



Rochester Area Engineers Do Grad Work Via Corporate TV, RIT Class

Almost 900 engineers in Rochester area industries have had classrooms brought to them through the College of Engineering at RIT.

The RIT College of Engineering, in cooperation with the RIT Television Center, offers videotaped graduate courses on closed circuit television for viewing at the engineers' places of employment at times mutually convenient to them and their employers.

Since the program was initiated in fall 1971 at Eastman Kodak Company and Xerox Corporation, it has expanded to Stromberg-Carlson Corporation, General Railway Signal Company, Gleason Works, Rochester Telephone Corporation and Sylvania Electric Company.

More than 260 students were enrolled the past quarter. Dr. Richard A. Kenyon, dean of the College of Engineering, describes the program as "a significant part of the total operation of the RIT College of Engineering" and expects demand to level out at 10 to 12 companies and upwards of 1,000 students each year.

The courses allow the students to earn their master's degrees, if they choose, or simply keep up with their rapidly changing fields.

"This is probably the least painful way to pursue a graduate degree," commented Lew H. Mariotti, a manufacturing engineer at the Kodak Apparatus Division (KAD). "A lot of people wouldn't have gone on if it weren't for this convenience."

"I started a graduate program in 1965 at RIT after work," said Roger G. Gilbert, an engineer in the KAD research laboratory. "For various reasons I had to drop out. I wasn't really that motivated. When this program came along, it was the easiest way for me to start again." **con't p. 2**

Student Group Works To Recycle Waste Paper

The tons of waste paper that RIT produces each year may be recycled into useful products if the efforts of a group of RIT students are successful.

The group--Perpetual Life Recycling--grew out of a General Studies course called "Man Builds--Man Destroys."

Their biggest project for the year, according to student member Mike Belle-Isle, is to get an unused baler moved from the Metropolitan Center Campus at 50 W. Main St., to Henrietta.

The baler would be used to bale waste paper into 500 lb. bales so it could be delivered more conveniently to area waste paper dealers.

"We just have to get enough working capital to get our operation in gear--to prove to the Institute we can afford to make recycling work," Belle-Isle said. **con't p. 3**

Parking Lot Lights Will Go On At 7 A.M.

For the safety of those who arrive on the Henrietta campus early in the morning, Tom Hussey, director of Physical Plant, has ordered lighting in parking lot D, north of the ice rink, to be turned on from 7 a.m. to dawn.

Lighting in other academic area lots will remain off as part of the Institute's continuing effort to conserve energy, Hussey said.

Ugly Man Contest Opens This Month

The annual Ugly Man on Campus contest, sponsored by Alpha Phi Omega fraternity to raise money for charity, will be held February 24 to March 2.

The contest is open to anyone on campus, and entries will be accepted at a special Ugly Man on Campus information desk in the College Union lobby February 8.

There will be a \$10 charge for registration to cover the costs of photo- **con't p. 2**



RIT President Dr. Paul A. Miller answered faculty questions about the Institute's salary and benefit program at an all-Institute faculty meeting this week. Miller termed the meeting "in the tradition of many we've had in the past . . . to arrive together at the end that's best for RIT." He said salary improvement for faculty has been "by far and away the major consideration" in planning for the master plan, the upcoming 150th anniversary campaign, and every operating budget for the last several years. "While other colleges are laying off faculty and staff, there's not even been talk of it at RIT," he said, crediting good management of RIT funds for the present financial position of the Institute.

Engineers

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Besides the convenience, participating engineers praise the program for its flexibility. Students can opt for pass - fail or degree credit. For those who choose to pursue master's degrees, their graduate programs are individually tailored to their job needs.

"There were courses that scared me in the conventional master's program," commented Dale E. Dewey, a KAD design engineer. "Not that I avoid the tough courses now, but what I'm taking has a real application to my job."

In Dewey's statement are the factors Dean Kenyon feels are the keys to the success of the program: It's meeting the real practical needs of industry while maintaining viable, rigorous, graduate - level courses.

