

R^{IT} Reporter

R. I. T. COLLECTION

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Number 1

Four With Doctorate Degrees

Add Six Instructors; Davis, Ulrich Return

Several new appointments to the faculty have been announced by the Dean of Instruction to handle the increasing number of classes made necessary by the larger freshman class and by upperclass students continuing studies toward the B.S. degree.

The Chemistry Department has added two new instructors, Dr. C. B. Hess and William J. Hayles. Dr. Hess was a member of the Roberts Wesleyan College Chemistry Department for four years. He is a graduate of the University of Rochester, and also attended Cornell. Dr. Hayles earned his B.S. at Roberts Wesleyan College and his doctorate at Iowa State College.

Arden L. Travis is the newest addition to the Commerce Dept. staff. He is a graduate of Syracuse U., and holds an M.A. from Alfred. A Navy veteran, he was supervisor of the Business Administration Department at the State Union Insti-

tute at Cobleskill, N.Y. Mr. Travis has had two years practical business experience and is a doctoral candidate at the University of Buffalo.

The Printing Department has appointed Hector H. Sutherland to teach the English and Journalism courses given by that department. He replaces Milton Bebee who left the school for a job in industry. Mr. Sutherland is a graduate of Dartmouth and earned his M.A. at N.Y.U. For the past six years he was connected with the Printing Department at West Virginia Tech. Mr. Sutherland will also act as one of the faculty advisors to the school paper.

Returning to RIT after a year at Cornell studying for his doctorate is Mr. Ulrich of the Chemistry Department. Dr. Warren Davis returned to the faculty of the General Education Department after a year spent in the Philippine Islands on a Fulbright Fellowship.

Prexy Extends Welcome



This week some of you return to continue your studies at RIT. Others are launching careers on a higher education level for the first time. To all of you, on behalf of the Board of Trustees, the faculty and staff, it is my pleasure to extend to you a warm welcome to the Institute.

I am sure you will find these exciting times in both academic and physical growth of RIT. We are happy that you will be able to share with us these days of progress at the Institute.

We feel that it is of the utmost importance that you be diligent in your chosen field of study. Knowledge gained in the classroom is the cornerstone on which will be built your usefulness in your profession.

We are hopeful that you will take advantage of the many and varied extracurricular activities offered at RIT. The combination of a good technical background and the strong thread of general education gained in your study program coupled with an active part in extracurricular activities will serve as an aid to your being a well-rounded, well-informed person who can be of real assistance to his community.

We believe that every student should be competent in his chosen work, but in addition he should be a good citizen vitally interested in community welfare.

We wish you well during this academic year, and the faculty and staff stand ever ready to assist you with problems, either professional or personal. We are sure that you will add lustre and honor to RIT.

—MARK ELLINGSON

Registration Activities Begin

'54 Enrollment Exceeds 1300

This year, though a lean one for many colleges and universities, has seen an increase in applicants in all of the Institute's departments. Since the post-World War II record enrollment of over 1600, the registrar's office has seen a steadily increasing number of entrance applications. This year's total is expected to be over 1300, about 300 more than the previous year.

One reason for this increase in enrollment is the installation of the degree program. More than 100 applicants come from the graduate ranks who are returning to obtain their B.S. Degree. The Registrar's Office is quite pleased with this first year response, particularly since all the departments have not begun their degree program.

This year is a lean one for many colleges and universities because of the low number of high school graduates who were the "depression babies." During the depression, the U.S. noted its lowest birth rate and the impact of this low rate is now being felt by schools all over the U.S.

Cafeteria Now Open

The Cafeteria will be open for the noon meal from 11:30 to 1:30 and in the evening from 5:30 to 6:30. Cafeteria service with these hours went into operation for the noon meal on Wednesday, September 8 and for evening service on Thursday, September 9.

Meal tickets are available to students, faculty, and staff at a 20 per cent discount from the cashier.

Instructions for Vets Issued by Registrar

A large percentage of the enrolling students this fall are veterans receiving benefits under the Korean G. I. Bill. Included in this group will be a number of former RIT students who interrupted their education to complete required military service.

The Registrar's Office already has received carbon copies of the "Certificate of Education and Training" from the Veterans Administration for a considerable number of students.

Veterans who have not sent their original copies to the Registrar's Office are asked to bring them in immediately for examination for possible errors and so that a formal enrollment can be sent to the VA Offices in Buffalo. Veterans who have not received their certificates should report to the student Personnel Office at once.

Applicants for courses in photography under Public Law 550, the Korean Bill, are required to send with their application to the VA a letter of justification. In this letter, the veteran is required to state clearly how the Institute's course in photography will enable him to achieve his vocational objective in that field.

All veterans who benefit under this law will receive monthly cash payments for each month of attendance throughout the school year. Single men receive \$110 per month; those with one dependent \$135 per month; and those with more than one dependent \$160 per

Student Council Slates Dance for Tonight

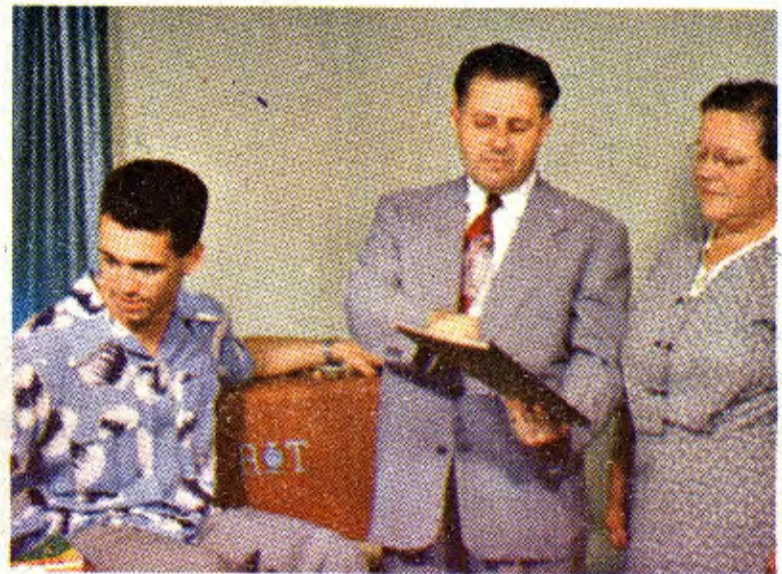
Entering students were caught in the swirl of registration activities at 9 a.m. yesterday and were joined by upperclassmen and candidates for the B.S. degree at 9 a.m. today as the gears of education mesh for another contest with Father Time.

The routine registration proceedings will be highlighted by a freshman assembly and student mixer dance. Activities included in registration are meetings with faculty advisors who will supervise the completion of registration forms and assign sections, departmental meetings, and the purchase of books and supplies from the bookstore.

Before full acceptance can be made, however, entering students who have not completed their en-

trance requirements in the form of interviews with the department counselors, examination, and physical examinations will be required to do so.

In the cases of all applicants who were permitted to take entrance tests in their own communities or on military bases, they were re-



Mr. Howard A. Simmons, the Institute's director of housing shows a new arrival his quarters and also gives his parents an opportunity to see how their son will be accommodated here at RIT.

quired to arrange for medical examinations with their own physicians.

Representatives of various student activities sponsored by Student Council and Dr. Mark Ellingson, Institute president, will address the entering students during an introductory assembly at 9 a. m., Friday, in the First Presbyterian Church, just across from the Eastman Building on Spring Street. The assembly will provide a welcome for all new students and a means of gaining first-hand information on student organizations and activities.

The annual student mixer dance, which will be held tonight at 8 p. m. in the Eastman Lounge, offers an excellent opportunity to meet fellow students, and faculty and staff. Other special events will be sponsored by the Lettermen's Club and various student organizations.

Clark Union, which provides meeting rooms and offices for the Student Council, a large lounge, and game rooms, will be open Saturday and Sunday.

Among future events, still considered part of the introductory activities, are the first Institute-wide assembly at the First Presbyterian Church and the faculty reception and dance for all students at 9 a. m. on Friday, Sept. 17.

Evening Division

Registration for the Evening Division will be held in the main corridor of the Eastman Building during the week of Sept. 20.

September 27 is the date on which evening classes are scheduled to commence.

The enrollment for this term is expected to go over the 4,000 mark.

Creative Education

Art and Design



One of RIT's major contributions to the cultural aspects of Rochester rests with the Department of Art and Design. Students from all parts of New York state and many other parts of the United States attend day-time classes in the department. In addition, countless numbers of community citizens attend classes in the evening program. The curriculum offered to RIT students today is a far-cry from the two single courses offered when the department was founded. The department's first courses, freehand drawing and design, provided the basis for the establishment in 1890 of a three-year diploma curriculum. Students received a yearly certificate at the end of each year of study in the school. The department has been instrumental in providing education for teachers of art in New York state. As early as 1933 programs were started in conjunction with other colleges to provide art education for prospective teachers. The department now has a program in education and art in conjunction with the University of Rochester. Regular full-time students may now major in advertising design or painting and illustration.



(Above) Dynamic director of RIT's Department of Art and Design is Stanley Witmeyer. Witmeyer has completed almost two years as head of the department, having assumed leadership after Clifford M. Ulp, prominent Rochester artist, relinquished controlling reins. Witmeyer previously taught courses in the department, and keeps the department in close contact with problems in commercial work.



(Above) Students put finishing touches on one or their class projects. Completing work on bowls and vases in the Department of Art and Design are (left to right) Irma Wunsch, Nancy Drake, and Lynn Skinner.

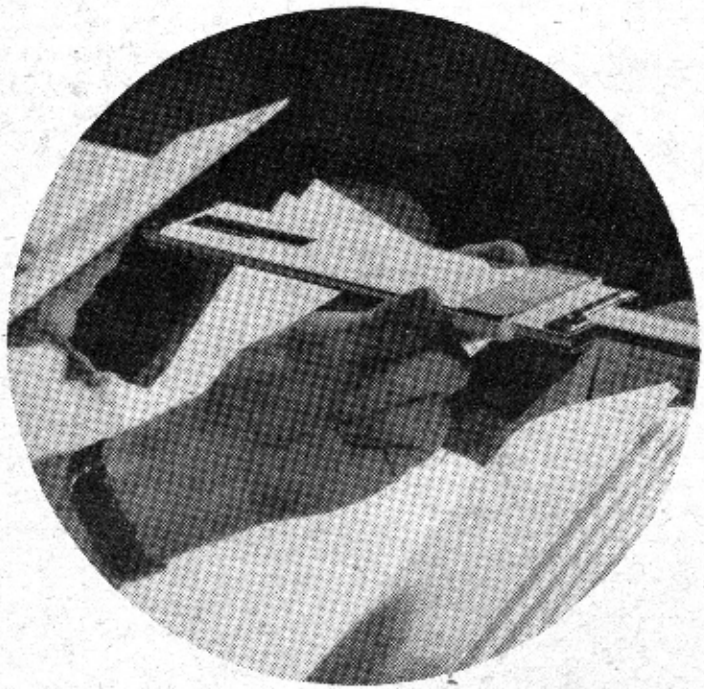
(Below) Rochester's many famous parks and Monroe County's parks provide inspirational scenery for projects of students in watercolor and oil paintings. Below, Marilyn Tafford is painting one of the many favorite scenes of art students, "Down by the Bay."



(Left) Live art is the subject for these students. Students sketch and paint a real model in different styles and poses.



Classes in the department are held on an informal basis, allowing the students to construct their ideas with a minimum of interruption. Samples appear in back.



Youthful hands exercise the slide rule; indispensable companion of the chemist throughout life. The slide rule is a must for the one who takes pride in his work.

A prime requisite of the chemist is accuracy. Here a student measures and weighs materials for a class experiment in which she will participate.



A helping hand for students is found in Miss H. Irene Tiefel, department secretary. Miss Tiefel is seen completing one of her many daily reports.



