

Rose-Hulman Institute of Technology

## Rose-Hulman Scholar

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The Rose Thorn Archive

Student Newspaper

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Fall 9-6-1996

### Volume 32- Issue 1- Friday, September 6, 1996

Rose Thorn Staff

*Rose-Hulman Institute of Technology*, [library@rose-hulman.edu](mailto:library@rose-hulman.edu)

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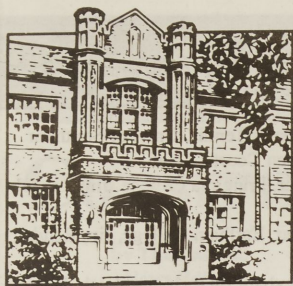
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# THE ROSE THORN

Vol. 32, No. 1

Rose-Hulman Institute of Technology

Friday, Sept. 6, 1996

## Multiple thefts inflate insurance rate

by Thomas Hill  
News Editor

Eleven laptop computers were reportedly stolen throughout the 1995-96 academic year and students who own laptops are warned to protect themselves against theft.

Six laptops were reportedly taken from residence halls. Laptops were also reportedly stolen from the student union building, a classroom, from an off-campus apartment, from the laptop coordinator's office and from a car parked on a street by a Rose-Hulman fraternity.

One former Rose-Hulman student claimed his laptop was stolen, but never filed a written claim.

Mary Anne Pierce, laptop coordinator, said "If a student thinks his/her laptop is stolen or missing, we advise them to notify the Waters Computer Center(WCC) help desk or the laptop coordinator."

The claimant of a stolen laptop must fill out and sign an insurance report at WCC and a police report at the campus security office. Pierce orders a new laptop for the claimant after these reports are filed.

According to Darin Gregg, assistant controller, "A replacement laptop is ordered and paid for by Rose-Hulman. Rose-Hulman is then reimbursed directly for the purchase of the laptop through the insurance proceeds and the \$250 deductible charged to the student. Rose-Hulman funds the purchase of stolen laptops in order to reduce the inconvenience to the student. This is true regardless of the insurance company that the claim is filed through."

Gregg explained that students are charged \$61 per academic quarter to cover maintenance, insurance, a four-year manufacturing warranty, a networking charge and administrative expenses for their laptops.

Thrift insurance for the base machine comprises \$18 of the quarterly laptop fee. Gregg contends that if the number of laptop thefts declined, the new theft insurance would cost less resulting in a lower quarterly laptop fee for students.

Gregg added, "The increase in the insurance charge stems from the fact that twelve students reported their laptops stolen during the 1995/96 academic year."

Pierce warned "If you stole a laptop and you brought it in for service we would know what machine it was. The identity of the machine is easily recognized through information in WCC's database. There are a lot of ways we can catch you."

AMS, the current Rose-Hulman laptop supplier, provides unique identification to each of the laptops manufactured. The new AMS PowerCDs are manufactured with engraved external serial codes and multiple internal serial codes.

According to Lans Carstensen, systems integrator, WCC can perform multiple checks on serial codes whenever a laptop is serviced. WCC always matches the serial code to the laptop owner before servicing a laptop.

WCC can also determine if someone is logged into the Rose-Hulman network using a laptop reported as stolen.

According to Pierce, most of the thefts have occurred during times of the year when students are the busiest, such as when students are getting ready for a break or preparing for finals.

Professor A.T. Roper, vice president for planning and data systems, believes that laptops are stolen by people who have access to campus and people who would like the laptops, because of the valuable and useful software suite the laptops contain. Roper advises that students lock their doors to prevent theft of the laptops.

Gary Flora, director of safety and security, encourages the open door policy practiced in many residence halls and urges students to adopt a good neighbor policy to help prevent laptop thefts and other crimes. Flora's good neighbor policy suggests students should safeguard each other's property and report suspicious activity to student affairs, the security office or any trusted faculty or staff member.

Flora elaborated "have a trusted individual watch your room for short periods and watch out for your neighbors' rooms. The key thing to reduce campus crime is open communication. Some people don't want to feel like a snitch but we have to do that. It's important to get [information preventing crime]."

Flora is concerned about keeping the campus safe and advises students to look out for suspicious people in the residence halls or public areas where valuables are kept.

Flora explained, "Approach and address strangers and let them know security barriers exist. Introduce yourself, Say 'Hi, can I help you?'. If the person leaves, call it in [to campus security]."



### Foundation for the Future

The expansion of Olin hall will house advanced classrooms. These flexible learning spaces will feature total audio-visual and networking between laptops.

## Physics revamped to consolidate various topics

by Thomas Hill  
News Editor

This year, freshmen will initiate a new sequence of physics courses titled Physics I, Physics II and Physics III. Traditionally, many Rose-Hulman majors required students to enroll in courses titled Mechanics, Electricity and Magnetism(E&M) and Waves, which will now be phased out.

According to Professor Barry Farbrother, chairman of the electrical and computer engineering department, the new physics sequence enables electrical engineers to learn physics in a more compact sequence that focuses on the important physics topics.

Electrical engineers will take Physics I, II and III, which cover mechanics, electricity and magnetism, waves and modern physics, but will no longer be required to take four courses, Mechanics, E&M, Waves and Statistical and Modern Physics.

The new curriculum being developed no longer requires electrical engineers to enroll in Solid State Physics. However, the newly required course, Electronic Device Modeling will involve device modeling and semiconductor physics.

The new electrical engineering curriculum will also reduce emphasis on fluid mechanics and thermodynamics, but it will increase emphasis on engineering sciences. Also, electrical engineers and computer engineers will be involved in more design work.

Farbrother explained "In order to include some of the new topics in our programs we had to do a great deal of soul searching in order to identify areas that could be consolidated. The computer has enabled us to do things in a different way."

The computer provides automated calculations and graphics enabling quicker coverage of certain material and computer simulations enhance traditional laboratory experience while also "paralleling the workplace".

Professor Arthur Western, chairman of the physics department, concedes that the old E&M course had gradually become more comprehensive which made it very difficult for students to learn and succeed in E&M within ten weeks.

The new physics sequence will cover the same amount of electricity and magnetism as before but the material will be covered over a longer period of time spanning across all three courses.

Western said the goal of the new sequence was to "try to make the physics courses more coherent. In the old scheme, students in some curricula would start the physics in the middle of a text book."

Previously, mechanical engineers enrolled in Engineering Statics, instead of Mechanics, before taking E&M. The new physics sequence is scheduled so that mechanical engineers will learn mechanics topics in both statics and dynamics enabling better preparation for learning electricity and

magnetism topics.

In addition, mechanical engineers will potentially be aided by being introduced to statics and dynamics before enrolling in specialized courses in those areas.