Some schools have failed in their attempts to offer on - site courses at industries, Dr. Kenyon believes, because their courses were too theoretical and largely irrelevant to the students' job requirements.

Bill E. Jones, coordinator of technical training at KAD, said educational institutions such as RIT must work with industry to offer continuing education for the professional updating of engineers. Kodak is working with RIT, said Jones, because the Institute is willing to adapt its engineering curricula to practical needs. Since the program's inception at KAD, 15 courses have been offered at plant sites with 300 registrations.

The College of Engineering has maintained close cooperation with participating industries in designing and developing state - of - the - art and industry - oriented course materials.

"Whoever designed this program knew exactly what industry's needs are," said Robert A. Panzer, manager, Management Development and Training, at Stromberg - Carlson.

This year, Stromberg - Carlson is offering two courses during lunch hours on Tuesdays and Thursdays. They are "Analysis for Engineers" and "Integrated Circuit Operational Amplifiers" - course material highly relevant to Stromberg - Carlson's telecommunications business.

The intensive 30 - minute video program seen during a lunch hour covers as much material as the usual one - hour live class lecture.

Another advantage of the video approach is that a student who must miss a session because of business trips or other reasons can arrange to see the program at his convenience.

The program retains professor - student personal contact. RIT faculty members responsible for the courses visit their classes on a regular basis, allowing the students to ask questions. There are exams and homework.

Recognizing the value of the program, participating companies through their tuition refund programs generally reimburse those who successfully complete a course.

The program, says Dr. Kenyon, is definitely in line with RIT's commitment to serve the educational needs of the Rochester area, which often requires innovative and highly practical approaches.

Dr. Kenyon notes that a number of schools across the country are successfully offering similar programs, but none identical to the Institute's.

"Rochester has the right kind of industry and economy for this sort of thing," he says, "and it's certainly consistent with RIT's mission, which is largely locally centered."

Campbell Named To Printing Post

Walter A. Campbell has been appointed associate professor in the School of Printing at RIT, according to Dr. Mark F. Guldin, director.

Campbell will teach undergraduate students in research methods, all of these as they have application in the printing industry.



He comes to RIT from Robert Hart Printing Company (Rochester) where he was executive vice president and general manager. Prior to that he had held executive positions with Hickok Manufacturing Company, Michaels Stern & Company, and the Burroughs Corporation, all in Rochester.

Campbell is a graduate of Hobart College, and holds graduate degrees, M. Ed. and M.B.A., from the University of Rochester.

POSITIONS

As of our printing deadline, the following staff positions were open at RIT. Employees interested in learning more about these jobs and/or applying for considerations should contact Personnel (x2424) for information or an appointment.

1. Institute Receptionist, Public Affairs, Handles main switchboard; supervises Institute tour program; acts as information center in regard to receiving and directing visitors and other normal related duties. H.S. diploma or equivalent. 1 yr. related experience in dealing with the public. 8:00 a.m. - 4 p.m.

ADMINISTRATIVE

1. TV OPERATIONS MGR., TV Center Responsible for day to day supervision of operation/maintenance of the Television Center, and related distribution system. Other duties as assigned by supervisor. 4 yr. EE degree, 3 years in TV or closely related field, talent for innovative electronics. 8:30-4:30.

2. TV MAINTENANCE ENGINEER, TV Center, Perform maintenance/repair of television cameras, recorders, cable and other television systems. 2 years electronics degree or equivalent 3 years experience in TV or closely related field. TV studio experience. 8:30-4:30.

3. BIBLIOGRAPHER, Wallace Memorial Library, Organizing the searching of all monographic book request before each book is ordered. Searching each book order for such information as correct publisher, date of publication, edition, price of material. Verification of each order in terms of correct main entry, title and edition. MLS knowledge of book trade, bibliographic searching and verification essential. Knowledge or familiarity with foreign language helpful. 8:30-4:30.