Chemistry Department

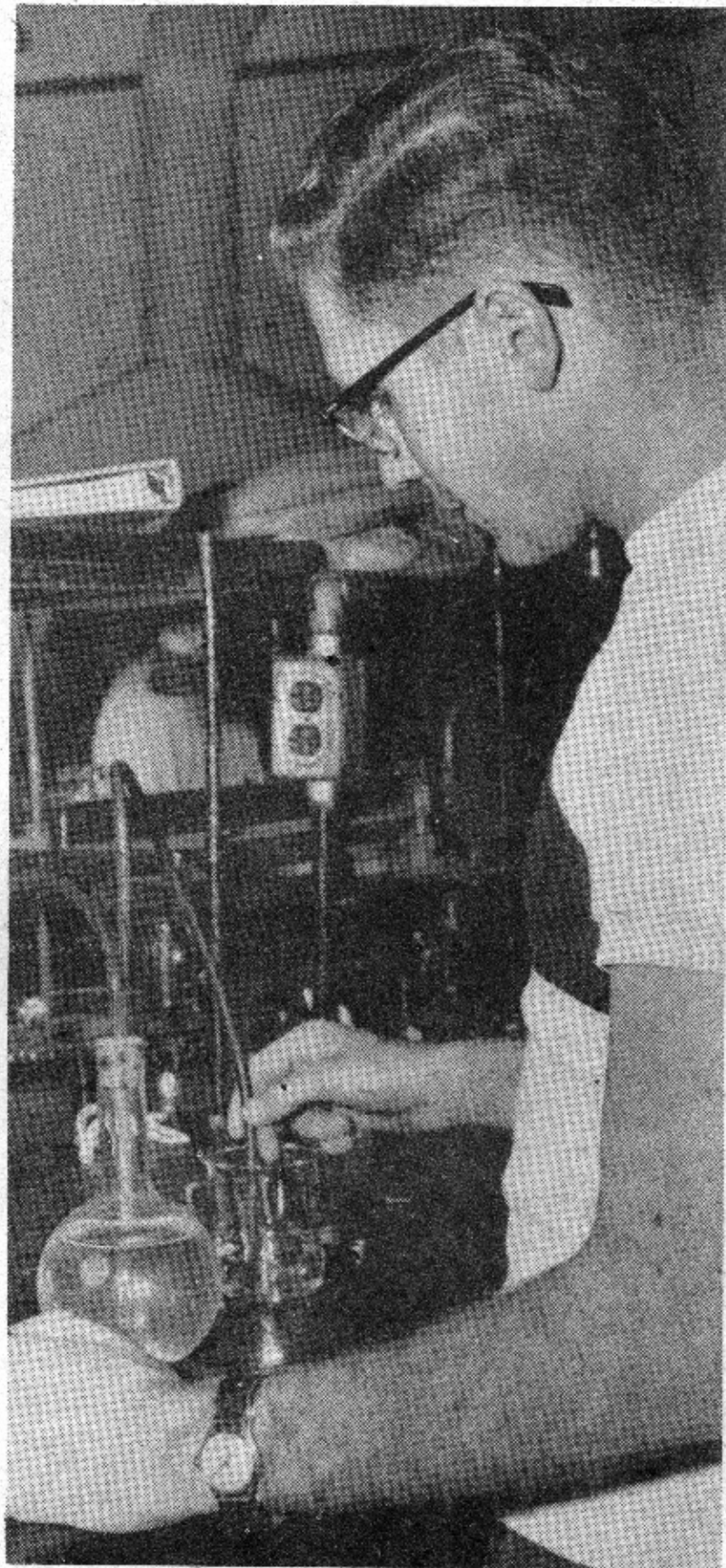
The expanding need for qualified and competent chemists in industry has created a steady demand for the graduates of the Chemistry Department. Under the leadership of Dr. Ralph Van Peurse, Department Head, the department is divided into three main groups.

The industrial chemistry course of study has a three-year curriculum, and prepares students for a wide variety of positions such as lab assistant, analytical chemist, specialist in chemical manufacturing and many others.

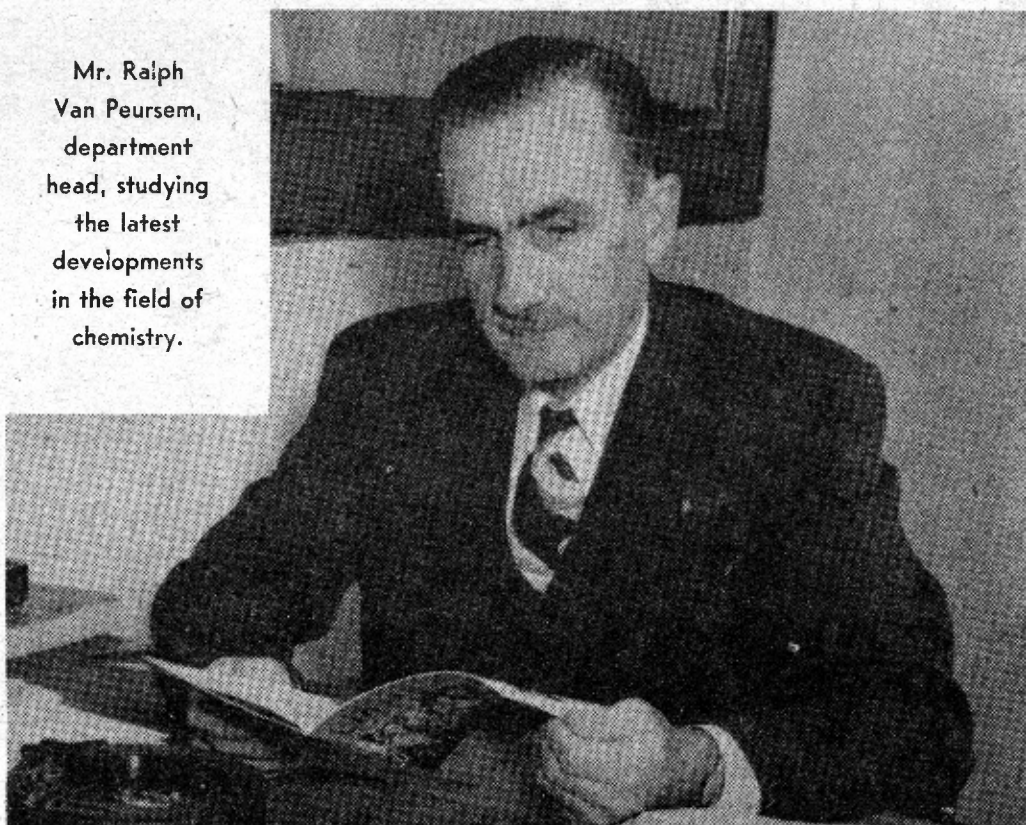
The medical technology section is a two-year course of study leading to positions in hospital labs, health clinics, industrial medicine or research labs.

The third group of courses are for the services of students in the other departments of RIT, such as Photography, Electrical, etc.

Preparation of oxygen for the decomposition of potassium chlorate is one of the first experiments for freshmen chemistry students.



Mr. Ralph Van Peurse, department head, studying the latest developments in the field of chemistry.





Coach Leo Fox preps team members for one of the squad's Varsity games. Last year's

team finished with five straight wins. The team this year will strive to break the record set.

Fox Readies Team for 1955 Season; Seniors Return to Improve Records

All basketball enthusiasts at the Institute are invited to join the ranks of the RIT Varsity squad at their first meeting of the 1954-55 season, Monday, October 4.

Coach Leo Fox hopes to hold his first registration of freshman candidates on that day in the Eastman gymnasium. Any full-time day student at the Institute is capable of joining the team. Although a large

Baseball Squad Hopes for Wins

Frank Silkman has been selected by his teammates as captain of the 1955 varsity baseball team for the third consecutive year.

Announcement of the selection was made at the 4th annual Letterman's club banquet, towards the tailend of the 1954 athletic season.

Frank, a senior in the Electrical Department, comes from Waverly, N. Y. In his first two years on the team Frank has played centerfield and has sparked the RIT baseball team with his fielding and hitting.

Although baseball is a comparatively young sport activity at the Institute, having its freshman year as recent as 1953, Frank has made his mark by hitting over .500 for both seasons.

Practice for the coming season will start early in April. All those interested in trying out should contact Coach Raymond Vosburgh, instructor in the Department of Printing.

Reporter Claims Awards For News Presentation

RIT Reporter is the official organ of the Institute, Student Association, and the Alumni Association. Financed by the alumni, this bi-weekly publication is written, managed, and produced by students trained to gather, write, and edit news.

The Reporter holds the distinction of being the only college newspaper printed on a four-color web-offset press.

The paper also serves as a medium for the Graphic Arts Research Department's experiments. In the past, work in three-color reproduction and trials with different types of offset paper have been carried out. Future experimentation will see the installation of an "ink distribution meter" which was recently developed by H. Brent Archer, GARD laboratory technician.

Continuously receiving highly complimentary remarks, this year the Reporter earned its fourth "All American" rating from the Associated Collegiate Press

number of last year's team will be returning there is ample opportunity for anyone who takes an interest in the game.

Plans have been made to open the season with Paul Smith's College on their home grounds, Friday, November 19. This will provide the team with only a short gap between the first day of actual practice and opening day.

Returning to the team will be ten members of the varsity squad. Among the returnees will be Gordy Thorp and Bob Klos who led the squad in percentage of foul shots made with both registering a high of 66%, and Will Craugh who

DLE Claims Title First Photo Frat

Delta Lambda Epsilon has the honor of being the first and only professional photographic fraternity in the world. Organized in 1946 as Phi Gamma Dectol, it was officially recognized in 1950. Last year under the supervision of Mr. Jay Brauer the fraternity was re-organized.

In order to become a member of the fraternity, a photography student must hold a 2.5 average in photographic subjects and a 2.0 average in General Education. Each student must also go through a 12-week pledge period.

Last year's president, Lee Gillan, worked closely with the group to make it one of the most promising organizations on campus.

scoring "superior" in four categories. Another noteworthy distinction was an honorable-mention award from the Lumbermen's 1953 College Newspaper Contest on Safe Driving, a nation-wide safety campaign.

Having a circulation of over 16,500, the Reporter is distributed to faculty, students and staff free of charge, and mailed to alumni and on request, to students on block. Incoming students are also mailed copies of this publication to acquaint them with campus life and activities.

The Reporter staff is chosen from the student body and the standing policy is to elect the permanent senior editors from writers and reporters who have contributed most to the paper.

Students wishing to take part in the Reporter activities are urged to report directly to Armin Wimmer, editor, during the first week of school. The Reporter office is located in the basement of the Clark Building.

reigned as high scorer for the season with a total of 236 points.

The team finished the season with a record of eight wins and ten losses. However, the team stepped up its pace towards the tail-end of the season and won the last five games in a row.

This year's schedule includes games with Brockport State Teachers, Ontario College, Roberts Wesleyan, Oswego State Teachers, Utica College, a game pending with The University of Akron in Ohio, and others.

Faculty Manager for the team is Harold J. Brodie; Student Manager, Dave Essrow.

Approximately half of the games played by the Varsity are home games. Varsity games are played after JV games at Jefferson High gym and generally start at 8:30 p.m. Students without cars may take a Dewey bus from the Four Corners to Edgerton Park.

Fencers Slate Full 1954-55 Schedule

Men's team places fifth in North Atlantic... Women seventh in Nationals... Johnson and Cooper place one-two in Amateur Divisionals... Women complete undefeated season... These headlines and many more filled the pages of the Reporter last semester praising the RIT fencing team.

It is the ambition of Harold Florescue, fencing coach, to bring

Matmen Plan Meets; Unbeaten In 1953-54

"We should have a better team than last year," this is probably one of the most often used remarks made by any coach of an athletic team. However, Earl Fuller, wrestling coach at the Institute, finds it rather hard to say anything like this. It should be difficult to say, taking into account the fact that RIT wrestlers recently completed an unbeaten, untied season never before equaled by an Institute squad.

Among their many other accomplishments, RIT grapplers annexed two 4-1 championships in Cleveland, and four Niagara AAU titles during the season.

At Cleveland, Jim Modrak and Gary Dotzler took the 137- and 157-pound honors respectively. At Buffalo, in the Niagara AAU competition, John Radocha at 128, Ross DiBiase at 155, Joe Falardeau at 136 and Gary Dotzler at 165 all walked off with first-place awards.

Returning from last year's first team will be Jim Barclay, Joe

Falardeau, Gary Dotzler, Jim Modrak, Ed Ross, and Jim Cargnoni. Coming up from the junior varsity squad will be Pete White, Doug Keeler, Lou Parriello, Chuck Magin, Jerry Hortop and Ramon Ordoeza all vying for positions on the starting team.