The amount of time and material devoted to mechanics topics will be reduced in the new physics sequence. This reduction will be enabled by the coverage of kinematics topics in the Calculus courses and the increasing amount of experience students have in physics courses at high school. Introducing electricity and magnetism earlier will relieve the boredom of students who would find mechanics too easy.

Less material will be focused on waves, but similar modern physics concepts will be covered. Western contends that more diverse topical coverage will increase student interest in the physics courses.

The sequence of three courses is intended to connect all the physics topics and illustrate shared and similar concepts. Western also suggested the new sequence may provide a common core in physics for all engineers.

According to Professor Rita Hessley, chair of the department of chemistry and life sciences, students who take the physics sequence prior to chemistry will now have an enhanced learning experience in chemistry.

Professor Richard Diteon and Western also stressed the benefits of having the new physics

sequence closely coordinated with the calculus sequence, allowing for simultaneous coverage of similar material.

Calculus I will no longer be a prerequisite for Physics I. They can be taught simultaneously, but the usage of calculus in physics classes will be delayed while other non-calculus based physics topics will be taught earlier.

The new physics sequence will reduce flexibility for scheduling, because people will be required to take the courses in order. The lack of similarity between the sequence and externally taught physics courses may make transferring credits more difficult.

Currently, the physics department will offer all three levels of the new physics sequence each quarter. Since the integrated curriculum and foundation coalition curriculum have physics courses each quarter and there is a physics elective each quarter, there will be a total of six courses utilizing the three large teaching laboratories each quarter.

Physics professors will have to devote considerable time developing the new physics courses and changing the syllabus for the new sequence.

In addition, Western noted, "[The physics department is] studying in a more serious, aggressive fashion the optimum use of Maple and Working Model in the introductory physics sequence."

The crowded laboratory conditions and heavy involvement in the

new sequence by professors will delay continued experimenting with studio physics classes.

The studio method, which involves mixing laboratory and classroom activities more closely was tried in physics classes last spring and received positive feedback from students. The physics department is also delaying offering experimental studio physics classes because the department would like to more fully evaluate the success of studio physics taught last spring.

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## Gatherings



Sat., Sept. 7 — Athletic Hall Of Fame Day  
 \* Induction Ceremonies, E-104, 10:30 a.m.  
 \* Luncheon, Hulman Union, Noon  
 \* Introduction During Halftime Of Football Game  
 Mon., Sept. 9 — Touchdown Club Luncheon, North Room, Noon (Learn About What's Happening With Fall Athletic Teams)  
 Tue., Sept. 10 — Fraternity Rush Informals  
 Tue., Sept. 10 — Career Services' Resume Workshop, Hulman Union, 4:30 p.m.  
 Wed., Sept. 11 — President's Administrative Council, North Room, 8 a.m.  
 Wed., Sept. 11 — Career Services' Resume Workshop, Hulman Union, Noon  
 Wed., Sept. 11 — Rose Women's Club Coffee, Joy Hulbert's Home, 7:30 p.m.  
 Thur., Sept. 12 — Career Services' Techniques Workshop (Mechanical Engineering Majors), Hulman Union, 4:30 p.m.  
 Fri., Sept. 13 — Admissions On-Campus Visitation Day, 1:00-4:30 p.m.  
 Sat., Sept. 14 — Leadership Workshop  
 Mon., Sept. 16 — Career Services' Techniques Workshop (Mechanical Engineering Majors), Hulman Union, 4:30 p.m.  
 Tue., Sept. 17 — Career Services' Techniques Workshop (Electrical Engineering Majors), Hulman Union, 4:30 p.m.  
 Tue., Sept. 17 — Career Services' Resume Workshop, Hulman Union, 6:30 p.m.  
 Wed., Sept. 18 — President's Administrative Council, North Room, 8 a.m.  
 Wed., Sept. 18 — Fraternity Rush, First Formal Invitations  
 Wed., Sept. 18 — Career Services' Resume Workshop, Hulman Union, Noon  
 Thur., Sept. 19 — Career Services' Techniques Workshop (Electrical Engineering Majors), Hulman Union, 4:30 p.m.  
 Thur., Sept. 19 — Career Services' Techniques Workshop (Student Athletes), Hulman Union, 6:30 p.m.  
 Sept., 24 — Oscar Schmidt Lecture, Bill Wiggenhorn of Motorola University, Moench Hall Auditorium, 11 a.m.  
 Sept. 27 — Wabash Valley Education Alliance Seminar, Dede Plaza, ISU

Oct. 1 — Institute Meeting, E-104, 4:20 p.m.  
 Oct. 11 — Admissions' On-Campus Visitation Day, 1:00-4:30 p.m.  
 Oct. 25 — Fall Meeting, Indiana Section Of The Mathematics Assoc. of America  
 Nov. 3 — Kanazawa Institute of Technology/RHIT Symposium On Engineering Education In The 21st Century



## A &amp; E



Fri., Sept. 6 — SAB Presents Comedian Jeff Marder, Hulman Union, 8 p.m.  
 Sun., Sept. 8 — RHA Movie, "Jurassic Park," North Room, 7 p.m.  
 Sat., Sept. 21 — Fine Arts Series, The Local Girls, Moench Hall Auditorium, 7:30 p.m.  
 Sept., 22 — Rose Family Picnic  
 Oct. 4-5 — Homecoming  
 Oct. 17-18 — Fall Break, No Classes  
 Oct. 22 — Program, "Beyond JFK, The War Against Democracy," Bob Harris  
 Oct. 23 — Fall Quarter Blood Drive  
 Oct. 25-26 — Drama Club Musical, "Little Shop Of Horrors"  
 Nov. 26 — Dad's Day  
 Nov. 2 — Fine Arts Series, The Audubon Quartet With Eli Eban, 7:30 p.m.  
 Nov. 18 — Fall Quarter Final Exams Begin, 8 a.m.



## Sports



Fri., Sept. 6 — Volleyball, at Oakland City Invitational, Oakland City, Ind., 6 p.m.  
 Sat., Sept. 7 — Soccer, Simpson College, Jim Rendel Field, 11 a.m.  
 Sat., Sept. 7 — Football, Millsaps College, Phil Brown Field, 1:30 p.m.  
 Sat., Sept. 7 — Volleyball, at Oakland City Invitational, Oakland City, Ind., 9:30 a.m.  
 Sat., Sept. 7 — Cross Country, at Indiana State University Invitational, 10:30 a.m.  
 Sat., Sept. 7 — Women's Tennis, at Franklin College, Franklin, Ind., 10 a.m.  
 Sun., Sept. 8 — Men's Tennis, at Thomas More Invitational, Cincinnati, Ohio, 5 p.m.