4. ASST. REGISTRAR, Registrars Office, Maintain and develop computerized student records; supervisor microfilm records. Interact with students, faculty, staff to solve student problems, coordinate registration, complete reports, issue transcripts, work with Registrar, be involved in scheduling. B.S. or B.A., 2-3 yrs. or better experience, Office management and computer skills helpful. 8:30-4:30.

5. NURSERY & KINDERGARTEN TEACHER, Horton Day Care, Classroom teaching of children ages 3-5, some supervision of student teachers and aides, State Certification for Nursery- 6th grade (Position available in September, 1974), 8:30-12:30, Sept. to June

FULL OR PART-TIME

GENERAL STAFF "TEMPORARY"

1. MTST OPERATOR, NTID, Trained operator needed for temporary evening work. HOURS Vary.

Ugly

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graphing contestants.

Pictures of the contestants will be placed in the lobbies of both the College Union and Grace Watson dining hall, with a receptacle for pennies under each photo. Those wishing to vote simply drop a penny (or pennies) into the jar under their choice for UMOC. The contestant receiving the most pennies will be judged the winner.

Grant Deadlines Listed

The Office of Grant and Contract Administration reminds all faculty and staff that the following are deadlines for program application. Since Institute review and approval must be accomplished prior to mailing a proposal, applicants are requested to forward their proposals to Grant Administration one week before the listed deadlines.

Additional information may be obtained by calling: Dan Cashman, 464-2388.

NATIONAL SCIENCE FOUNDATION

1. **OPEN: Research Opportunities for Small College Faculty** faculty should contact principal investigators at local universities.
2. **Feb. 15, 1974: Instructional Scientific Equipment** matching grants for equipment required for course improvement. (74-15).
3. **March 1, 1974: Faculty Research Participation**, faculty should contact research laboratories of industrial organization. (74-17).
4. **April 1, 1974: Faculty Fellowships in Science Applied to Societal Problems.**(74-16).
5. **June 30, 1974: Research Management Improvement Program.**(74-18)
6. **OPEN: Science Engineering Technician Education Program.**(74-18).

NATIONAL ENDOWMENT FOR THE ARTS

(Visual Arts Program)

1. **Feb. 15, 1974: Visual Arts in the Performing Arts** matching grants for laboratory equipment and close-circuit TV projects matching grants up to \$5,000 for performing art groups.
2. **May 30, 1974: Photographer Fellowships, FY'75.**

NATIONAL ENDOWMENT FOR THE HUMANITIES

1. **Feb. 11, 1974: Summer Seminars for College Teachers** \$2,000 stipends for 2 month seminars in History, Philosophy and English and American Literature.
2. **March 15, 1974: Division of Education programs, Project and Planning Grants.**
3. **April 1, 1974: National Endowment for the Humanities, Youthgrants in the Humanities-Youthgrants for College Students.**

Recycle

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Perpetual Life has started earning money by recycling computer cards from the RIT computer center.

"This is going to get us off the ground," Belle-Isle said, "and we plan to investigate forming a club under Student Association so we can get that baler out here and set up recycling stations around campus."

Anyone interested in helping the recycling project should contact Mike Belle-Isle at 227-3346 or Steve Dunner at 235-7243.

NEW YORK STATE EDUCATION DEPARTMENT

1. **Feb. 15, 1974: Higher Education Act Title VI-A, equipment Grant**
2. **March 23, 1974: Post-Secondary Occupational Education, Vocational Education Amendment of 1968.**
3. **March 1, 1974: U.S. Department of Labor, Manpower Administration** Small grant \$15,000 max., Research projects under the Manpower Development and Training Act. Deadlines 1 March and 1 June 1974.

EXXON EDUCATION FOUNDATION

1. **March 1, 1974: Projects that promise to lead to wide improvement in instruction administration, or physical facilities utilization in higher education** Preliminary outline of project to be submitted by 1 March 74. Research & Development Grants up to \$100,000.
2. **March 1, 1974: Impact Program**, grants up to \$6,000 are available to share the cost of implementation of 1 of 4 teaching and training innovations previously developed under Exxon Grant.