Two of Coach Fuller's championship team will not be returning to the mat, they are Ross DiBiase and John Radocha.

DiBiase, captain of the squad for the past year, despite a bad injury which sidelined him for the major portion of the season, came up fast and went on to cop an AAU title toward the close of competition.

Radocha, who compiled a record of 20 wins, only four losses and one tie match, will also be long remembered for his outstanding wrestling while at RIT.

The vacancies for these two spots may be filled by present members of the team. Yet, on the other hand, anyone who comes out for wrestling practice has just as good a chance.

Coach Fuller invites any and all freshmen to try out for the 1954-55 RIT wrestling team, a team that promises to be as good if not better than last year's. Previous wrestling experience is not a requirement that must be met by those students interested in trying out.

Announcements for tryouts will be made later in the Reporter.

Equestrians Find Activity In Riding Club Program

For those who enjoy outdoor fun and exercise there is an active Riding Club. One doesn't need to be a talented equestrian to join this organization. It is for any of those who like good times in the out-of-doors.

Rides are usually scheduled for Saturday mornings. The organization also sponsors breakfast rides and cabin parties.

team; returning at epee will be Carl Nelson and Bill Plunkett; and the saber team will carry Art Borock, Stan Killian and Mike Agrecky.

However, Coach Florescue is also looking forward to the entering freshmen who will fill the vacancies left by graduates.

Practice for the 1954-55 season will be held twice weekly in the Eastman Gym (time to be announced). Any full-time student, male or female, is eligible. Prospective candidates are asked to contact Coach Florescue or any member of the team.

Home matches for this season are in the process of being scheduled with the University of Detroit, University of Buffalo, Syracuse University, Brooklyn College, St. Lawrence University, Keuka College, and Fredonia State.

SKD Youngest One Of Sorority Groups

Founded in 1926 by nine charter members, SKD is the youngest of RIT's campus sororities. SKD aims to establish a closer and more friendly relationship among the women of all departments, and to encourage higher scholastic achievements.

Among its yearly events are the Sweater Dance Mixer in the fall, an Alumnae Tea, and various cabin parties and dances throughout the year. The SKD fortune-telling booth was also one of the highlights of last year's Spring Weekend Carnival.

This year, the president of SKD is Carolyn Watts, and Mrs. Robert Koch is faculty advisor.



Fencers, under the direction of Coach Florescue, begin retraining as returning squad members. Fencers will meet top college competition during the season.

Organizations Provide Activities

Intersorority Council

Intersorority Council governs the various activities that are planned and carried out by the four sororities at RIT. It sets the basis for the sorority constitutions and standards, and sponsors several intersorority affairs each year.

Among these are the annual rush party in the fall to which all prospective members are invited, an intersorority houseparty in the spring, and the Intersorority Scholastic Trophy, which is awarded

each year to the sorority whose scholastic achievements are most outstanding. Last year the trophy was won by Delta Omicron.

The Intersorority-Interfraternity Ball is also held annually, and is sponsored by both the Intersorority and Interfraternity councils.

The council consists of the presidents and a representative from each sorority, and a faculty advisor. Joan Robinson is this year's president.

Beta Chapter President Earl Wolfe, welcomes new freshmen and "returnees" back from vacation.

Social Chairman Pete Turner did such a fine job with "events to remember" last year that you will find him holding the same post. Dumpling Hill, Pete's favorite landscape has again been selected for an informal get-together for members and the sisters in Phi Upsilon Phi. The party will be held in about two weeks.

Kappa Sigma Kappa

KSK became national at RIT in 1950, when it was originally called the Chi Deltas. During the years on the campus, KSK men have made large strides in putting useful and constructive ideas to work. An annual Christmas party for the children at school No. 3, rebuilding of children's recreation centers, and weekend help to the needy are among the daily deeds of KSK men.

The "social element" of a fra-

ternity at RIT is secondary to the part it must play in being a useful and helpful organization. However, KSK has a little fun to ease the tension of continued study, and it is in the form of cabin parties, hayrides, and informal Friday night dances in the Eastman Building.

The top attraction is called the Sweetheart Ball, and it is the one dance that is done up big. Good reason for it too, the dance follows midterms in the early part of February.

Interfraternity

The Interfraternity Council functions in much the same manner as the Intersorority Council. It is composed of the presidents of each fraternity and the advisors of each, and meets early in the school year to plan and schedule the activities of the fraternities, and thereafter at the request of any member. Faculty advisor to the council is Mr. Douglas Crone.

Gamma Phi

Gamma Phi may be considered as the youngest fraternity on campus, but this has not stopped them from becoming one of the stronger organizations in RIT.

Founded in 1950, this fraternity has set out to provide a fuller social life on campus and to increase friendship, understanding, cooperation, and practice the ideals of democracy and brotherhood.

Gamma Phi boasts of Fall Weekend, a weekend of dancing and gaiety sponsored by the fraternity. It includes a Friday night affair, a Saturday night formal, and a cabin party Sunday afternoon. Some lucky coed is elected to reign over the weekend.

Alan Bills and Richard Beresford of the Mechanical Department and Department of Printing respectively serve as advisors for the fraternity.

Phi Upsilon Phi

In 1919 the oldest sorority of the Institute, Phi Upsilon Phi, was formed with the aim of promoting friendship, unity, fidelity, and scholarship.

Many activities sponsored by the group provide ample opportunity for the women to cement friendships and promote the ideals and ambitions of its members.

Phi Up presents the main musical at RIT's outstanding three-day social event, Spring Weekend.

Mrs. Jean Stampe of Retailing is the faculty advisor.

Swimming Club

One of the favorite all-school organizations at RIT is the Swimming Club. It is open to any day-school student and no one needs be an expert to join the group. Instruction is available to anyone who wants to learn to swim. Although it is one of the newest groups on campus it is one of the most active. With the capable help of Mr. William Shoemaker the club makes weekly trips to the Natatorium.

Fun and good fellowship are synonymous with the Swimming Club.

Foods Club

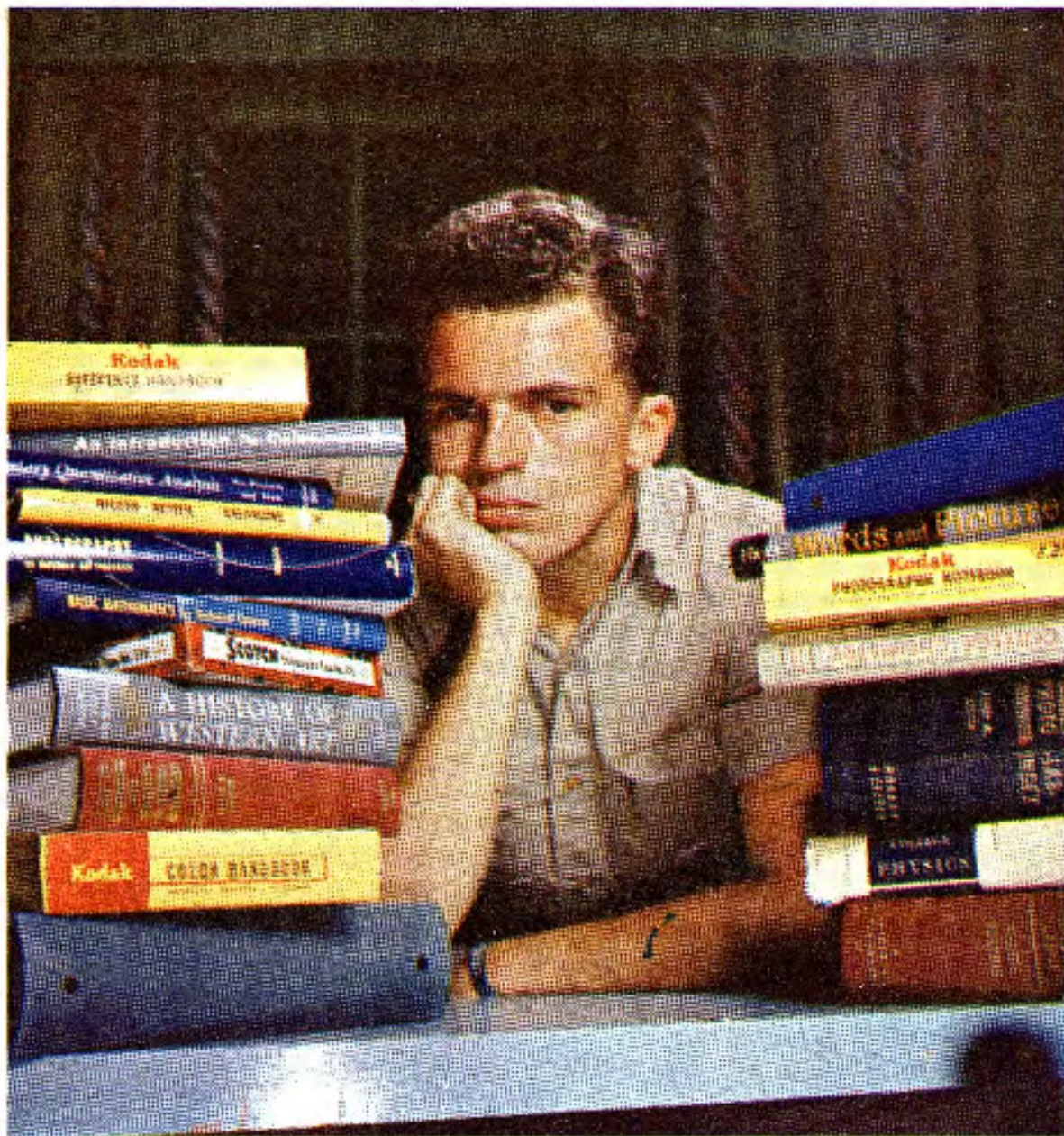
Organized in 1952, the Foods Club has been a rapidly growing organization which promotes both educational and social programs for the students of that department.

The group meets at least once each month so that the members of the club may become better acquainted with each other, and may carry out the business of the club.

Choraliers

RIT's Choraliers, although one of the very newest groups at the Institute, have made a good name for themselves. Under the capable direction of Mr. Philip Kaufman, the group has made several formal appearances, each of which has been a huge success.

The Choraliers meet every Tuesday and Thursday at 5 p.m. and is open to anyone who can hold a note.



Dear Mom:

Today I purchased quite a few books at the bookstore and as you might suspect, I'm running low again on funds. Joe, my roommate was wiser, I'm afraid, than your son. He bought some books at the Student Council Book Exchange in Clark Union. He found that students who no longer need their books can bring them to Mrs. Miller at the desk and she will sell them. That's how he got his; used but still readable, and a lot cheaper.

Tonight the school is giving a freshman mixer dance. It's a good opportunity for all the incoming students to get together and meet their fellow men . . . and girls! The school also plans on having informal dances every Friday night and perhaps even a big dance on Saturday night about once a month.

Incidentally, I'm sure you caught the hint in this lengthy epistle. I'll be waiting impatiently for a letter. Write very soon . . . your boy.

Departmental Clubs Hold Interest

Crafts Club

All students are automatically eligible to become members of the Crafts Club upon enrollment in the School for American Craftsmen.

Purpose of the club is to give the members an opportunity to express their opinions, to create new friendships, and to acquaint themselves with the responsibilities they have undertaken as students.

Regular business meetings of the club are held weekly while special occasions may warrant an extra session.

Pi Club

Through the use of educational films, field trips, and talks by prominent leaders in the graphic arts, the Pi Club promotes the educational and social interests of the students in the Department of Printing.

Members of the club include students and instructors of the department. Any student pursuing a full-time course in printing may join. Although the club is devoted to

the advancement of printing education, picnics, and parties held throughout the year enable the students to become acquainted with each other.

Last semester's activities included a trip to the Hammernill Paper Co. at Erie, Pa., and the showing of a film on the use and operation of the Fotosetter.

This semester the club will be presided over by Russell Adams. Faculty advisor is Mr. Richard Beresford.

Camera Club

One of the more recent clubs to be formed at RIT is the Camera Club. And in its recent years it has acquired a reputation known throughout the Institute.