Mon., Sept. 9 — Women's Tennis, Univ. of Southern Indiana, Rose-Hulman Courts, 4 p.m.  
 Fri., Sept. 13 — Soccer, Principia College, Jim Rendel Field, 4 p.m.  
 Sat., Sept. 14 — Soccer, Earlham College, Jim Rendel Field, Noon  
 Sat., Sept. 14 — Volleyball, First Home Match, Robert Morris College, 2 p.m.  
 Sat., Sept. 14 — Football, at University of the South, Sewanee, Tenn., 1:30 p.m.  
 Sat., Sept. 14 — Cross Country, at Hanover Invitational, Hanover, Ind., 11 a.m.  
 Sun., Sept. 15 — Women's Tennis, Engineers Invitational, Rose-Hulman Courts, 9 a.m.  
 Tue., Sept. 17 — Women's Tennis, at IUPUI, Indianapolis, 5 p.m.  
 Sat., Sept. 21 — Soccer, MacMurray College, Jim Rendel Field, 1 p.m.  
 Sat., Sept. 21 — Volleyball, Manchester College, E.E. Black Center, 1 p.m. (ICAC Match)  
 Sat., Sept. 21 — Cross Country, at Principia Invitational, Elmhurst, Ill., 10:45 a.m.  
 Oct. 5 — Football, Wabash College, Phil Brown Field, 2 p.m.  
 Oct. 12 — Football, Anderson University, Phil Brown Field, 1:30 p.m.

## Submissions To Campus Events

Events may be published in *Campus Events* by any organization or individual. Information on club meetings, lectures/speeches, and athletic events, including announcements of times and locations may be submitted to *Campus Calendar*, in care of Dale Long, associate director of communications, at Box 14 or extension 8418. More detailed articles containing plans, agendas, and specific information should be submitted to the *Rose Thorn*.

All submissions must be made by Wednesday, at noon, in order to be published in *Campus Events* in the *Rose Thorn* on Friday.

## NO FRILLS

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 If you generally write 10 or fewer checks a month, No Frills checking from First is the budget-minded choice for you. The No Frills account features:

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## INFO SESSION

October 14th, 6-8pm

Performing Arts Rm., Hulman Memorial Union Bldg. INTERVIEWS WILL BE CONDUCTED ON TUESDAY, OCT. 15th.

CE, CS, MIS, IS and Math majors are encouraged to meet our representatives and learn more about our great opportunities.

If unable to attend, further information can be obtained through the Career Placement Office.

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# Construction covers campus

by Thomas Hill  
News Editor

Heavy rains last spring delayed the Olin Hall and Hulman Union expansion projects by a month behind schedule.

Most of the construction is complete on the Hulman union, except for exterior trim and "punch list items", which include adding a code of paint, floor bases and electrical receptacle covers.

The Olin hall expansion, originally scheduled to be completed in late December, is now scheduled to be completed in early February.

Structural steel for the first floor and concrete for the west wall entry of the Olin hall addition has been completed.

Installation of electrical outlet and network wiring in the Olin hall addition is intended to provide flexibility for presenting information and interacting with the instructor.

Instructors will be able to access any laptop screen and view it from their screen or display it on two large classroom screens.. In addition, total audio-visual will enable instructors to run a movie or show electronic overheads.

Wayne Spary, director of the facilities department, said, "I think Rose-Hulman could probably be the forerunners in instructor-student interaction."

Walls were removed from inside

Templeton, so that new office space could be created. The alumni center now houses fund raising and development formerly located in a building near the Bigfoot convenience store.

Career services moved from Templeton to the Hulman Union. Also, student affairs and various student organizations, formerly located in Moench Hall, moved to the Hulman union. Space available in Moench Hall will become faculty offices.

The building profile of the new athletic center was completed on Thursday after the last steel truss was installed.

According to Spary, the new athletic center building and grandstand required 1,000 tons of steel for the trusses. Also, 2,000 cubic yards of concrete was used to construct 500 auger piles that are about 70 feet deep under the building and 17 inches in diameter.

The new athletic center is scheduled to be completed in August 1997 and will include a field house that is considerably bigger than the original.

A new swimming pool has been installed and construction work on the roof has started for the new athletic building. Building enclosure is scheduled to begin this month.

The grandstand, visitor bleachers and a new scoreboard for the football field have been completed.

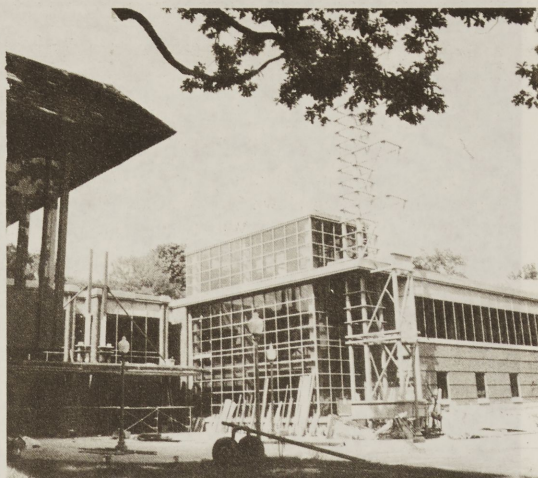
Also, the football field has been irrigated with underground sprinklers.

Recent growth of facilities on campus have infringed on the land originally used for the homecoming bonfire. This year there will be a controlled bonfire and expanded fireworks display on a site east of the football field. The facilities department will supply wood it cut down for the bonfire.

The site east of the football field will be converted into tennis courts. Students will no longer build bonfires for homecoming.

Thomas Miller, assistant dean of students, observed a dwindling student interest in building the bonfire in recent years. Miller acknowledged that the lack of secure space on campus will result in Rose-Hulman phasing out bonfires.

Miller suggested that future homecoming shows might have expanded fireworks displays and a variety entertainment show. Rose-Hulman is also attempting to restore Rosie the Elephant, which sprays water. Rosie the Elephant was traditionally taken around the football field after touchdowns.



## Classified Advertisements

### FOR RENT:

Need subletter for one bedroom apartment ASAP. Close to ISU campus, off-street parking, 24-hour maintenance. Located in Farrington Grove. Call 235-3589 and leave a message

### EVENTS:

Have a home-cooked meal and fun with friends at AMERICAN BAPTIST STUDENT FELLOWSHIP DINNER Thursday, Sept. 12, 5:00 p.m. at United Ministries Center, 321 N. 7th St. All students welcome! Call 232-0186 to make reservations by Sept. 11.

Share your artistic talent and help us PAINT A MURAL for our lounge Thursday, Sept. 12, 6:00 p.m.; United Ministries Center, 321 N. 7th St.

Join the Joy Makers. Be a part of our clown ministry which performs in churches and for community groups. Everyone is welcome! No experience necessary! Rehearsals each Wednesday at 5:00 p.m. Transportation available if needed. United Ministries Center, 321 N. 7th St., 232-0186.

