/443-3800, TTY: 312/443-3802. (Master Card, Visa and American Express are accepted). For group information, call 312/443-3489.

No Parking
The parking lot in front of the fraternity houses will be closed from Friday the 16th for grading and parking. The lot will be reopened on Monday the 19th. Residents are requested to cooperate with the Authorities by using the IIT parking lot.

We Agree
An excerpt from the IIT Chaplain’s weekly e-mail to all IIT students.

"Perhaps the worst church in all architectural history," Under this several visitors added, "I agree."

Jim Brant
Anything For a Buck
Or, the sad but true story of why IIT students consign their lives to the merry madcap world of the daily campus newspaper.

Oh, God! The indignity of it all. The disinsection. Damn, damn, what you say? What’s the problem? Just take a look at this letter we received at Technology News.

Dear Editor,
We are presently doing business with a publisher of local newspapers. As a manufacturer and merchandiser, we are offering you a deal on the HOTTEST ITEM on the college campuses today, namely green surgical scrubs, exquisite.

As you probably know, hospitals across the country are completely loaded down with a surplus of thousands of scrubs suits.

In order to fill this great demand we would like you to put an article in your newspaper, outlining this new fad, then advertise the availability of the scrubs suit at a real steal; tops at $12.75 each and bottoms at $16.50 each.

Now for your interest: you take the orders and retain $4.25 for each top and $5.50 for each bottom to you. In addition you are to pay 15% of your total take to the newspaper for your newspaper or organization.

Without delay, be part of the "New Hot Fad". For further information, please call collect.

It is quite clear that the man who wrote this letter is trying to create his own little fad to make money. None except a surgeon is wearing surgical scrubs. Who the hell would want to purposely go around looking like Quimby or Gonzo Gorges? If hospitals really are complaining about the disappearance of surgical scrubs suits, then this guy is probably the one who’s stealing them—let’s see what his letter implies.

It seems even our tendency to go down the road ofrn of expenditure for profit. Fads are no longer spontaneous outbursts by a few student members of the general public; fads are now created and marketed by large, usually non-academic, corporations. Our student age is living in everybody’s just out for the quick buck. And the corporation’s ready to exploit and degrade the media—is the watchdogs for the nation for the time being. For this man to think that the editors of this newspaper would go along with his reflection scheme is insulting. The whole matter is disgusting.

Besides, the fad wouldn’t have gone over at IIT, anyway. We probably would have lost money on the deal.
By attending a relatively small university like IIT I had hoped to avoid some of the problems, assumptions and cliches, for the most part I thought my choice was a good one. At some schools of higher learning the professors are so busy with their research grants and publication deadlines that their students receive nothing more than a cursory education. Some big school administrators are so completely removed from students' needs and desires as to sometimes lose sight of the reason they hold their positions in the first place.

I know that institutions like this exist and I'm glad IIT is not one of them. Of course, I'd be the first to point out that campus life here is far from ideal, but it would be unfair to say that the faculty and administration don't do their part in keeping things happening here, and certainly some of the blame thrown around for the lack of excitement in campus life must be left at the feet of the students themselves.

This open up the unsavory topic of student apathy, and an entire editorial could be written on the subject, and probably will be eventually. My subject here, however, is not student apathy but another problem near and dear to all good IIT students, a problem that plagues all bureaucracies large and small: financial aid and its attendant horrors.

My personal encounter with financial aid came about when my tuition bill came: one day before it was due, and there I stood in line for two hours to get mygrant credited, only to be told that it was never registered in my account. I had to fill in a form and stand in another line for another eternity and even as you read this the final form is yet to be filled out in this matter.

While standing in the financial aid line for the two hours I came to realize that most of our lives are spent waiting in line and filling in forms for countless bureaucracies. So I think I've come up with a way that all organizations that deal with forms (I'm not aware of any that don't) could make everyone's life infinitely easier.

What we should do is have everyone send in forms when enrolling in an institution of higher learning much as they do now. Only instead of students attending these bureaucratic seminars, have bureaucrats attend it. That way they can shuffle each other's forms around for the obligatory four years, and when the four years are up the students would receive notice in the mail that their diplomas were ready and that they could pick them up at the next commencement. All they have to do is fill in the proper form.

Letters

Housing Problems

I feel that it is about time that some improvements were made with regards to the housing facilities at IIT. Having stayed here for a reasonable number of years I consider myself to be in a position where I can see that matters are going from bad to worse. I wish that you people would try to listen to the inmates and some of the problems faced by us in the dormitories I understand that there are about 700 plus students in the dorms, but of which there are 200. For such a degree of occupancy we have just two drivers in working condition. Out of them two are in the Lewis basement and hence not accessible to the boys.