Feeling that the fraternities and sororities on campus are quite capable of fulfilling the students' social needs, the Camera Club directs most of its attention to the professional field. However, an annual mixer at the beginning of the year and a banquet toward the close of the semester are held by the club.

During the year two salons are held, one in the spring and one in the fall. Also on the agenda each year are two field trips.

Darkroom facilities are provided for members. Anyone is invited to join the club whether or not he is a member of the Department of Photography.

Advisor to the Camera Club is David Engdahl.

Electrical

Trips to the Bethlehem Steel Plant at Lackawanna, and to different stations of the Rochester Gas and Electric Corp. are two of the many interesting features of the Electrical Student Association's plans for this year.

Primary objective of the association is to promote social events and provide educational trips and films for its members.

Two social events each year are held for both students of A and B blocks. Students also are given a chance to acquaint themselves with each other through intramural sports sponsored by the group.

Alpha Psi

Alpha Psi, founded in 1921 to establish a friendly spirit of sisterhood and good will among the coeds of RIT, is one of the largest and most active sororities on the campus.

Sponsoring many activities and dances, they help many of the new students get acquainted with their classmates and also with the junior and senior students. These friendships may be remembered and cherished long after graduation.

Jessica Salvia is this year's president and Miss Ferne King of the Food Administration Department is the advisor to the sorority.

Theta Gamma

If you look for the colors of black and gold on the RIT campus, you will soon see the brothers of Theta Gamma helping the school and the community.

The Sigma chapter of Theta Gamma fraternity was founded at RIT in 1901. Since that time it has grown to be one of the finest on campus. They hold many social, as well as charitable activities. Their interest in all school functions give them the fine reputation which they now have at RIT. Theta Gamma's annual "Sno Ball" is one of the most popular formals. Members of Theta Gamma are active in other school organizations including Student Council, Newman Club, Swimming Club, and others.

The newly elected president is Laurie Herlan, and the advisor is Mr. Clarence Tuites of the Electrical Department.

Delta Omicron

Living up to their high ideals, Delta Omicron has proven itself a fine sorority. Founded in 1921, by eight charter members, DO has grown along with the Institute. Their high scholastic standards emphasize the type of organization which they have.

Highlighting their social functions is their annual Minstrel Show, which is part of the social calendar of DO. Members of DO are active in many other school organizations and functions.

Rita Madalena is the president of DO, and the advisor is Mrs. Milton Bebee.

Directory

Sponsored by Student Council, the 1954-55 edition of the Student Directory will soon be published.

This handy guide lists the names, addresses, and telephone numbers of all students and faculty members at RIT. The hometown addresses of students are also to be found in this booklet.

Distribution will be made by the various departments, and it will be free of charge. The funds for the directory are appropriated by the Student Council and come from the Student Association fees.

Newman Club

Newman Club members gather every other Monday at 8 p.m. in the Assembly room of the Eastman Building and provide an opportunity for Catholic men and women to plan religious and social activities.

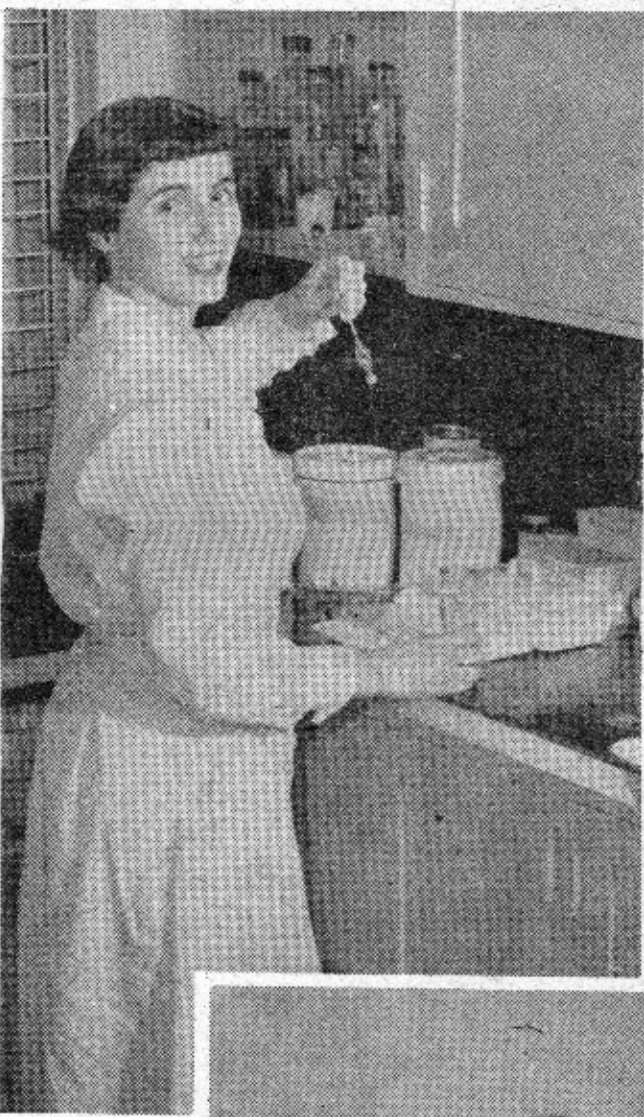
Matters relating to faith and morals are discussed briefly at each session. The Catholic view is expressed at the meetings; however, all students are invited to attend.

Commerce Department



Mr. Stauffer, (left) department head and counselor, is kept busy with appointments and meetings that enable him to co-ordinate all phases of department functions. Students (below) are being instructed in the operation of a book-keeping machine, one of the many automatic office machines used in the business world.

(Photos by Tom Tietjen)



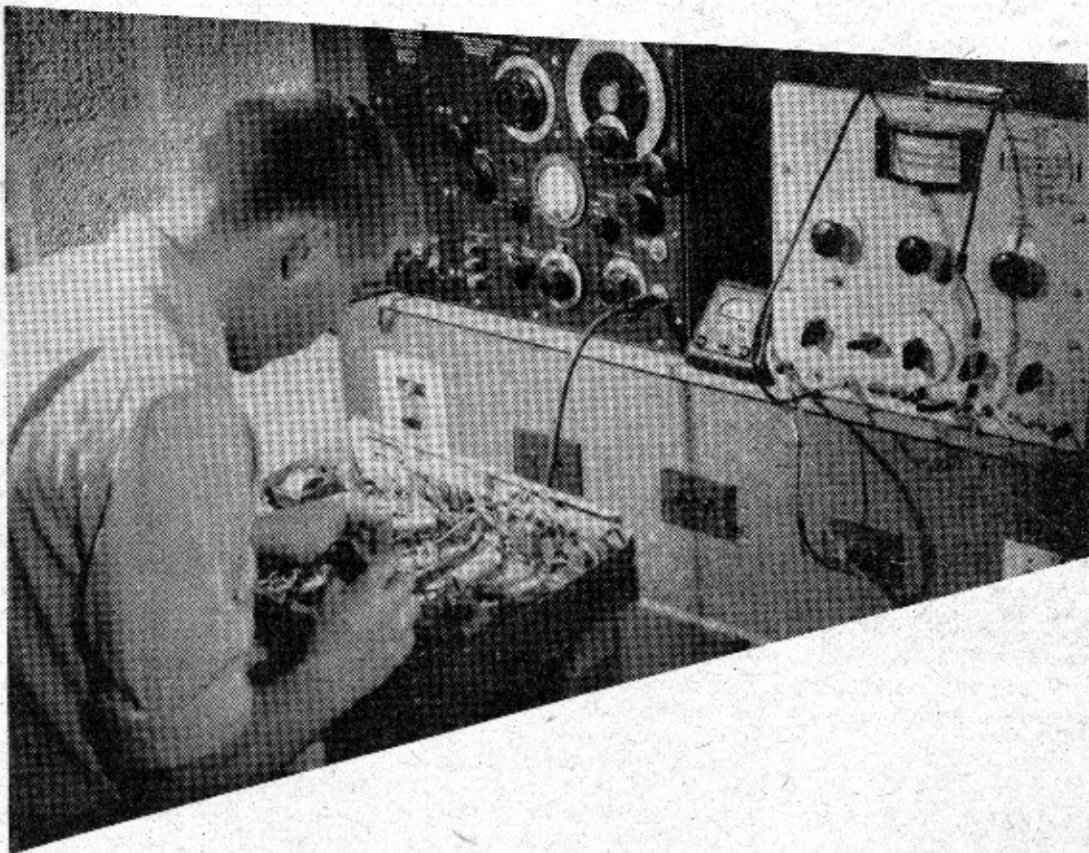
The recent addition of the Commerce Department has extended the services of RIT into the secretarial and business administration fields. With courses offered on both a cooperative and full-time basis, students are enrolled in such program majors as Executive Secretarial, Accounting, Market Management and Real Estate and Insurance. Provided with broad general business administration and technical education, along with emphasis in some particular field, students are better qualified for responsible positions and promotions. A Medical-Dental Secretarial course is also offered which serves to prepare young women for positions as secretaries to physicians and dentists.

A class in filing, (top right) acquaints the students with modern practice in correspondence and general filing. The reading back of time-tested dictation (bottom right) while the class checks closely for mistakes is also included in curricula of the department.



A Med-Secretarial major (above) gets valuable on-the-job training as a Lab Technician assistant along with the secretarial duties (right) of a doctor's office in the Medical Arts Building.





Rit's Electrical Department

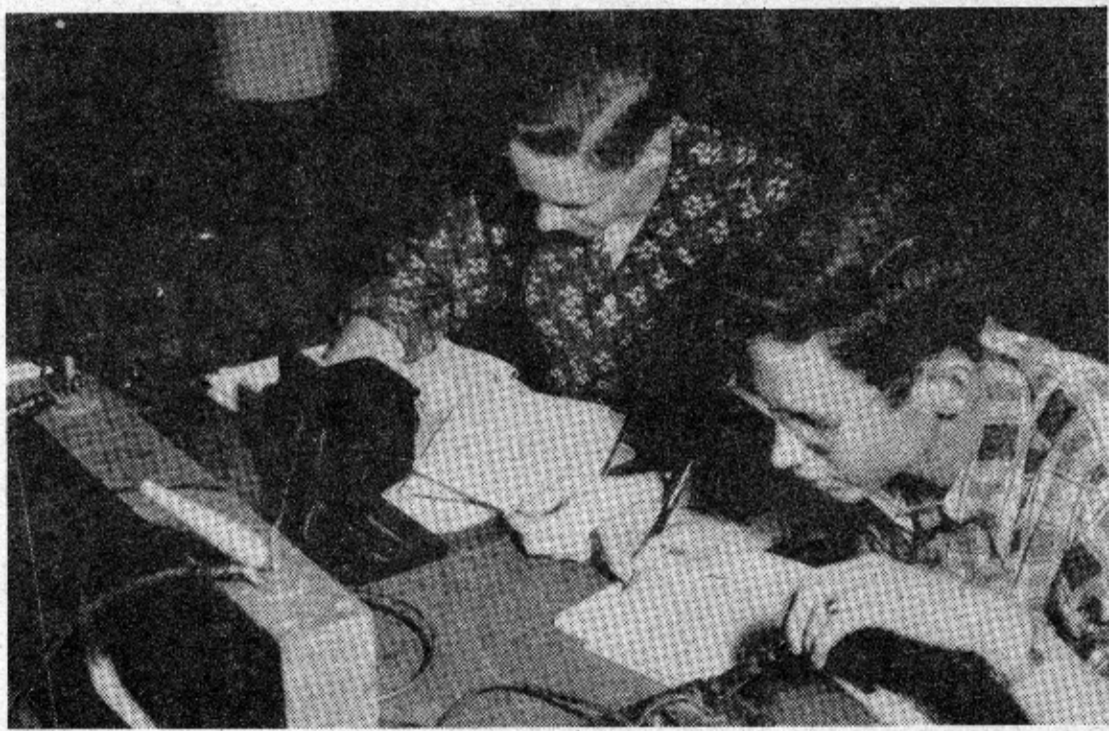
All courses in RIT'S Electrical Department are geared to fit the technological advancements of the last decade

When Benjamin Franklin experimented with electricity little was known about it and how important it would one day be. The Institute saw the importance as early as 1897 when two classes, headed by Professor Albert L. Gray were formed. These courses started out by being part of the Mechanical Department program. It wasn't till 1908 that a definite electrical curriculum was started. The idea of the course at first was to familiarize the student with interior wiring and later to establish him possibly in electrical contracting.