All About Life is real talk about real life issues with weekly discussion topics chosen by students. Wednesdays at 7:00 at United Ministries Center, 321 N. 7th St., 232-0186. Call if you need transportation.

Friendly, informal VOLLEYBALL games every Thursday at 8:00 p.m. at St. Joseph Parish Center, 5th and Ohio Streets. Sponsored by United Ministries Center, 321 N 7th St. Call 232-0186 if you need a ride.

### T-SHIRTS:

Custom Screen Printed T's, sweats. Low Prices, fast service, free art work. SWAG'S APPAREL 232-6947. Visit our showroom at 2950 S. 7th. Sept. and Oct. White T-Shirt Sale. Call 232-6947.

### TUDORS:

Sr Chem E interested in tutoring. Available for MA, CM, CH classes. Any costs negotiable. Call Dave at 232-7305.

### POLICIES:

The Rose Thorn offers classified advertisements less than 30 words free to Rose-Hulman students, faculty, and student organizations. For submissions of more than 30 words, each additional word is \$0.10.

All other classified ads are \$3.00 for the first 30 words, then \$0.15 for each additional word. Payments must be made in advance; corrections at our expense on first week only.

The Thorn reserves the right to refuse advertising which the editors judge to be discriminatory on the basis of race, religion or sexual orientation, or that promotes violence, illegal activities or is in bad taste.

Submissions may be made at the Thorn office, through the Thorn Box 2034, by email-ing thorn@rose-hulman.edu, or by calling the Thorn at ext. 8255. Deadline for submissions is 5 p.m. the Wednesday prior to publication. Runs over one week must be renewed weekly by contacting the Thorn office, unless prior run arrangements have been made.



## Mark's Par Three Golf Course

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## United Ministries Center

### Welcome...

The United Ministries Center is a cooperative campus ministry of...

- American Baptist Churches
- Christian Church(Disciples of Christ)
- Presbyterian Church (USA)
- United Church of Christ
- United Methodist Church
- First Congregational Church
- St. Stephen's Episcopal Church
- Trinity Lutheran Church

### Programs Include...

- Discussion Groups•Fellowship Groups•Clown Ministry•Service Projects•Volleyball•Camping Overnight•Student Conferences•Mayan Cultural Exchange Trip to Mexico

The Center is open from 9 AM until 9 PM Monday through Thursday and until 5 pm Friday.

It is a place to study, talk and play.

The facilities are also available to campus and community groups.



## Centenary United Methodist Church

Philip D. Dörel, Pastor

YOUR CHURCH HOME

WHILE YOU ARE ON CAMPUS

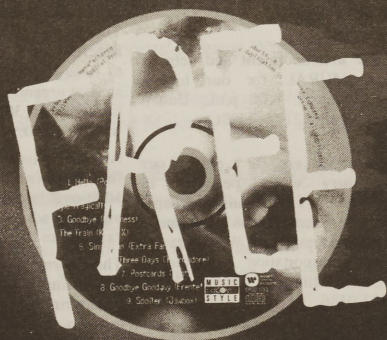
301 North Seventh Street  
812-232-2319

Saturday Worship 5:30 PM  
Sunday Worship 10:30 AM  
Church School 9:30 AM

Welcome Reception Planned for College Students  
on Sunday, September 8, 11:30



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## Eliminating freedoms not the solution to ending teenage smoking



David Hile

Editor-in-Chief

The tobacco industry has come under fire recently as politicians scramble to recover from surveys indicating that drug use is once again on the rise.

The incidences of teenage drug use have increased during the Clinton Presidency, leading the President to blame the tobacco companies. Clinton is looking to restrict tobacco advertising so that teenagers do not know that cigarettes exist.

In addition, cigarette sales to minors have been outlawed, making outlaws of many minors. Clinton is hoping that this action will aid the war against tobacco like

similar rules have abolished underage drinking.

As anybody knows, cigarettes lead to marijuana and ultimately must lead to heroin. By slashing the drug problem at the root, the ruling class can ensure that its children grow up to be law-abiding, God-fearing citizens.

The government is covering its losses in the drug arena by blaming the tobacco industry and stripping freedoms away from Americans. The public is permitting their free thought to be sacrificed in order to gain control over individuals.

The public's consent to part with free thought enables government to pass laws which deny freedoms. The decision to smoke or not to smoke is an act of freedom.

By eliminating this decision, the government can exact more control over its subjects.

The First Amendment reads "Congress shall make no law abridging the freedom of speech."

By forbidding the tobacco industry to advertise, Congress is restricting an individual's freedom

working against itself. The best weapon against free speech is a counter argument protected by the same amendment. Anti-smoking campaigns should be aimed at educating the youth about the consequences of smoking, not by snuffing out the Freedom of Speech of the tobacco industry.

The public wishes to control individuals because free thought promotes diversity. If people are permitted to think for themselves, they may disagree.

These contrasting opinions do not have to represent a threat, but the Freedom of Speech must remain intact.

If free speech is maintained, then any voice in this country can be heard. Right, wrong or indifferent, the voice (and ultimately

speaker) cannot be quelled. If the liberty to speak one's mind is systematically squeezed out, then opposing opinions have no reference from which to stand. All sides of an issue will soon be considered irrelevant.

There is nothing wrong with persuading teens not to smoke. However, what good is this argument if there is no opposing opinion? Teenagers are intelligent enough to know that there are opposing sides to every issue. If both sides are not presented, curiosity will lead many to discover the contrasting, silent view on their own.

Give the tobacco industry liberty to advertise and accept the freedom to distribute contrasting, anti-smoking messages. This will increase the power of anti-smoking

*David Hile (CH '97) is preoccupied with running the Thorn but manages to find time for basketball, running and listening to Pink Floyd.*

## Cigarettes lead to marijuana and ultimately must lead to heroin

of speech. However, anti-smoking groups are permitted to distribute propaganda detailing the evils of weed. One-sided arguments resemble coercion, not freedom.

The Freedom of Speech is unique in that it grows stronger

## Life 101: A course in how to compromise for the sake of knowledge



Kent Bye

Thorn Columnist

To the freshmen, I say "Welcome to college." It is time to forget about your high school glory days, start over from scratch, and prepare to start working. It may be tough for all of you who never cracked a book in high school but still got a 4.0, because the days of cruising through on your God-given knowledge will soon be over. You'll learn a lot in the class rooms at Rose-Hulman, but more importantly you'll learn a lot about yourself and about life.

You'll have three choices here at Rose: sleep, a social life, or homework . . . pick two. College is all about trying to find a balance between these three options. You can try as hard as you want to do all three things all the time, but you'll soon find out that it is impossible and that you'll have to sac-

rifice something. Usually the something which is sacrificed is sleep. You'll be forced to perform many spontaneous sleep deprivation experiments, and you'll soon learn to live by the law of going to bed and then waking up on the same morning you fell asleep.