NAVAL SHIP RESEARCH AND DEVELOPMENT CENTER

1. **March 15, 1974: Problems related to the design of ship and submarine hulls and appendages.**

Winter Weekend Schedule Includes Dance Marathon, Sports

Couples who are entering the dance marathon planned for Winter Weekend (February 15 and 16) must register Monday, February 11 at the College Union information desk, Steve Miller, director of Talisman Film Festival and chairman of the marathon said.

Miller said only the first 50 couples will be accepted for the marathon, which is planned to start at midnight, Friday, February 15 and continue until midnight Saturday, February 16.

A complete schedule of Winter Weekend activities is:

Thursday, February 14

8-10 p.m., Buffalo Bob & Howdy Doody Time(live), \$1.50, Ritter Clark Gym. Advance tickets at CU desk. Sponsored by Greek Council. Howdy Doody preceded by "Odd Couple Pageant"

10-2 a.m., Valentines Day Dance- CU Cafe; \$1.00 Admission, cash bar, live band featuring "Whale", sponsored by College Union Board with assistance from Tech Vets & BACC.

8:30 p.m. to End, An evening with "Richard Harris," Arts Center, Nazareth College, tickets \$3.00 student, \$6.00 others.

12 mid.-4 a.m., Broom Hockey, sponsored by Alpha Phi Omega, Ice Rink, all teams must pre-register.

Friday, February 15

12 noon-6p.m., Skiing at Bristol Mountain,

County Examiner Plans

Talk On Forensic Science

Those who have a science background and aren't traumatized by violence, disaster and death, might find a career in forensic science very lucrative and satisfying.

That's what Dr. John F. Edland, Monroe County medical examiner, plans to tell RIT science students and others who listen to him speak at RIT Tuesday, Feb. 12.

The talk on "Opportunities in the Forensic Sciences" will be at 1 p.m. in Room 1250 of the College of Science.

Forensic science is the application of medicine to the law. It involves poisons, ballistics and firearms, autopsies, crime scene investigations, serology, toxicology, criminology, anthropology, and other specialized areas.

According to Dr. Edland, the field is crying for people. And the pay is another half more than the average college graduate could command fresh out of school.

reduced rates. Buses leave at 11:00 a.m., Grace Watson Circle, \$3.50 lift tickets, \$2.50 rentals, \$2.50 lessons. Buses \$1.00, sponsored by Centra. (\$7.50 packet for beginners) Tickets available at CU information desk.

3 p.m.-6p.m., Nazareth College, Nazareth Student Union, admission \$1.00, all the beer you can drink plus live entertainment.

1 p.m.-3 p.m., Country Cooking(live) Blue Grass Music, Grace Watson Hall, free. Sponsored by College Union Board, Social Division.

2 p.m., 7:30 p.m., & 10 p.m., Talisman, "They Shoot Horses, Don't They?" College Union, Ingle Auditorium \$1.00.

8:30 p.m.-1 a.m., Nite Club, Grace Watson Hall, Proctor & Bergman of Firesign Theatre Fame, with "Saffron", \$1.00 admission and cash bar. Sponsored by Centra.

12 mid.-4 a.m., Broom Hockey, continued, sponsored by Alpha Phi Omega, Ice Rink.

12 mid. (for 24 hours), CUB Dance Marathon, CU cafe, snacks & refreshments served. Music by WITR. "Satin Sounds" live from midnight to 2:00 a.m., free.

Noon-1 a.m., CU Recreation, Bowling, billiards and pinball, CU

Saturday, February 16

11 a.m.-2 p.m., Bloody Mary Brunch, Kearney Hall Nazareth, \$1.25-tickets at door
2 p.m.-6 p.m., Nazareth Open Dorms, open/free beer

2 p.m. - End, Swimming, RIT vs. Genesee (home).

2 p.m.-End, Volleyball Game, RIT vs. Nazareth at Nazareth Gym.