In 1921 new equipment was added which provided the impetus for further expansion and the subsequent establishment of a separate department in 1923 with Mr. W. N. Fenninger as supervisor. The course in those days was aimed to help the student become an electrical worker. Today the department headed by Earle M. Morecock is teaching students the more complicated aspects of the field: electronics, television, radio, telephone—all modern day miracles which are so important to our modern way of life.



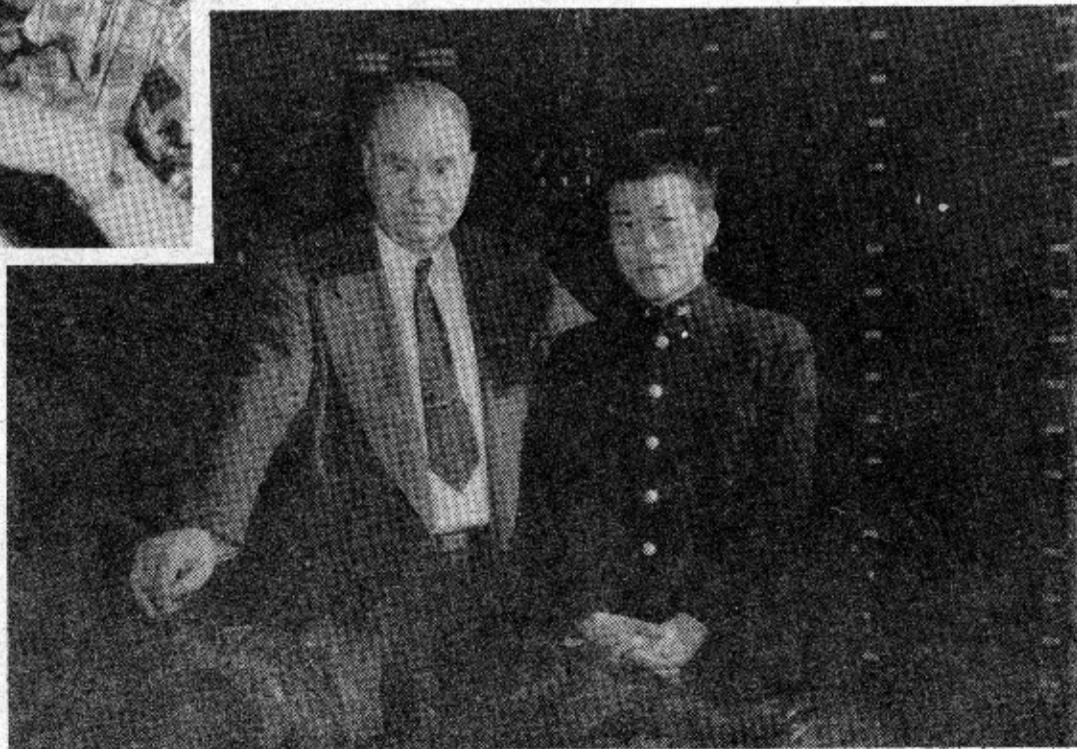
Shirley Waiddich, a senior, (above) is shown testing a radio circuit. Intensified training and study are given in the radio field.



(Below) Shi Young Rhee a new student in the Electrical Department from South Korea, is being shown around the power laboratory by Supervisor Earle M. Morecock.

Leif Gibbsson (top) is shown soldering a condenser into a television set. In the television testing room the students are trained in all phases of television repair.

In the circuit laboratory (above) freshman Wayne Hagerty (right) and Roger Hagesty (left) are shown working on electrical circuit problems.



Art & Design Covers Two Major Areas

The Department of Art and Design was offering a three-year diploma program as early as 1890. This is only natural since Rochester has always been a center of culture in western New York, and its citizens eagerly availed themselves of every opportunity presented in those days.

Early enrollments numbered 50 to 70 students, but after World War I there was a definite expansion, and today more than 200 day and 300 evening students are enrolled for the A.A.S. degree.

Stanley Witmeyer has headed the department since 1952, when former supervisor Clifford M. Ulp retired after 32 years service.

The Wiltsie water color competition is an annual event sponsored by a former director to encourage top quality water color painting among the students. It was established in 1892, and has become one of the outstanding events in the department.

Two major courses of study are offered by the Department of Art and Design, advertising design and painting and illustration. Each is a three-year program leading to the associate in applied science degree.

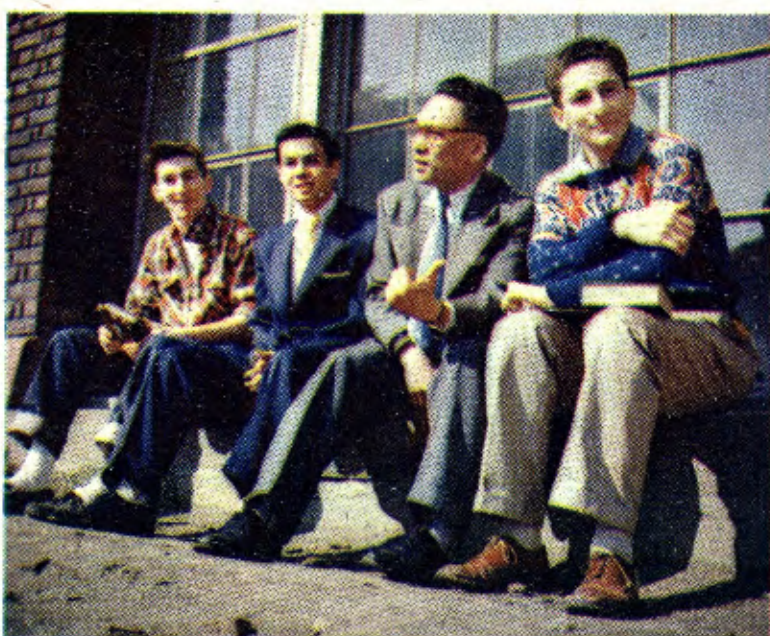
An arrangement with the University of Rochester makes it possible for students to obtain the degree of B.S. in education with a major in art education. Thus, a student can study art at RIT and education at U. of R., and fulfill the N.Y. State requirements for an art teacher's license.

Mrs. Susan Bevier, a well-known Rochesterian, donated the Bevier Building to the department as a memorial to her daughter, Alice.

Commerce Dept. Firms Plans For B.S. Degree Program

Installation of new equipment and the cooperative employment system coupled with progressive information received in interviews with graduates and employers has enabled the Commerce Department to key its programs of study with the trends of modern business methods. The institution of the bachelor of science degree program, which is to begin in the fall of 1955, is the latest in the department's advancing steps.

Skills and broad business education are taught by the Commerce Department for careers in the fields of accounting, marketing, secretaryship, medical secretaryship, real estate and insurance, and in many types of positions classed as administrative. Any one of the five associate degree programs in business education is designed to meet the persistent



True, RIT's campus is not large and those seats certainly aren't soft, but students still manage to find a place in which to meet and enjoy the sun in their leisure hours.

Dept. of Photography Records Rapid Growth

Helping its students to open the door to successful photography, the Department of Photography provides scientific background for the professional and amateur photographer and enables him to make his way in the field.

Originally housed in the Eastman Building after its founding in 1930, the department had 32 students. Facilities included three dark-rooms, one combined classroom and studio, and equipment limited to two flood lights, one spot light, and eight view cameras.

For the first three or four years, the department had no full-time instructors. Dr. Mark Ellingson acted as supervisor and C.B. Neblette and Frederick Brehm

served as part-time instructors on loan from the Eastman Kodak Company.

When Dr. Ellingson became RIT's president in 1936, Mr. Neblette, the present head of the department, took over the supervisory duties. Mr. Neblette is a Fellow of the Royal Photographic Society of Great Britain and the Photographic Society of America. He is the author of many books, among which is one very popular in the photographic field, *Photography, Its Materials and Process*.

The limited curriculum of the department in its early years was covered in a two-year cooperative program. In 1939 the cooperative program was carried into a three-year course with one year in school and two in industry. Seniors were then allowed to major in either photographic technology or professional photography.

Three years later, in 1942, all students were placed on a full-time basis. This plan is followed today in the two-year program.

Through the department's placement service, every effort is made to direct graduates into positions for which they have been thoroughly trained.

The department continues in the original objectives and aims set up by the school in conjunction with the photographic industry of Rochester—to provide training in the various branches of professional photography. The eight majors offered to students bear testimony to this fact.

GARD Aids Industry

Dedicated to aiding industry to meet the challenge for more and better printed materials, the Graphic Arts Research Department has been finding ways to produce printing of a higher quality, faster and more economically.

Under the supervision of Mr. Virgil Barta, GAR is well established in the general printing industry and it is constantly represented by numerous research committees. Having a laboratory in each of its four fields, Photography, Offset Lithography, Applied Science, and Photoengraving, GAR continually contributes to technical conference meetings. It is also recognized internationally and will work in cooperation with the research centers of foreign nations.

Since GAR's separation from the Department of Printing in 1951, it has contributed much to the industry in its entirety. Graphic Arts Progress, and information service bulletin, is published for two-month periods under the editorship of Norman R. Reamer.

The Information Service has established a scientific library in the graphic arts which serves the Department of Printing, Department of Photography and industry in general.

Retailing Dept. Starts 35th Year of Service

In cities all over the country—north, south, east, or middle west—you will find cooperative students in the Retailing Department working and gaining valuable practical experience. Of course, during the winter months everyone would like to move south and some of these students do. In the east, Newark, N. J. and Boston, Mass., with renown stores in both cities also employ their share of these travelers.

The nation's capital employs a few of them. This is the city where students may expect the nation's leaders to be among the every-

day customers in the busy stores.

In the middle west the fine shopping centers of Pittsburgh, Pa., and Cleveland, Ohio take their toll of the retailing co-ops.

And, last but not least, is Rochester, where local stores have long been associated with the co-op program.

After 34 years of this classroom-working plan, this program is one of the most extensive in the country, providing a greater amount of actual work experience than other such programs.

Today's program offers students the opportunity to elect one of three majors. If they wish to obtain a general education in all areas of retailing, they choose the Retail Distribution Course. Women who may be especially interested in women's apparel elect Costume Art and Retailing. Those students whose interest is in the home furnishings field find the Interior Decoration and Retailing Course the best selection for them.

More than 30 technical courses are taught by faculty members with experience in the retail field as well as specialized retail training. General education courses are also taught as electives to the Retailing students.

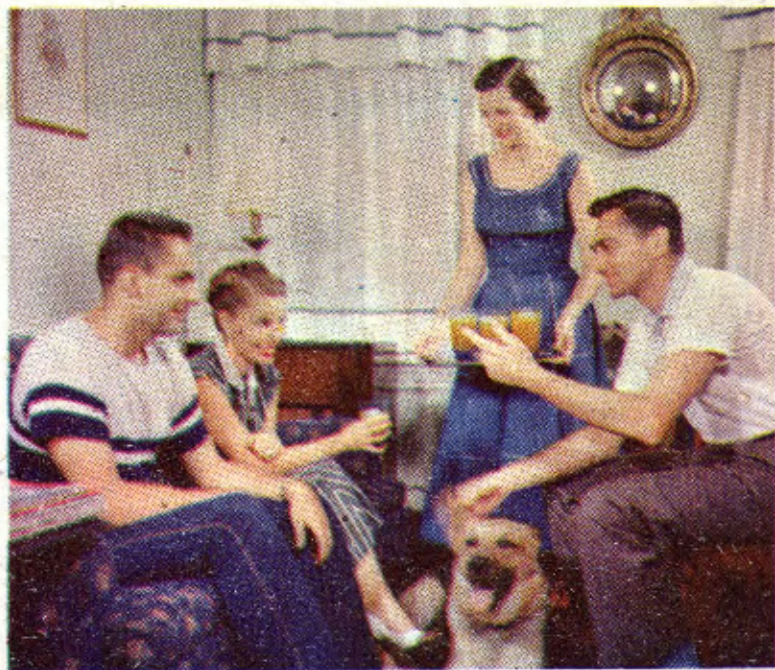
A record of more than 800 graduates can be found in retail positions, ranging from store owner, store manager, merchandise manager, to salesmen and women, and heads of stock throughout the country.