Most of the time you'll find yourself staying up late at night because of the combination of bad time management and the inescapable natural law of procrastination. Everyone here has suffered and still regularly suffers from the effects of this deadly combination. Luckily, we have some of the best procrastinators in the nation here at this school who have actually converted this bad habit into a useful art form when used correctly.

If sleep is too precious for you to sacrifice, then you can always choose to not do your homework; however, I wouldn't advise doing this for too long or else we won't be seeing you around here for much longer. The homework won't pad your grade as much as it did in high school, but it still needs to be done for you to learn the mate-

rial. Try not doing it for a while, and you'll soon figure out the consequences yourself when you bomb a test worth 20% of your grade.

What happens when you don't do your homework is that you'll end up cramming all the information the night before, and then regurgitate it all the next day for the test. Sometimes this will make the grade and other times it won't. The big problem with cramming is that you don't retain any of the information on a long-term basis which will kill you in the long run. You'll find this out at the end of the quarter when it is time to take your finals.

If you have to study hard for your finals, then you're doing something wrong. If you study right the first time, then you'll save yourself a lot of trouble immediately before finals week. We have some of the best crammers in the nation because cramming naturally compliments procrastination. It was easy to get through high school using the "cram and barf" method, but here the consequences are much greater considering some of the final

tests are worth nearly half of your final grade.

Your final option is to build on your social life. Remember that college is supposed to be the best years of your life, and you'll have the opportunity to decide whether they are or not. My advice is to not rush through your years at college, because there is no real rush to go into the working world. Take the time to enjoy yourself, and to always reserve some time for yourself no matter how thick or endless the homework or studying becomes. You have to find a way to somehow keep your sanity.

The friends that you make are very dependent on your proximity. Think about how many friends you have because they lived around your neighborhood, played on the same sports team, or sat next to you in class. The same will go for who lives on your hall, who your lab partner is, who you sit next to in class or at lunch, and even the friends of your friends. The more outgoing and involved you are on campus is directly related to how many people you will meet who have

the potential to become friends. Don't get involved in activities for the pure sake of resume-building, but instead search for opportunities for meeting people, for stress outlet or for new and different experiences or else you'll find yourself unmotivated and unfaithful in your participation when the work starts to stack up.

You'll have a lot of choices to make here in college, and the great thing about it is that you can choose to skip classes for a week. But for every choice you make comes a consequence, and you better not choose to do something if you're not prepared to face the consequences. With all of this in mind, find your balance of sleep, homework, and a social life. Learn how to compromise between these three to make the most out of the best years of your life.

*Kent Bye (EE '98) now has his writings on his homepage at ~byeke. He is a Pike from Beech Grove, IN and enjoys inspirational writing, skiing, table tennis, basketball, softball, tennis, baseball and trying new and different things.*

## Looking forward to new perspectives on college life



Michael Bickel

Thorn Columnist

It's another year back at school, and another chance to look for new perspectives from the same vantage point. This is my fourth year here and it will be just as unique as the first. Looking back, I ask myself "were those three years worthwhile?" Absolutely. But they were no more or less worthwhile than the

present or the future. I saw the world in ways I might never have otherwise. I was looking for perspective and didn't expect what I found. Of course, I could look for perspective anywhere, but I couldn't possibly come up with the same ones.

Experiences are like objects. No matter how similar they are, there are infinite ways of looking at them. The image changes with light, time, angle, distance, and attitude. No matter how long you look at an object, you can't see it all.

The last three years I have looked at college like a tunnel that I am passing through. I'll always be able to look back on that tunnel, but I will

never have this view again. It's time to put my old views away and look closely for new ones; for views I didn't notice because I was studying other ones.

Is this education? Is this knowledge? Is this wisdom? Take it any way you want. This is one view from the present. Others are everywhere and I am looking forward to seeing them.

*Michael Bickel is an eternal optimist who thinks too much for his own good. He is a lousy chess player, a pathetic housewife, and an absent-minded student. His goal in life is to finish college more idealistic than he was when he started.*

### The Rose Thorn

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*"Working to keep the Rose-Hulman community informed by providing an accurate and dependable source for news and information."*

The Rose Thorn is published on Fridays at Rose-Hulman Institute of Technology.

The Rose Thorn welcomes letters and comments from its readers. We request that all letters to the editor be less than 300 words long. The editors reserve the right to edit letters for grammar, clarity and length (if over 300 words). All letters to the editor must contain the writer's signature, class year and phone number. All submissions will be confirmed before publication. Letters may be sent by electronic mail to [Thorn@Rose-Hulman.Edu](mailto:Thorn@Rose-Hulman.Edu), but still must contain the writer's phone number for confirmation. For prompt publication, letters should be typewritten or printed by computer. All letters for an issue of the Thorn must be received before noon on the Tuesday prior to publication.

We would like to remind our readers that the views expressed in the Thorn do not necessarily represent the opinions of anyone other than the original author.

Web Page: <http://www.rose-hulman.edu/Users/groups/Thorn/HTML/index.html>

**Don't forget about the Rose Thorn meeting on Wednesday September 11, at 6:00 p.m. in the Hulman Union Conference Room.**



# Rose Volleyball all set for inaugural season



Aiming for a great season: Front Row(L-R): Ryanne Jennings, Kelly Barney, Amy Gainey, Kate Buchanan, Amber Ashlock, Meggan Adwell. Back: Head Coach Brenda Davis, Shannon Kerns, Beth Nixon, Nikki Overman, Holli Krumbein, Amy Werner, Maggie Boozer, Molly Lambert, Student Manager Michael Dean.

by Joel Gillespie  
Sports Editor

Despite their lack of experience, the Rose-Hulman women's volleyball team is expecting big things from their inaugural season.

Head coach Brenda Davis leads a team composed of one senior, one junior, four sophomores, and seven freshmen into their first competition this weekend in the Oakland City Invitational.

The tournament, which begins Friday night at 6 p.m. and continues Saturday morning at 9:30, should give the Engineers some idea of where they stand after only a week and a half of practice.

The Engineers are singularly confident, though, and are not looking forward to mere moral victories.

"We have no reason to expect anything but wins this weekend," affirmed senior hitter Nikki Overman.

For those who are considering following the Engineers on the road, Oakland City is located northeast of Evansville.

The Engineers will open their home season next Saturday against Robert Morris College at 2 p.m. E.E. Black Gym is the site for Rose's home matches.

An impressive group of freshmen, combined with upperclassmen who have been awaiting a chance to play, are expected to give the Engineers a better squad than most first-year units.

Freshman setter Kate Buchanan commented, "We definitely have the talent to finish at the top of the conference."