I further learn from a reliable source that it is the policy of the housing office to punish students for not staying in the dorms in summer by not providing them with accommodation in the interim period between leaving the fraternities and joining the dorms. Punish indeed.

As far as apartment housing goes the last said about is the better. It is widely accepted that this appeal is a total loss. The number of comments on vagrants are common knowledge. What I fail to understand is that when it is known that a lot of people who are staying in the apartments are not supposed to be there, why isn't something being done about it? Or else, why aren't the students just allowed to apply for them when there is not enough accommodation in graduate hall? It makes sense to make something legit which cannot be curbed anymore.

I don't know if people from the housing office read Tech News any. But I wonder if you could investigate in some of the above mentioned matters.

Name withheld on request

What Social Life?

I have a complaint about IIT. Social life sucks. It's not that there is a lack of events, it's the lack of turnout. At most of the dorm events, there will be less of guys, but few, if any girls. Now I know that this subject has come up time and again, but things here at Tech just haven't gotten any better. This year, I have been actively recruiting females to come to different events, and I always get a favorable reception, but when it's time for action, the ladies don't show. I know that IIT is a demanding institution, but I get the feeling that there is more to lack of turnout than homework.

If the girls here think that the fault lies with us, I would like to hear some complaints and try to remedy the problems. I could go on and on about this, but before I get too spastic, I would like to hear some other opinions.

D.P. #12

Tech Alert

I would like to alert the IIT community to a growing problem among the Student Service Agencies on campus. That is the high turnover rate among Directors and Administrators in such offices as Co-op, Placement, and Financial Aid, with subsequent replacement by inexperienced, often impossible, personnel.

In my mind, these are three important student services—offering one the means by which to finance, develop, and fulfill educational and career goals. Yet too often the best people are passed by in favor of promotion. The administration preferring to hire anew rather than pay a decent wage ultimate to the students' detriment.

I think it's time that the Personal Dept. adequately pay/promote promising middle-level administrators, instead of raising the salary of some superfluous Dean.

Name withheld on request

No Soccer or Mail

Is there any soccer mail service left in the dorms? Last year, all the mail was in the boxes at 1:30 pm, and you could often have it by 1 pm, a convenient time just after lunch and before the 2 pm classes. This semester, you can consider yourself to be lucky if you get it before 3 pm, and I have had to wait until 8 pm for letters that had already been sorted. Does the mail room open only at noon, whereas the mailroom much earlier?

By the way, if you are a foreign student, it is no use to try to play soccer at IIT. Two friends tried and were curtly rejected. The reason? Each time they would touch the ball, it would be lost training time for an American. A most short-sighted view, when you know that soccer is the national sport in many European countries (and in other continents too), and the low level of soccer in the U.S. But after all, I couldn't care less. Lad Coach Wosnik dream of losing one game out of two. (Tech. News. vol. 11, #1, page 8). If this is what he believes to be an "added dimension to the cultural and educational experiences at IIT" (Tech News, op. cit., page 4).

Laurent Lugand

Letters
Concern for the Environment

by John Sheerin

A number of environmental laws are coming before Congress for revision soon and the people of this country must let their representatives know that we do not want these laws weakened. Americans, by an overwhelming majority, are in favor of strong laws to protect the environment and our health; however, the Reagan Administration is going too far. For example, the proposed new standards for auto emissions are step back to the 1977 standards even though bet-
ter standards are already being met by new cars today.

The boost to business does not offset the danger to our environment. The present energy policy—increase the production of scarce fossil fuels—disregards the fact that the large scale burning of fossil fuels causes acid rain. Acid rain lowers agricultural and forestry productivity and makes lakes uninhabitable for fish. Strip mining of coal and shale totally devastates the land, and yet Secretary of Interior James Watt is trying to open up federal lands to development.

The administration's environmental attack is virtually endless. As Americans, we are blessed with a large and beautiful country. The wealth of our country lies not only in our cars and houses, but also in our National Parks and Forests. If we despoil and pollute, we can't suddenly make it all better.

Please support a strong environmental protection program. Our very health, as well as the treasure of our land depends on our actions. Write to your Senator, Congressman, and Smokey the Bear today.

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The Technology News Challenge

Puzzle Two

Using the minimal number of letters, write a single letter into each square of the 8x8 chessboard. However, you can not have two or more of the same letters in the same row, column, or diagonal.