Elec. Dept. Expands

As the demand for competent and well trained personnel continues to increase, so will the facilities of the Electrical Department.

Since its inception at the end of World War I, the department has grown in leaps and bounds. From a two-year course familiarizing students with interior wiring, the department has steadily increased its scope to include six individual and highly specialized laboratories in which work is done in the fields of electronic circuits, machinery, electronics, telephony, and railway signalling.

It is the duty of the department to provide industry with young men and women capable of someday holding positions of leadership in their respective fields of study. Positions such as these require a working knowledge of mathematics, physics, and chemistry. Such courses as analytic geometry, calculus, physics, machine design, and power transmission have been added to the department's curriculum through the years.



Student-instructor relations are informal at RIT's housing at Edgerton Park. Mr. and Mrs. Armin Wimmer (left) and their dog Lucky are visiting with Instructor Bekir Arpag and his wife Sally.

Chem. Department Expands, Provides Cooperative Studies

One of the smaller departments of RIT, but constantly expanding, the Chemistry Department has an excellent record in industry for training competent technicians and research workers.

Just completed at a cost of \$50,000 are two refurbished laboratories with new equipment and facilities.

Students from many foreign countries come here to study, and fill the need for technicians in their native lands. Many are sent by their parents to acquire skills needed in their own plants.

Prior to 1926, the Chemistry Department acted as a general education course in service to other departments. Recognizing the need for chemical technicians, the department organized as an independent unit, and by 1928, the first graduates stepped into positions with local firms. Medical technology as a major course of study was added in 1952 with the

approval of the Medical Technology Registry of the American Society of Pathologists.

Most students are cooperative, and spend part of their second and third years working for local industries. Here careful records are kept concerning the student's attitude and performance.

This year will see an increase of more than 100 students over last year's enrollment, for a total of 250. Most of this increase is due to the new bachelor of science degree being offered by the school.

There will be four different courses of study to fill the varied needs of RIT students. Chemistry 101 and 102 is for Chemistry majors only. Ch 105, 106, and 107 will be studied by photography students; Ch 191, 192, and 193 are for printing, foods and commerce students; and Ch 405, 406, and 407 will be pursued by fourth-year mechanical and electrical students.

Craft School Serves as Center To Educate Young Craftsmen

Modern society turns to the designer-craftsman for objects of decorative or ceremonial character and finds him working aggressively in the School for American Craftsmen.

"To serve as a center for the education of young craftsmen," the school was sponsored in 1943 by the American Craftsmen's Educational Council.

Graduates are prepared for three occupational areas: as self-employed designer craftsmen, as designer-technicians with industry, or as teachers and administrators of crafts programs. Each graduate is endowed with the "educational philosophy of learning-by-doing methods." Through this philosophy he is adjusted to field before leaving the crafts school.

Trees stand amid a spacious lawn that surrounds the one building which houses shops, studios, lecture rooms, and exhibition space required by the educational program.

During the past year, students and instructors have won many awards and prizes in such shows as the Finger Lakes Exhibition,

American Institute of Decorators Competition, and the Young Americans Show in New York.

Harold J. Brennan, school head, has eight men instructing the four divisions of the School for American Craftsmen. They are: Ernest Brace and Tage Frid—woodworking and furniture design; Frans Wildenhain and Hobart Cowles—ceramics; Lawrence Copeland—metalcrafts and jewelry; and Fred Meyer, instructor in design.

The School for American Craftsmen owes its founding and growth to the untiring energies and generous financial support of Mrs. Vanderbilt Webb, president of the American Craftsmen's Educational Council. Mrs. Webb is now a trustee of RIT.



Dick Roberts (left) is interviewed by Mr. Frank P. Rogers of the Institute's Counseling Center. The Center's activities include aiding persons seeking employment in various fields.

Counseling Center Serves School and Community

Founded in 1943 for the purpose of providing professional guidance for students and industry, the Counseling Center has been growing in both numbers of persons served and scope of work.

The center was one of the first instituted among upper New York State colleges and universities. The past year recorded a substantial increase in the number of individuals given guidance and the number of business firms using the service.

For students, the Counseling Center offers a number of services. The entrance examination is administered by the center. Surveys are made from time to time with the aim of finding more effective programs.

If a student decides to leave school before completing his course of study, "Exit Interviews" are arranged, whereby the student can obtain free guidance concerning his or her future vocational or other plans.

These interviews also serve the purpose of determining if the Institute's program failed to fill a

need of the student, and how to correct the situation.

About 70 per cent of the center's work consists of vocational guidance for local business firms.

Individuals who come to the Counseling Center at suggestion of school counselors and business firms receive a battery of tests after an original interview. Tests cover interests, academic ability, academic achievement, personality, manual ability, and aptitudes.

Because of the tremendous response of the public schools, business and industry, the Counseling Center was separated from the Educational Research Office and placed under the direction of Dr. L. Lipsett in 1952. The Educational Research Office operates under the leadership of Dr. Leo Smith, dean of instruction.

Since its separation from the Research Office, the Counseling Center has served an increasing number of clientele which includes both individuals and companies. The Center's program of job counseling for Rochester and area industries has been successful.

Mechanical Department Keeps Pace With Time

With the expansion of its course to grant a bachelor of science degree and the addition of more up-to-date equipment, the Mechanical Department offers excellent opportunities for young men who are preparing to enter the mechanical field in various phases of technical work.

Founded in the 1890's by Captain Henry Lomb and other Rochester industrialists, the Institute's mechanical program has steadily increased along with the demand for better and more technically trained workers.

Since the original founding of the department more and varied courses have been added to the curriculum. Courses in drawing and designing were the only courses offered to students at first. In 1893 industrial arts and fine arts were added to complete the Department of Industrial and Fine Arts. In 1901 manual training and mechanical arts and sciences were added to the fast growing program.

Cooperative courses in civil, mechanical, and electrical engineering were introduced to the Institute in 1912. In 1935 an instrument-making course was formed. In 1945 and 1946, courses in tool engineering and screw machine were initiated.

From that time to the present the Mechanical Department has offered a three-year cooperative course leading to an associate in applied science degree. Now, for the first time, a "topping program" consisting of two years has been added to the Institute's calendar which will enable students to receive a bachelor of science degree upon graduation.

During the past year, the depart-

ment has been receiving much equipment for student use. Among these are a hydraulic crane from Frontier Industries of Buffalo, N. Y., two comparators from Jones and Lamson of Springfield, Vermont, and thread measuring equipment from the Johnson Gage Co. of Bloomfield, Conn.

The physical laboratory has been improved with the addition of new and modern equipment to take care of the expanding program in this area.

The Mechanical Department has been headed by George LeCain since 1952.

Varied Curricula Proffered By Food Administration Dept.

Appreciated or deprecated, as people's tastes differ to a great degree, the Food Administration Department is still probably the most popular department during lunch and supper hours. Headed by Mrs. Georgie C. Hoke, the department prepares the food for the Institute Cafeteria and trains students for careers in Food Administration throughout the country.

This department was developed from the Department of Domestic Science, founded in 1885 by Capt. Henry Lomb for the Mechanics Institute.

Today, hospitals, factories, schools, restaurants, hotels, and any place where food is prepared in large quantities receive these career-headed young students.

Like many of the other departments in the Institute, the Food Administration Department works on a cooperative basis. Students



Eve. Div. Offers Fine Opportunity

RIT's Evening Division provides a broad education for the adults of Monroe County.

Under the direction of Burton Stratton, the Evening Division offers educational opportunities to those who have not had previous college education. With an enrollment of more than 4,000, and with the addition of many new courses, this program offers opportunities never before offered at the Institute.

The evening program includes more than 200 courses, and its faculty includes mercantile, professional, and industrial specialists. RIT has many classrooms and laboratories to accommodate the students of the Evening Division.

One of the most outstanding courses offered in the evening program is management. Out of the 183 graduates of the Evening Division last June, 132 were taking management. Other outstanding courses offered by the division are real estate and insurance, in addition to a commercial course which offers excellent training in typing, shorthand, and the operation of office machines.

The Evening Division offers the A. A. S. degree to graduates who qualify.

This year several new programs have been added to the division. They include commercial and industrial refrigerating, cost control for supervising, graphical presentation of data, industrial accident prevention, and methods improvement.

Institute's Approach To Gen.Ed. Explained

No specialized training in any secondary school is enough to prepare one for life, without a certain amount of general education beyond the rudiments of basic learning that were discovered in elementary and high school.

In infancy, learning to walk, talk, eat, and do various other things were all part of the general education in living. As childhood progressed through the school years, general education went beyond the basic essentials of the 3 R's, and beyond behavior was the measure of ability to get along with others.

Even in high school, where one encountered a certain amount of specialization, the required courses for all students still proved the value of learning things that all people should know. Other areas of learning that were not required were also available to satisfy the thirst for knowledge in general.

A high-school senior after selecting his chosen field may sometimes feel that general education ends where specialization begins. This is simply not so, for no matter how adept one becomes in the mechanics of his work, an understanding of how to deal with other people, how to express ideas distinctly, make investments, and a score of other subjects, can be essential to the success and ultimate well-being of every individual. Certainly living is not specialized, no matter what type of work a person is engaged in, and the previously mentioned ability to get along with others is a criterion for success in living.

RIT is a technological institute specializing in occupational competence, as well as a collegiate institution granting a college degree.

Both the original philosophy of the institute and the state requirements for granting a degree call for a certain minimum of adult general education.

However, the picture of adult general education is so large that one must select areas, bearing in mind the time that a study might require, the social needs of our civilization, the type of occupation that students have selected, and the possible prior experiences of the students.

Consequently, general education courses at RIT differ in context from traditional college courses of the same name. Courses here cut across the traditional subject lines in order to let the few hours of general education experience work for the broadest possible maturity of the student.

All freshmen students at the Institute start with the same basic general education courses, but the curricula in the years that follow differ widely among the departments. Each program is selected in conference between the General Education Division and the faculty of the technical department, from the following list of offerings: Accounting and Business Theory, Art Appreciation, Current Events, Economics, Effective Speaking, English Communications, Ethics and Social Problems, Industrial Organization and Management, Orientation in Science, Philosophy and Social Problems, Physical Education, Psychology of Human Relations, Social Problems I, and Social Problems II (Marriage and the Family).

The general education program is designed as a flexible, working unit, and no matter what the name of any course in the given curriculum, the instructors hope that the students will consider their general education sequence as a continuing process of growth in competence for meeting life, and not merely as a number of isolated and unrelated subjects.

Under the direction of Mr. Clement, department head, the work of the division has been expanded tremendously to accommodate B. S. degree candidates.

Skiers Impatient, Await First Snow

Healthy exercise, sportsmanship, and competitive spirit are fostered by skiers from novice to champion who join in the Ski Club activities. Students, faculty, and wives are all members of this fresh-air but still, business-like organization.

The Arpag Trophy, an annual award to the member who is voted as having done most for the club, provides highly competitive spirit in the group.

Major event on the club's calendar is a weekend ski tour to one of the many winter resorts in this area. Last year, under the guidance of William Toporcer, faculty advisor, about 25 members spent a fun packed weekend at North Creek, N. Y.

Supplementing the tour are many spur-of-the-moment outings to Powder Mill Park or Hickory Ridge whenever snow presents itself.

Movies, cabin parties, a Spring Weekend booth, and business meetings fill out the club's schedule and provide year-around interest.



Always a helping hand to incoming students, Mrs. Marion C. Steinmann aids students in becoming acquainted with the great variety of books in the Eastman Library.

M. S. A. Active

The Mechanical Student Association's prime requisite is to promote good fellowship among students of the Mechanical Department.

The association is entirely a student organization, which conducts useful meetings during school hours for the purpose of informing students of the ever-increasing strides and developments being made in the field of engineering.

Students are also socially aided in the form of two picnics and a banquet during the year.

Retail Club Busy

Purpose of the Retailing Association is to acquaint the members of the department with one another and to provide an informal educational program that will be of interest to the student.