Freshman setter Kelly Barney added, "We look pretty good for a first-year program."

Rose got their first look at ICAC competition last Saturday when they traveled to DePauw for

a scrimmage with the Tigers. The Engineers suffered from lack of game experience early in the match, but improved as the day went along.

"We hadn't prepared for a game setting, and we were scared and intimidated at first," remarked Overman.

"But we jelled as a team as the day went on, and we're optimistic."

Joining Overman as outside hitters are junior Amy Wemer, sophomores Holli Krumbein and Maggie Boozer, and freshman Beth Nixon.

Buchanan, Barney, sophomore Amy Gainey, and freshman Meggan Adwell are the setting crew.

Freshmen Shannon Kerns and Molly Lambert will serve as middle blockers. Finally, sophomore Amber Ashlock and freshman Ryanne Jennings will be back-row defensive players.

## 1996 Engineers Volleyball Schedule

Sept. 6	at Oakland City Invite	6 pm
Sept. 7	at Oakland City Invite	9:30
Sept. 14	Home vs. Robert Morris	2 pm
Sept. 21	Home vs. Manchester*	1 pm
Sept. 26	at Earlham	7 pm
Sept. 28	at St. Joseph's	1 pm
Oct. 1	Home vs. Anderson*	7 pm
Oct. 4	Home vs. Oakland City	6 pm
Oct. 9	at Franklin*	7 pm
Oct. 12	at Wilmington (OH)	2 pm
Oct. 15	at DePauw*	7 pm
Oct. 19	at Hanover*	1 pm
Oct. 26	at Spalding (Ky.)	7 pm
Oct. 31	at St. Mary's	7 pm
Nov. 9	at ICAC Tournament	TBA

\* denotes ICAC conference games

## Engineers' Fall Sports Calendar

No games Tuesday, Wednesday, or Thursday.

	Friday 6	Saturday 7	Sunday 8	Monday 9
FOOTBALL		Home vs. Millsaps, 1:30 p.m.		
SOCCER		Home vs. Simpson, 11 a.m.		
VOLLEYBALL	at Oakland City Invite, 6 p.m.	at Oakland City Invite, 9:30 a.m.		
CROSS COUNTRY		at ISU Invite, 10:30 a.m.		
WOMEN'S TENNIS		at Franklin, 10 a.m.		Home vs. USI, 4 p.m.

## Harriers start at ISU

by Joel Gillespie  
Sports Editor

After a solid inaugural season, the Rose-Hulman women's cross-country team is looking for further improvement this year.

All five runners return from last year's squad, which finished fifth in the ICAC championships. Sophomore Ann Christensen, who finished fourteenth in the ICAC meet, is the leading returnee, and new head coach Pattie Carrick has a talented group of freshmen to work with as well.

The Engineers open up their season with a non-scoring meet at Indiana State this Saturday. The 5-K race begins at 10:30 a.m., and the harriers are hoping that they can get off to a solid start.

Sophomore Liza Saunders commented, "We want to have some good times to build on for the rest of the season."

Sophomores Jeanne Hudson and Sara Speckhard and junior Amy Ott all lettered for last year's team as well. Melanie

Wells, a sophomore transfer student, and freshmen Hannah Rumpf and Emily Huguenard are among the promising newcomers.

With a year under their belts, the Engineers look to move up a spot or two in the conference meet this season. Saunders and Speckhard agreed that being freed from the difficulties of starting a program from scratch would be beneficial to the team.

"We know more what to expect this year because we came here expecting to run," Saunders observed.

## 1996 Engineers Cross Country Schedule

Sept. 7	at ISU Invite	10:30
Sept. 14	at Hanover Invite	11 am
Sept. 21	at Principia Invite	10:45
Sept. 28	at Danville Invite	11 am
Oct. 5	Home vs. Vincennes	10:30
Oct. 18	at Indiana Intercollegiate	TBA
Oct. 26	at ICAC Championship	TBA
Nov. 9	at NCAA III Regional	TBA

## Tennis gets ball rolling

by Joel Gillespie  
Sports Editor

After a spring of competing for playing time on the men's team, Rose-Hulman's women's tennis team is hoping to make a name for itself this fall.

Having only begun practice on Tuesday, the Engineers will spring into action with a match at Franklin Saturday.

On Monday, Rose will hold its home opener against the University of Southern Indiana. That match begins at 4 p.m.

Sophomores Marcie Kam, Becky Smith, Rebecca Schenk, Jamie Funk, and Cathy Francis all worked out with the men's team last spring.

Kam, Smith, and Funk saw limited varsity action in the spring, which is expected to pay off this fall.

As would be anticipated after such a limited practice slate, the Engineers are more eager to settle into a regular lineup this weekend than win

a lot of matches.

Smith commented, "This will be a development year for us. We are looking to have fun, but we want to win, too."

Freshmen Christine Winters and Sara Wruck are expected to make an immediate contribution for the Engineers.

All eight players on Rose's roster will be playing singles or doubles, so this weekend's squad should be a good litmus test for the young players.



Becky Smith



Marcie Kam

## 1996 Engineers Women's Tennis Schedule

Sept. 7	at Franklin	10 am
Sept. 9	Home vs. USI	4 pm
Sept. 15	Host Engineers Invite	9 am
Sept. 17	at IUPUI	5 pm
Sept. 21	at Hanover	9 am
	(vs. Hanover & DePauw)	
Sept. 22	at Brescia	9 am
Sept. 22	at USI	2 pm
Sept. 24	vs. T.H. Women's Club	4:30 pm
	(at Rea Park)	
Sept. 28	at Anderson	10 am
	(vs. Anderson & Franklin)	
Oct. 4&5	at ICAC Tournament	9 am
Oct. 12	at Elmhurst	9 am
	(vs. Elmhurst & Carroll)	

Be part of the Rose Thorn Sports Team! If you are interested in sportswriting, layout, or photography, call Joel Gillespie at X-8586



# Engineers' offense, stadium ready for Majors

by Joel Gillespie  
Sports Editor

After two straight second-place finishes, the Rose-Hulman Engineer football team is looking to get over the hump this season and capture the ICAC crown.

Millsaps College will be the first obstacle in the Engineers' path, visiting Phil Brown Field Saturday at 1:30 p.m. This will be the first game since Brown Field's recent refurbishing.

Last season, the Engineers traveled to Jackson, Miss., to take on the Majors and came away with a 35-15 victory.

Millsaps is coming off a 2-7 campaign in 1995, and will also be playing its season opener. Senior running back Brad Madden rushed for 950 yards and seven touchdowns last season.

Graduation and injuries have resulted in many new faces in the Engineer lineup this fall.

The most publicized newcomer has been freshman quarterback Eric Hyten, who has been very impressive in preseason practice and was announced as the starter last week.