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EVENTS

Meetings

Friday, February 8

11 a.m.—SA Cabinet Meeting; Mezzanine Lounge.
9-12 p.m.—Concert Night at the Cellar; Featuring Peterson.

Sunday, February 10

1 p.m.—“Freak Out In the Snow” —sponsored by the Gay Revolution of Women; Cobb's Hill Skating Rink; bring own munchies and drinks; Contact: Cath Thurston at 2244-9030. Following the outing there is an “Open House” at Sandra's, 22 Lansdale Street, 5-10 p.m.
5:30 p.m.—Hillel Meeting & Deli Dinner; Koshar Korner under Colby.
7-9 p.m.—Boswell Coffee House; multi-purpose room.

Monday, February 11

4-10 p.m.—Food Service Executive Meeting; Service Dining Room.
5 p.m.—CUB; Union Alumni Room.
6 p.m.—Gamma Sigma Meeting; Kate Gleason North Lounge.
6 p.m.—SOS-4; Union Dining Room.
7 p.m.—SA Senate Meeting; 06-A201.
7 p.m.—Student Hearing Board; Mezzanine Lounge.
7:30 p.m.—Student Safety; NRH Levi Lounge.
7:30 p.m.—“Love-the Most Human Skill”; sponsored by the Catholic Campus Parish; General Studies Aud.; \$3. per person for the series.
7-8 p.m.—RIT Chorus Rehearsal; Multi-purpose room.

Tuesday, February 12

1 p.m.—WITR Board Meeting; Mezzanine Lounge.
1 p.m.—Civil Technological Engineers Fellowship; NRH.
7 p.m.—State Band; Multi-purpose room.
8-11 p.m.—Grace Watson Coffee House; featuring Skip Evans.

Wednesday, February 13

11 a.m.—Mechanical Engineering Seminar; “Small-Scale Utilization of Solar Energy” with Dr. John F. Eiter of Xerox Corp.; College of Engineering Room 1030; Contact: R.B. Hetnarski at 2157.
8 p.m.—Outing Club; NRH South Lounge.

Thursday, February 14

3:30-4:30 p.m.—Campus Forum with President Miller; College Union Lounge.
4 p.m.—Chemistry Seminar; “Oxidation of Short Chain Fatty Acids” by Dr. C. Whitlock of RIT; Host R.L. Craven; College of Science Room 3154; Refreshments will be served at 3:30 in the Library Room 3100.
4:30-6:30 p.m.—Happy Hour; Mezzanine Dining Room; Free Nibbles.
7 p.m.—RIT Chorus Rehearsal; Multi-purpose Room.
7:00 p.m.—Centra; Fish Rec Room.

Special Events

Monday, February 11

4-10 p.m.—Food Service Executives; Union Dining Room; Contact: Bob Day at 2862.

Tuesday, February 12

7:30 a.m.—“Second Tuesday” featuring Dr. Seymour L. Wolfbein of Temple Univ.; Top of the Plaza; Reservations.

Thursday, February 14

6 p.m.—“Italian Cruise”—sponsored by Seniors in the Food Administration program; Reservations: 464-2351. \$5.75 per person.

Starting February 11

Speed Reading Course; sponsored by the Reading & Study Clinic; Monday & Wednesday 11-12 p.m. and Tuesday & Thursday 10-11 a.m.; open to all faculty, staff and students; No fee; Contact: Reading & Study Clinic or call 464-2281. This is a 5 week 10 hour course.

Coming on March 2

RIT Women's Club “Dollars for Scholars” Dinner-Dance; Mapledale Party House; \$15 per couple. For reservations contact: Joan Smith at 385-1868 or Celeste Prine at 223-4913. Proceeds will go for student scholarships.

Exhibits

Through February 17

MFA Gallery—Photography as a Fine Art; class show by Fine Art II class; Contact: Brad Hindson, photo school.

Through February 13

CU Lobby—Michael Schwieger, Erotic Photography.