Talks and films pertaining to the retailing field are held during the association meeting.

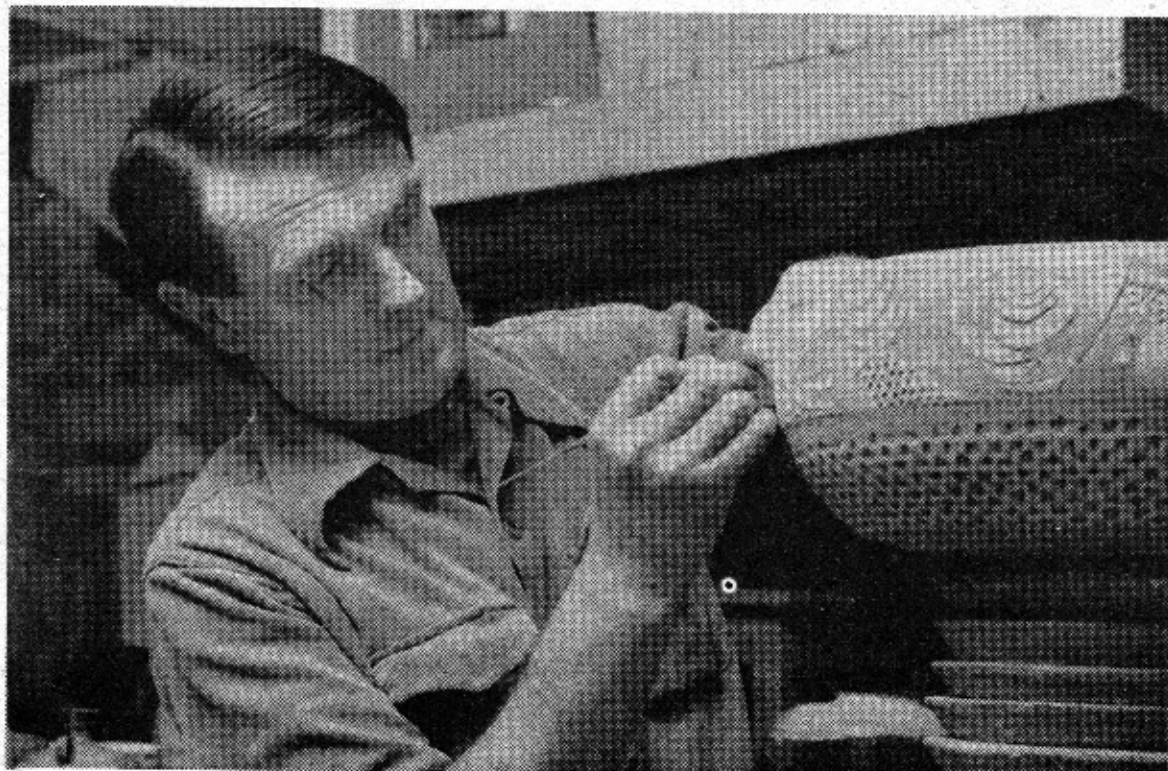
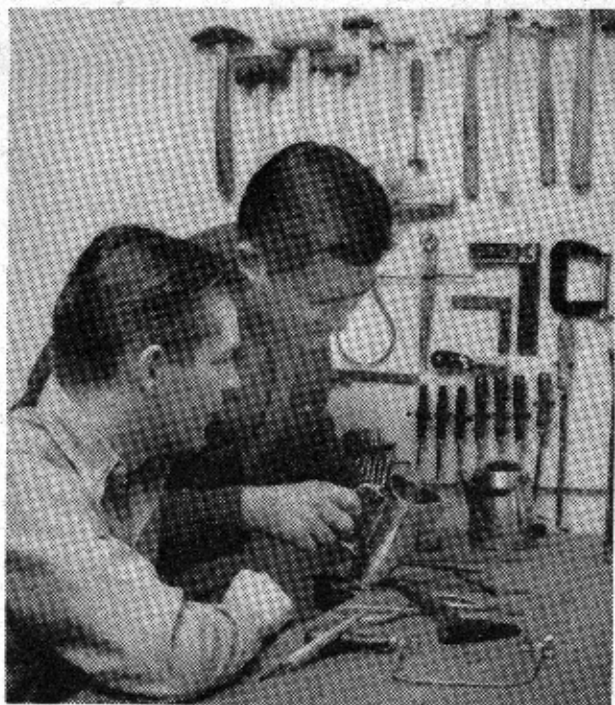
Craftsmen



Informal atmosphere in faculty meetings stimulates discussion among instructors in providing for the improvement of the instructional program.



Pottery making is a fascinating part of the school's program.

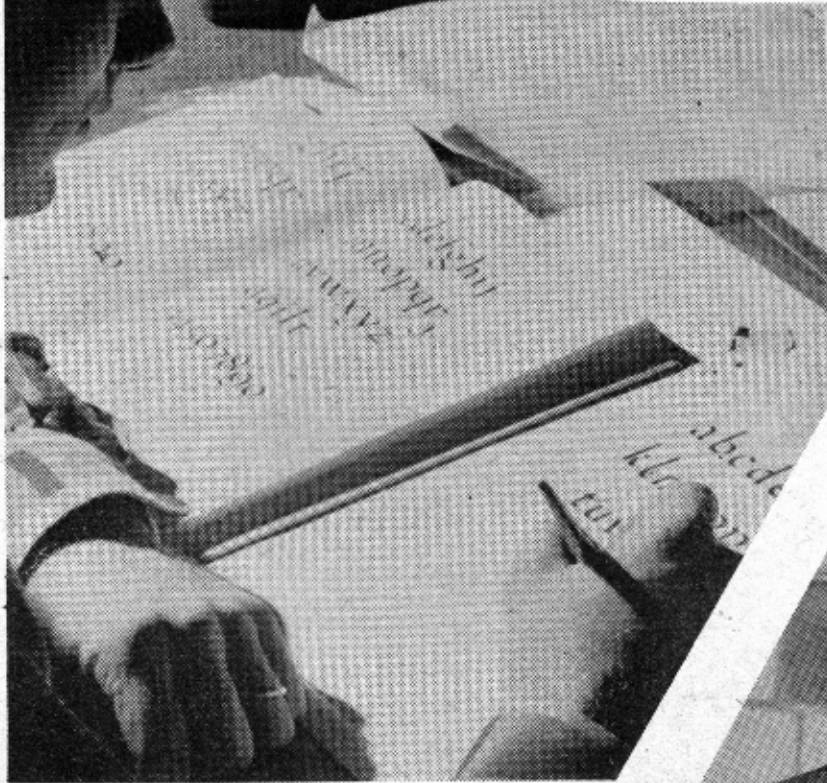


Second youngest of the RIT departments, the School for American Craftsmen has established itself as one of the leading schools of its kind in the country. World-renowned instructors provide the technical skills necessary in shaping the program of instruction for students. Much of the work designed and produced in the shops of the school is sold by students, and both instructors and students continue to take top honors in competition with other craftsmen in exhibits throughout the country. Finished work of the craftsmen is on display in the departmental office. Originally connected with Alfred University, the school is now located on Spring Street. In the scenes above and at left, students and an instructor display some of the skill necessary in producing outstanding work.

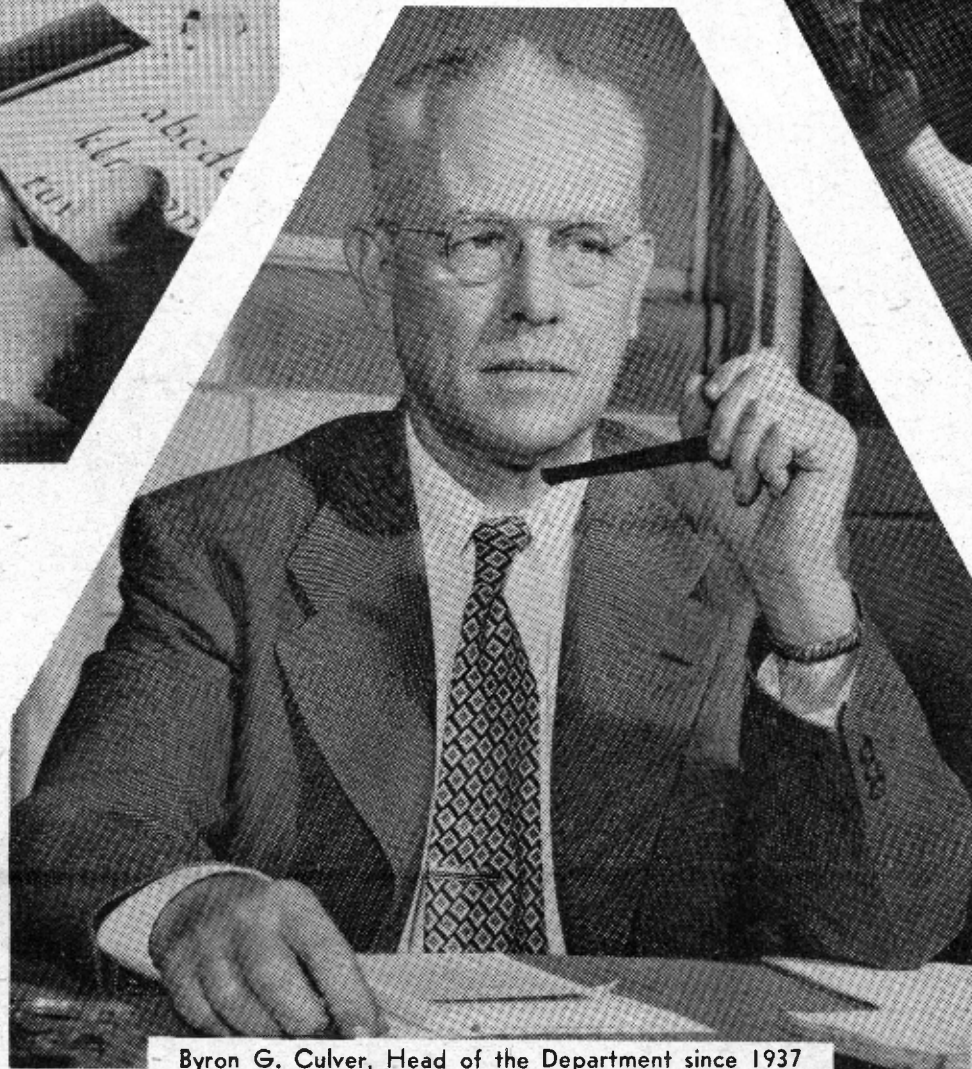
Department of Printing

1954

1955



Practicing the "A," "B," "C's" of pen-drawn letters in the layout and lettering laboratory is Harold Cowan. Beginning with the calligraphic alphabet, students become familiar with the basic letter forms and trace their historical development from the stone age to the latest type designs. The practical training in basic lettering in conjunction with subsequent solution of simple layout assignments give the printing student a solid foundation for future work in typography.