Hyten is expected to lead the Engineer offense in a different direction than his predecessor,

Todd Harris. Head coach Scott Duncan explains, "Eric brings another dimension to our offense. He throws the ball better than Todd."

It sounds like the Engineers' vaunted triple-option offense will be balanced out with a little more passing than in the last couple of seasons.

Joining Hyten in the backfield is senior halfback A.J. Wilkerson, who rushed for 567 yards and seven touchdowns last season.

Wilkerson has been relieved of the backup quarterback duties he performed last season, which doesn't break his heart.

"Quarterback is a lot of responsibility and requires a lot of concentration," he noted.

Wilkerson is hoping that the load which has been taken off his mind will result in a great year for him and the team.

Juniors Shawn Golden and Shawn Lawson will start at the other halfback and fullback positions, respectively.

Freshman quarterback recruits Ricky Arnold and Adam Knoll have been shifted to the starting split end and tight end positions.

Duncan explained, "We don't have the luxury of stockpiling players. Fortunately, we found good positions for every one of them."

Three of the five starters return on the offensive line, which has guided the Engineers' potent rushing attack the past two seasons.

The defensive unit has been the most shaken by preseason injuries. Lineman Steve Huwe and linebackers Bryan Hagelskamp and Ben Garden, all starters last season, are all hurt.



Senior halfback A.J. Wilkerson runs for paydirt against Franklin last season.

son, are all hurt.

The defensive front is led by ends Matt Allen and Clinton Sharp.

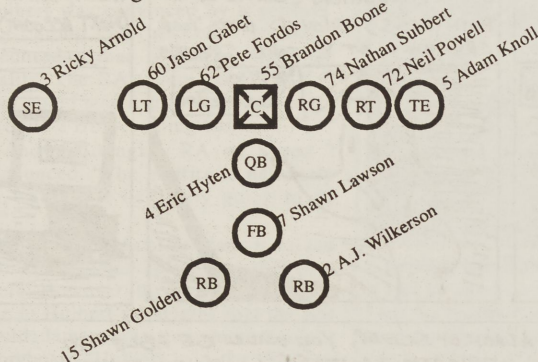
The linebacking corps will be bolstered by the transition of former fullback Stuart Quay to middle backer.

Cornerback Tony Hinkle and safety Tony Kohl man the back of the Engineers' 4-4 defense.

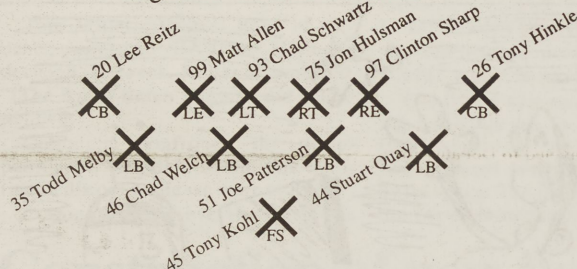
## 1996 Engineers Football Schedule

Sept. 7	Home vs. Millsaps	1:30
	(Hall of Fame Game)	
Sept. 14	at Univ. of the South	1:30
Sept. 28	at Univ. of Chicago	1:30
Oct. 5	Home vs. Wabash	1:30
	(Homecoming)	
Oct. 12	Home vs. Anderson	1:30
Oct. 19	at Manchester	2:00
Oct. 26	Home vs. DePauw	1:30
	(Dad's Day)	
Nov. 2	at Franklin	1:30
Nov. 9	at Hanover	1:30
Nov. 16	Home vs. Washington	1:30

## Engineers' Offensive Starters



## Engineers' Defensive Starters



Rose Drama Club presents:

**LITTLE SHOP OF HORRORS**

No, it's not about the Rose bookstore, it's a musical comedy guaranteed to be a superhilarious experience!!

Auditions:

September 10, 11  
7:30 in the Auditorium

Info Meeting: Sunday, Sept. 8  
7:30 in the auditorium

For more info, contact Shawn Eads 877-8129 x231

by Joel Gillespie  
Sports Editor

The young Rose-Hulman soccer team won its first season opener since 1986 against Millikin and is looking to build momentum Saturday in a home match against Simpson (Ia.).

Simpson is expected to bring a breakneck, attacking brand of soccer to Rendel Field, which should be an interesting contrast to the Engineers' more deliberate style.

The 11 a.m. match is the first-ever meeting between the two schools, and is part of Saturday's Hall of Fame festivities.

Past slow starts were an albatross around the neck of the team going into the season opener. However, with some unexpected scoring from defensive players and stellar goalkeeping, the Engineers blasted Millikin, 4-1.

Rose dropped a 1-0 decision to Marian College in their second game, evening their season record at 1-1.

Junior defender Bo Fowler had two goals in the victory, and junior forward Andy Zehnder picked up a school-record-tying three assists. Junior Kelly Ojala and freshman Neil Kuszubski scored a goal apiece.

Sophomore keeper Matt Top-

pin held the Big Blue scoreless until ninety seconds remained in the game.

The Marian game was a bit of a letdown for the Engineers, as they were outshot 17-6 in the contest.

After losing four-time all-ICAC performers Gabe Ferland and Robb McGhie to graduation, the Engineers are looking for someone to take up the scoring slack this season.

Ferland left as the Engineers' all-time leading scorer with 48 goals, and McGhie was a four-time team MVP, so they left some big shoes to fill.

Senior Wayne Moore, junior Andy Zehnder, and sophomore Mike Schreifels are being looked upon to share the scoring load this season.

Head coach Greg Ruark said of Schreifels, "He has come in and been a spark."

Of Zehnder, "He will have a lot of opportunities to score, and he needs to capitalize on them."

Of Moore, "He will be asked to pick up his scoring."

Daffron and Fowler

return to make the Engineers' defenders the most experienced unit on the team. They will be joined by juniors Justin Schaefer, Kelly Ojala, and Ryan Van Voorhis on the back line.

At midfield, juniors Brett Kleeberger and Kevin Kayser, as well as sophomore Ben O'Day, will be looked on to step up their play.

A strong crop of freshmen are already making their presence felt on the team. Speedy midfielder Keoni Sundseth has cracked the starting lineup, and Kuszubski and Cody O'Neil are key reserves at forward.

## 1996 Engineers Soccer Schedule

Sept. 7	Home vs. Simpson	11 am
Sept. 13	Home vs. Principia	4 pm
Sept. 14	Home vs. Earlham	12 pm
Sept. 21	Home vs. MacMurray	1 pm
Sept. 28	Home vs. Hanover*	1 pm
Oct. 2	Home vs. St. Joseph's	3:30
Oct. 5	Alumni Game (Home)	11 am
Oct. 9	at Franklin*	3:30
Oct. 12	at North Central	2 pm
Oct. 17	at Wisconsin-Water	4 pm
Oct. 19	at Gustavus Adolphus	1 pm
Oct. 26	at U. of Indianapolis	12 pm
Oct. 29	Home vs. Wabash*	3 pm
Nov. 2	at Manchester*	2 pm
Nov. 6	Home vs. DePauw*	3 pm
Nov. 9	at Anderson*	

\* denotes ICAC conference games



Thorn Movie Review: *The Scissors*

From the producers of *The Rock* and *The Paper* comes the motion picture experience of the summer, *The Scissors*!