Example:

```
A
B
C
D
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For a 2x2 board you would need 4 letters.
```
A
B
D
C
```

For a 3x3 board you would need 5 letters.

Solution to Puzzle One:

It requires only a bit of thinking and repeated multiplication.

Smallest N equals 105,348,275,862,066,965,515,244,379

William Pedone was the winner of Puzzle One.

The prize must be claimed by noon, Friday, Sept. 25.

DO YOU EVER GET THE FEELING THE OWNERS MAY NOT BE ENTIRELY SERIOUS ABOUT CONTROLLING THE INJURIES IN THIS GAME?

"Hi, there. Q. DUNBAR. FEDERAL AVIATION ADMINISTRATION. HAVE YOU EVER CONSIDERED A CAREER AS AN AIR TRAFFIC CONTROLLER?"
Bowling News

On September 22, from 12-2pm, there will be a meeting and tryouts for anyone interested in joining the Men's or Women's Varsity Bowling Team. The tryouts will take place in the HUB Recreation Room bowling alley.

Volleyball Schedule

Upcoming Matches:
Sept.22, Emmores, home
Sept.24, Addison, home
Sept.29, University of Chicago, away
Oct.1, Thornton, home
All matches begin at 7:30

Chicago, September 17—ITT has been awarded a $200,000 challenge grant from the Kruege Foundation toward the renovation of Gover M. Hermann Hall, the campus union building.

"The planned renovation constitutes the first major alterations to Hermann Hall since its completion almost 20 years ago," said Thomas M. Martin, Jr., president of ITT.

"Not only do the plans upgrade the building to contemporary standards, they also provide visually exciting changes inside the hall.

"We are particularly grateful for the support of the Kruege Foundation because it will complete all necessary funding for the renovation project," Martin added. The project will cost nearly $1.2 million.

Hermann Hall was built in 1962 and named after Gover M. Hermann, ITT Life Trustee and former chairman of Martin Marietta Corporation.

The Hall is the recreational center of campus life at ITT. Facilities housed in the building include a cafeteria, lounges, a bowling alley, meeting rooms, auditorium and theater, and student offices.

This grant by The Kruege Foundation of Troy, Michigan, is one of 176 made by the organization to nonprofit organizations in the United States and Canada during 1981. The grant commitments total $33,354,000 with most of the funds going to projects involving construction or renovation of facilities.

The Kruege foundation was created solely by the personal gifts of the late Sebastian S. Kruege. Since 1934, appropriations of over $154 million have been made to institutions in the areas of higher education, health care and related services, the arts and humanities, social welfare, science, conservation, and religion.
by Craig Glenn

The problem with most students' budgets is that they don't have any money! Of course, you can save if you are usually planned back- wards. Most students figure out how they will spend their money and the decision is made before they even begin using it. The fact is that in today's inflation-ary economy, nothing is left over, even after you pay for the necessities such as beer, pizza, clothes, books, and supplies. So how do you make money? You save it! If you don't have any money, you are cutting down on your consump- tions and spending less, which is always convenient at the end of the month. Unless you have great control, the balance of your savings or checking account will probably be used to make ends meet. If you don't plan ahead to put a specific amount of money away for invest- ing each month, nothing will ever be put aside.

Ending waste and increasing savings is the only well founded road to financial independence. Many executives and congress- men are "struggling" to make ends meet on their $65,000 salaries. Everyone knows how quickly an increase in income is assimilated into daily spending pat- terns. It's not so much the amount of income you have that counts, but how much you choose to spend it. Once you recognize the fact that you are wasting money every day of your life, it is a savings process much easier to begin the savings program I now introduce.

The Four Step Savings Pro- gram:

1st Step: Put Your Savings First

The cardinal principle, and the rule that must never be broken in your life, is this savings comes first. Before parties, before dates, before beer, savings should be at the top of your list of priorities.

Just how much should you save? A good place to begin saving is 10 percent of your income. Later as your income increases you will be able to save more. This system is easy to compute and will work for any- body, as long as you receive a $25 allowance to be used for spending. Here is the formula:

2nd Step: Start a Budget Book

How can you have a budget if you don't know where your money goes? It is easy to estimate a budget. I suggest that you start and keep a meticulous record of all your expenses during the semester. This answers that common question, "Where did I spend my money?" Use this record to make up your budget for next semester and continue to keep close track of your expenses.

Once you have a good idea of your spending habits over the semester, it's time to create your budget. Place all of your expen- diture estimates in one of these categories: 1. Fixed Expenses. 2. Neccessities. 3. Nice things you have. 4. Superficial Spending.

By terminating all spending in the last category, you'll find fast instant cash for your most impor- tant expenditures—savings. If an emergency comes up it is paid for by cutting back on any of the other categories, or by dipping into a savings account. Listed below are the savings account information which is there for rainy days:

Fixed expenses include: long- term savings, tuition, car payments, and other regular monthly payments. If you should include a payment to the short- term emergency fund to be used for emergency but infrequent road trips, the categories would include: beer, clothing, room needs, gas- line, and unexpected expenses. Now you must make an important distinction between "needs" and "wants". The amount of money you can spend on "wants" varies with your income. Yes, you can cut down on the consumption of alcoholic beverages. You may find some of your "wants" cannot be cut down without too much pain. Other "wants" are not just that—parties, parties, movies, din- ing out, and other pleasures that make life enjoyable. Find ways to eliminate those expenses without ending up with a mental case.