Daily

Michael Angelo's RIT Student Gallery; Kate Gleason Hall; featuring photography, crafts, fine arts, Open Mon-Frid 7:30-10:30 p.m.; Sat & Sun 2:30-9:30 p.m.

Now through March 31

Campbell-Whittlesey House—“Made by a Child in 1835” an exhibition of childrens crafts from the early 19th century; 123 S. Fitzhugh Street; Tuesday through Saturday 10-5, Sunday 1-4 p.m.

February 11 to March 1

Bevier Gallery—Modular Constructions by Stephanie Cole; 9-4 daily.

Movies

Friday, February 8

7:30 & 10 p.m.—“The Go-Between”—Talisman Film Festival; Julie Christie plays a spoiled rich heiress in England who has a secret love affair with a tenant farmer. She employs a 12-year old boy as a go-between to take messages to her lover and his participation ends in tragedy; Ingle Aud.; \$1.

Food Administration

Students Plan “Cruises”

Seniors in the Food Administration program at RIT are hosting a series of international “food cruises” beginning in February.

Designed to allow those who attend to sample the cuisine of several different countries, the “cruises” will be held Thursday evenings in the Henry Lomb Room on the fourth floor of the administration building on the Henrietta campus.

Reservations, at \$5.75 per person, may be made by calling the Food Administration office at 464-2351.

Dates and cuisines to be covered are:
February 7 Caribbean
February 14 Italian
February 21 Swiss/German
February 28 French
March 7 Colonial US

Saturday, February 9

7 p.m.—“Ivanhoe”—Captioned Film Series; General Studies Aud.; Free.
7:30, 10 p.m., & midnight—“The Last Picture Show”—Talisman Film Festival; A narrative of life in a bleak Texas town in 1951; Ingle Aud.; \$1.

Sunday, February 10

7:30 & 10 p.m.—“Dealing”—Talisman Film Festival; A potpourri of crooked cops, double crosses, and close calls that culminates in a grand finale chase sequence alternating between edge-of-seat suspense and belly-aching laughter. Ingle Aud.; \$50.

Wednesday, February 13

3 & 7 p.m.—“Goldrush”—Library Film Series; Room A-100 of Library; Free.

Thursday, February 14

3 & 7 p.m.—“The General”—Library Film Series; Room A-100 of Library; Free.
9 p.m.—“Spaceship to the Unknown”—Cellar Film Series; in the Cellar; Free.

Sports

Friday, February 8

JV Wrestling—RIT vs U of Buffalo—6:30 HOME
Wrestling—RIT vs U of Buffalo—7:00 HOME

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2 p.m.-4 p.m., Winter of '74 Frolics, Part 1 - outside Grace Watson. A winter field day bonfire, iceskating, snowman building contest, tug-o-war on the ice and refreshments, Music by WITR.

8:30 p.m.-12:30 a.m., Concert, “Richie Havens” sponsored by CUB Social, Ritter Clark Gym, tickets \$3.00 with College ID card, \$4.50 others.

All day-midnight, Dance Marathon, finals, cash bar and refreshments. CU Cafeteria. Live entertainment from 8:00 p.m. to midnight - “Mike Arena Sptet” Free Admission.

4 p.m., 8 p.m., and midnight, Talisman, “2001”, Ingle Auditorium, CU \$1.00

Midnight-4 p.m., Broom Hockey Finals, sponsored by Alpha Phi Omega, Ice Rink.

Sunday, February 17

1 p.m.-4 p.m., Winter of '74 Frolics Part II, toboggan party, sponsored by Nazareth College Social Board. Mendon Ponds.

7:30 p.m.-10 p.m., Talisman, “Caesar & Rosal” Ingle Auditorium, CU, \$5.00.

8 p.m.-End, Hockey, RIT vs. Fisher (away)

7 p.m.-10p.m., Boswell Coffee House, RIT Multipurpose Room, Food and Live entertainment, “Rich Fahey and Chip Augello” free admission.

Tickets for all events will go on sale Monday, February 4, 1974, at the CU Desk. For information, call 464-2508.

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