*The Scissors* stars Richard Dryfuss as "Tim," a tailor gone bad, and Bet Midler as the "woman who loves Tim."

"*The Scissors* is two hours of sheer terror," raves Jean Syskill.

Roger Eggbert said "It was better than *The Paper*

but not as good as *The Rock*."

Despite impressive reviews, many theater owners are avoiding *The Scissors*. Proprietor Buck Hancy of the Hoosier theatre is one of these angry owners.

"We will not run with *Scissors*," said Buck.

*The Scissors* has been rated PG-13 for adult content, adult language, and close-ups of Bet Midler (which the producers are sorry for.)

## Thorn computer contest

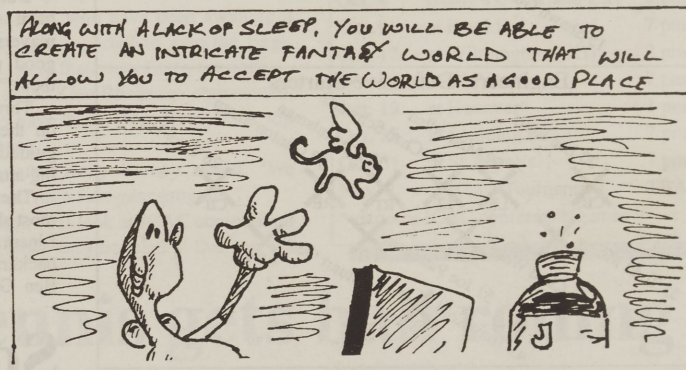
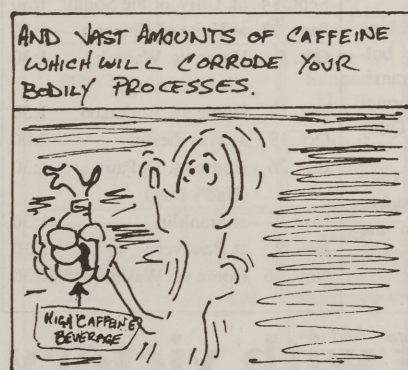
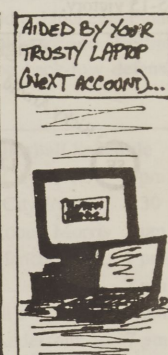
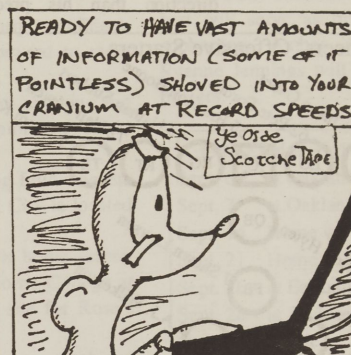
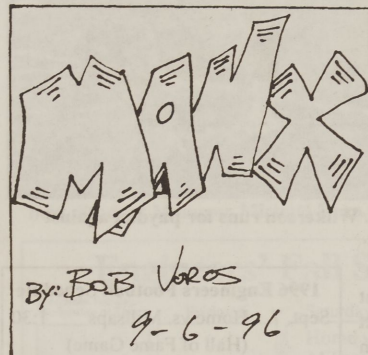
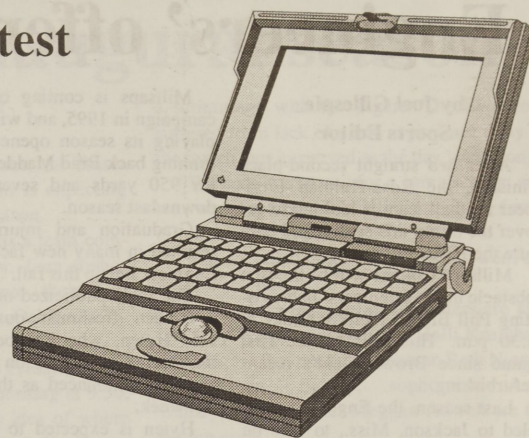
## How to Enter:

Fill in the following form and return to Rose-Hulman Security

Hi, my name is \_\_\_\_\_  
I think \_\_\_\_\_ laptops  
will be stolen this year.

Person with closest guess wins!  
Winner receives free laptop computer  
(similar to freshman model)

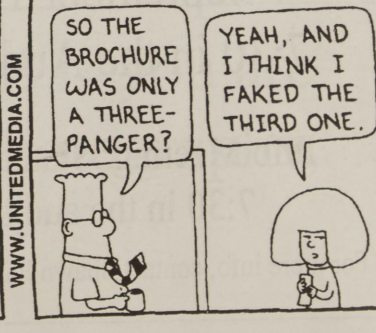
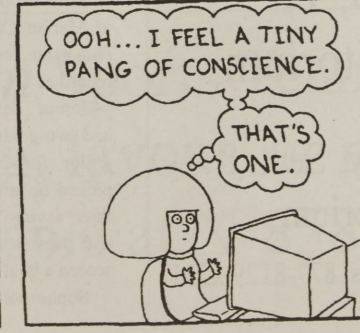
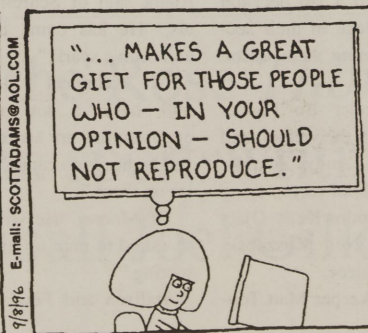
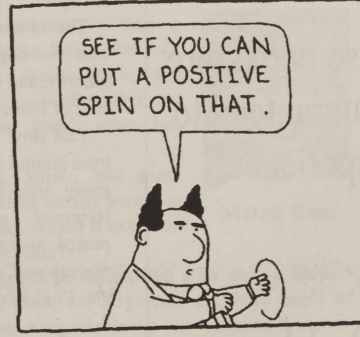
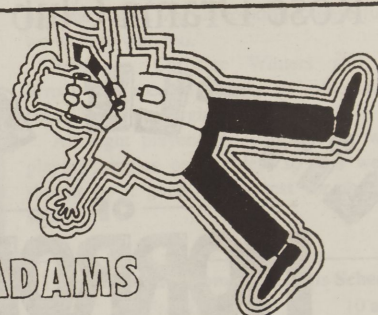
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BY

SCOTT ADAMS



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