Superficial Spending should be eliminated. These unplanned, impulsive expenditures take an unusually large amount of your little satisfaction gained.

4th Step: Invest Your Long- Term Savings in Proven Inflation- Hedging Investments

This last step is critical to your success. You cannot escape from inflation. A const- ant 10 percent savings plan is not enough. To build quickly, you must depend on investments that produce vehicles that profit from inflation. Most fortunately, the typical savings account offered by sav- ings and loan associations, banks, and insurance companies offers only a paltry 5 to 7 percent return and simply can't fulfill this important step.

Give this budget a try. Saving can be a lot of fun! In my next article I will talk about the world of high finance. I will discuss the high—yielding savings accounts and recommend some no minimum money funds for investment.

By Pierre Malika

The latest Kraftwerk release, computer-world, is something quite different from the norm in contemporary music. These musicians have always been known for producing 1002 synthe- sized music, but this album goes a step beyond. It takes features of rock, disco, new wave, and classical music and blends them together into a very pleasing disc. This record is sure to appeal to C.S. students with its very "programmed" nature.

The first side starts and ends with the title cut Computer-world. This song has parts that can be heard throughout the disc as phrases that are woven into the different songs. Computer-world is slower and more mellow than the rock songs, the acoustic guitar reminiscent of some of the pre- vious Kraftwerk releases. These mellow soundtracks tend to grow on you, the more you listen, the more you want to hear. The mellow songs are a nice contrast to the disc's most outrageous parts.

The second cut on the side is "Home Computer!" This is a lively piece about home computers. This song shows what can be done using only 4 synthesizers, creating quite realistic percussion effects. This cut also demonstrates the amount of attention paid to detail by the group. Soft mumurs can be heard in the background that might be taken for reproduction error, if not for their mental timing.

The last disc on the piece, "More Fun to Compute", takes hits from all the songs, stringing them together into a cut that leaves one feeling very peaceful, exhibiting Kraftwerk's trademark of few lyrics, much the same as "Autobahn", the group's first popular tune.

The most popular cut, "Pocket Calculator", is a perfect example of this new style of music, sometimes referred to as Sci-fi music. With lyrics like "I'm the best at this job and I take care of you", and "By Pressing down a special key, it plays a little melody," it should be obvious that we are talking different really different.

Another cut worth mention is "Numbers". The lyrics of this song consist of people and a voice synthesizer counting to eight in various languages. This cut has a basic line that must be heard to be believed, as it becomes new lows in recorded frequencies.

There is a common music theme that runs through many of the songs on this album, similar to the classical music styles. The songs are all danceable, but also good to just sit and listen to.

If you want to hear some very modern music, this is one release that will please you. This disc is not intended for the person who likes only pop or easy listening, but for anyone who likes more progressive music.

Music Computer World
**Good Start For Spikers**

The goal of this year's Women's Volleyball Team is to have a successful season with more wins than losses; and The Spikers are on their way to accomplishing just that.

The first win of this year came on September 16th with a 15-12, 15-0, and 15-9 victory over Oakton Community College. The start of the season was promising as The Spikers won 90, but as the game progressed they gained control and went on to win 15-12. The second game was totally dominated by The Spikers and Oakton was unable to score a single point. The Spikers also did well in the third game, sweeping the series.

With one victory under their belts, The Spikers faced Kennedy-King College. Once again, through the fine performance of the setters and the outstanding spiking of the co-captains Ann Buckley and Linda O'Connell, UIT was able to dominate and walk away with a 15-5, 15-11, 15-2 victory.

The Spikers' one loss came earlier in the season when they were downed by Trinity Christian College. Trinity's large height advantage proved to give them an edge in blocking, spiking and other facets of the game. After the 15-6 defeat in the first game, The Spikers began playing more aggressively but were unable to secure a win, and ended up losing the series 15-12, 15-13.

Reflecting on the season thus far, Coach Chris Meyer stated, "The girls have to get used to playing together as a team, and it's very important to have good communication between the setters and the spikers. At this point the strongest feature of the team is the serving. All the girls are good servers and that's important at this level of play."

Meyer, who is in his third year at UIT, is a graduate of Northern Illinois University. There he was a member of the Tennis and Golf teams while majoring in Physical education. Many of his coaching skills were acquired when he was chosen to be an alternate for the 1975 Pan Am Games Volleyball Team.

"Having some of the top coaches in the state coach me gave me first hand experience and helped me understand what it's all about," he stated. He believes The Spikers can win a large percentage of their meets, particularly the home matches. Homecourt advantage plays a major role in the team's performance and The Spikers hope to see more fans come out and support them this season.

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