Byron G. Culver, Head of the Department since 1937

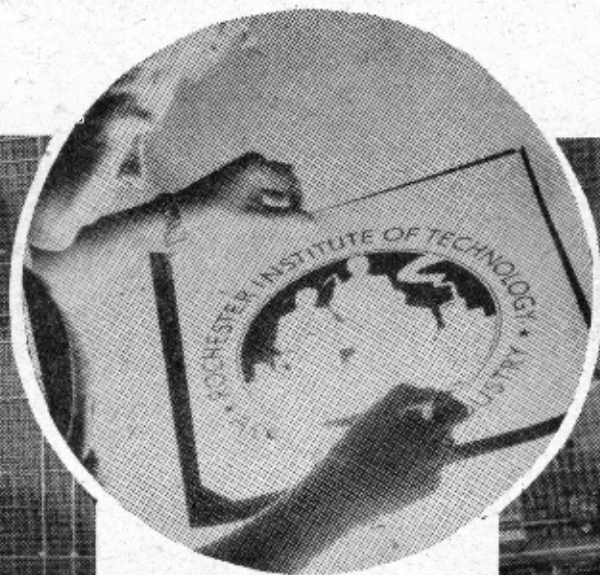
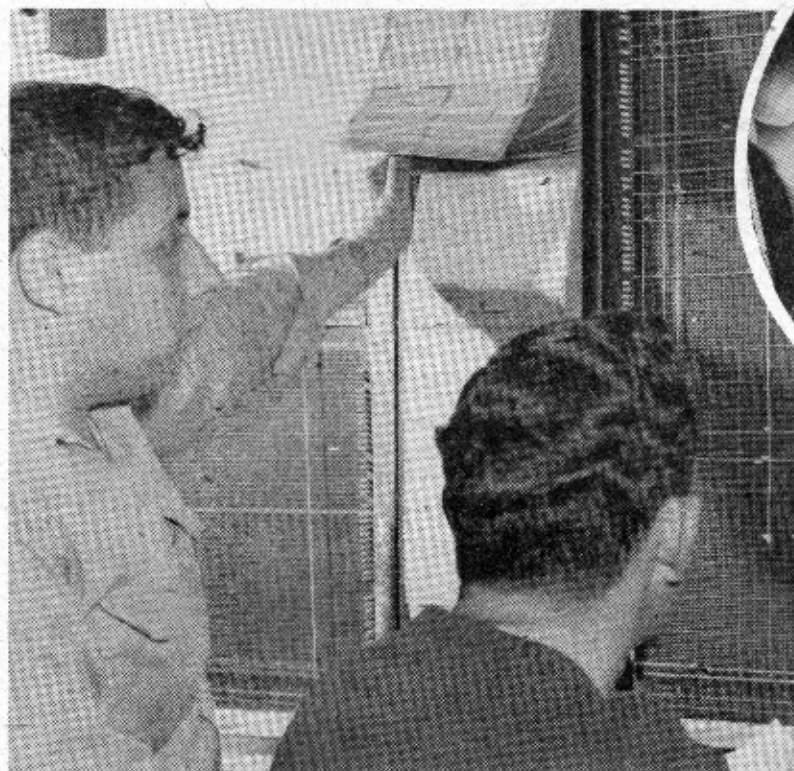


Robert Eiselin records the lens setting on the Monotype offset camera before proceeding with the actual exposure. Planned student-laboratory exercises are supplemented with weekly lessons and informal discussions. The latest methods, materials, and equipment are used in the preparation of negatives and positives for offset lithography for RIT has the advantage of being located in the city known as the "photographic center of the world".

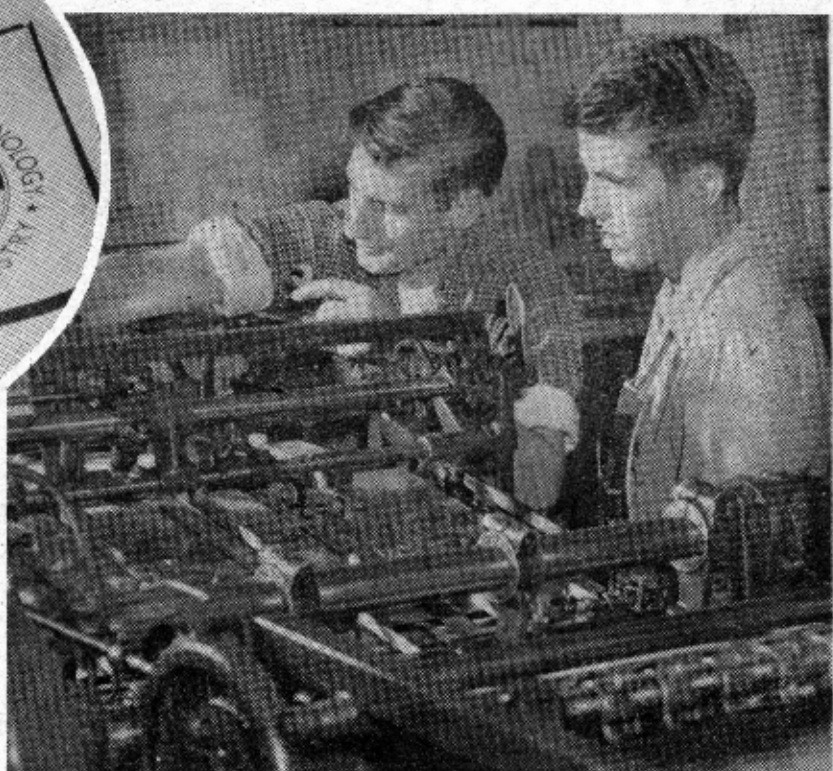
Raymond Mazza, left, and James Brody fit a new job into a tight schedule in the Production Laboratory office. Students gain valuable experience in working under production conditions and in such operations as machine composition, hand composition and makeup, imposition and lockup, presswork, folding, binding, and trimming. Analysis of jobs for production, effective use of facilities, control devices, followup procedures, and record keeping are all important phases of modern industrial methods.

From its founding in 1937, with 18 students and \$125 thousand worth of equipment, the Department of Printing has grown consistently. Today with an enrollment far exceeding any in the department's history and equipment worth nearly one million dollars, the department has gained world-wide recognition as one of the leading printing schools. Students and alumni have come from all sections of the nation and many foreign countries. Many printers and printing equipment manufacturers send their employees to RIT to take special courses on the various printing processes. Close relations are maintained with many industrial, educational, and research organizations in the field of graphic arts to keep abreast with the latest educational needs of the printing, publishing, and allied industries.

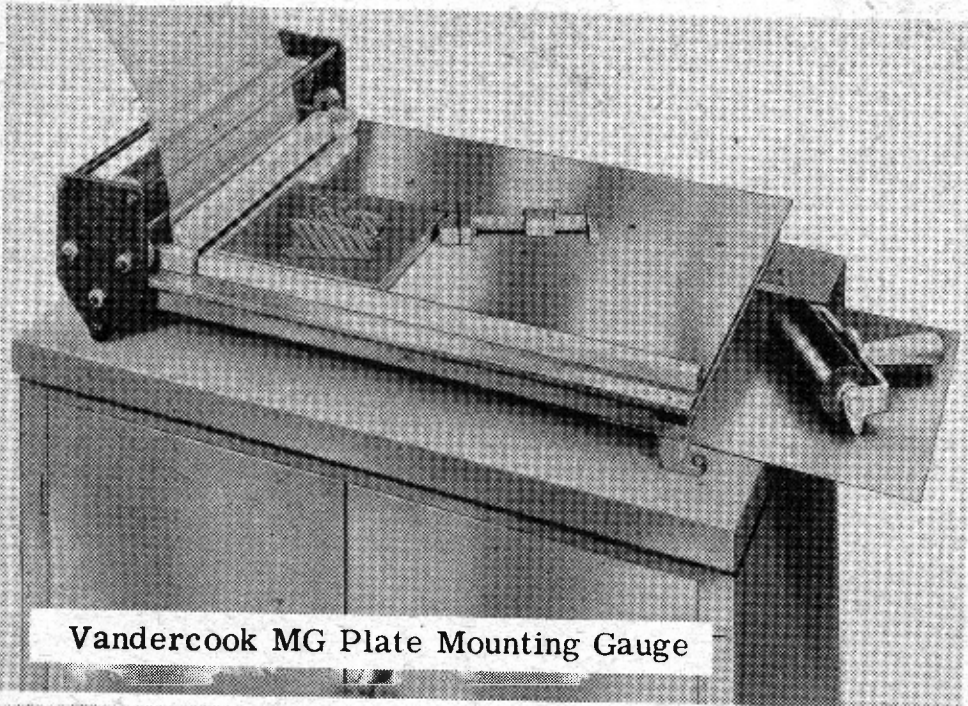
Careful checking of the Miehle Cylinder Press adjustments keeps it in perfect running order. Ken Boehm is making the necessary corrections in the feeding mechanism of this \$75 thousand press, which is only one of the many types to be found in the Department of Printing. Extensive use of the latest equipment from Linotype and Intertype composing units to the newest Harris offset press enables the student to become familiar with the advantages and limitations of all types of printing machinery.



Robert Baril begins to retouch his negative on one of the newly installed light tables. Retouching study includes the application of the principles of various methods of assembling negatives and is only one phase of the treatment of a negative. Further positives in the form of "flats" in preparation for making lithographic plates.



Vandercook Pre-Press Laboratory Installed



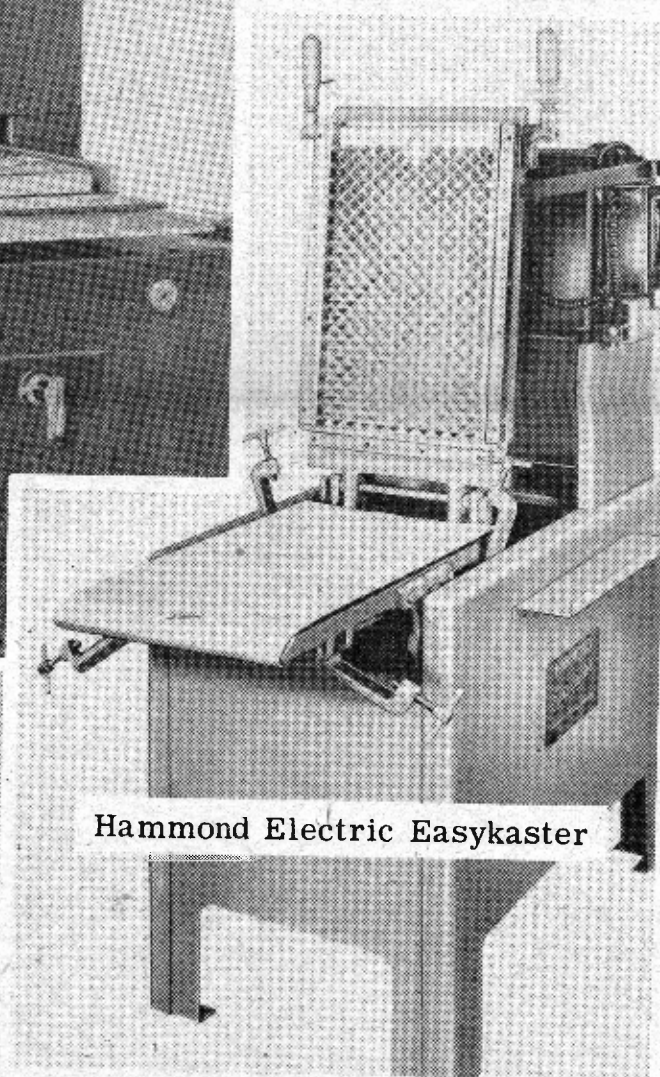
Vandercook MG Plate Mounting Gauge



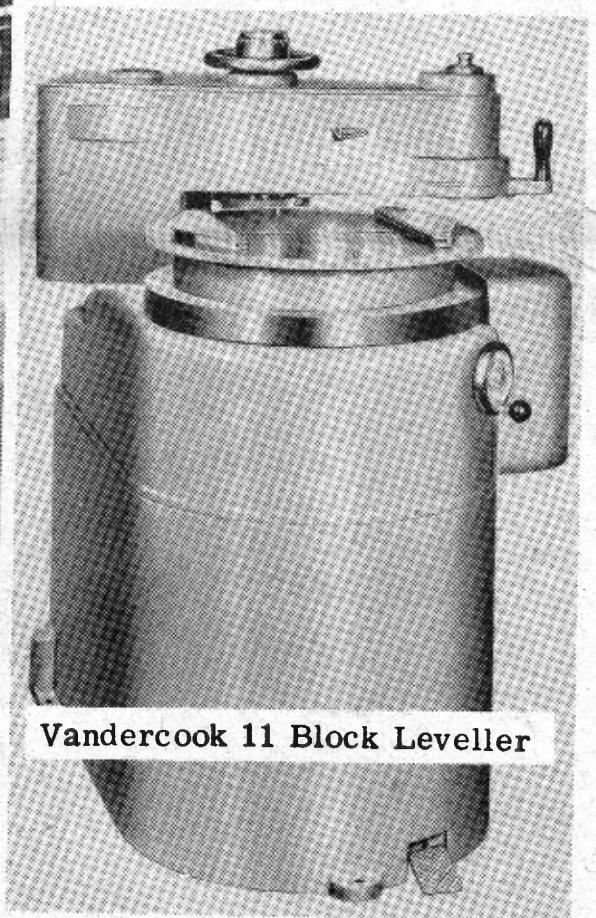
Caine Mounting Press



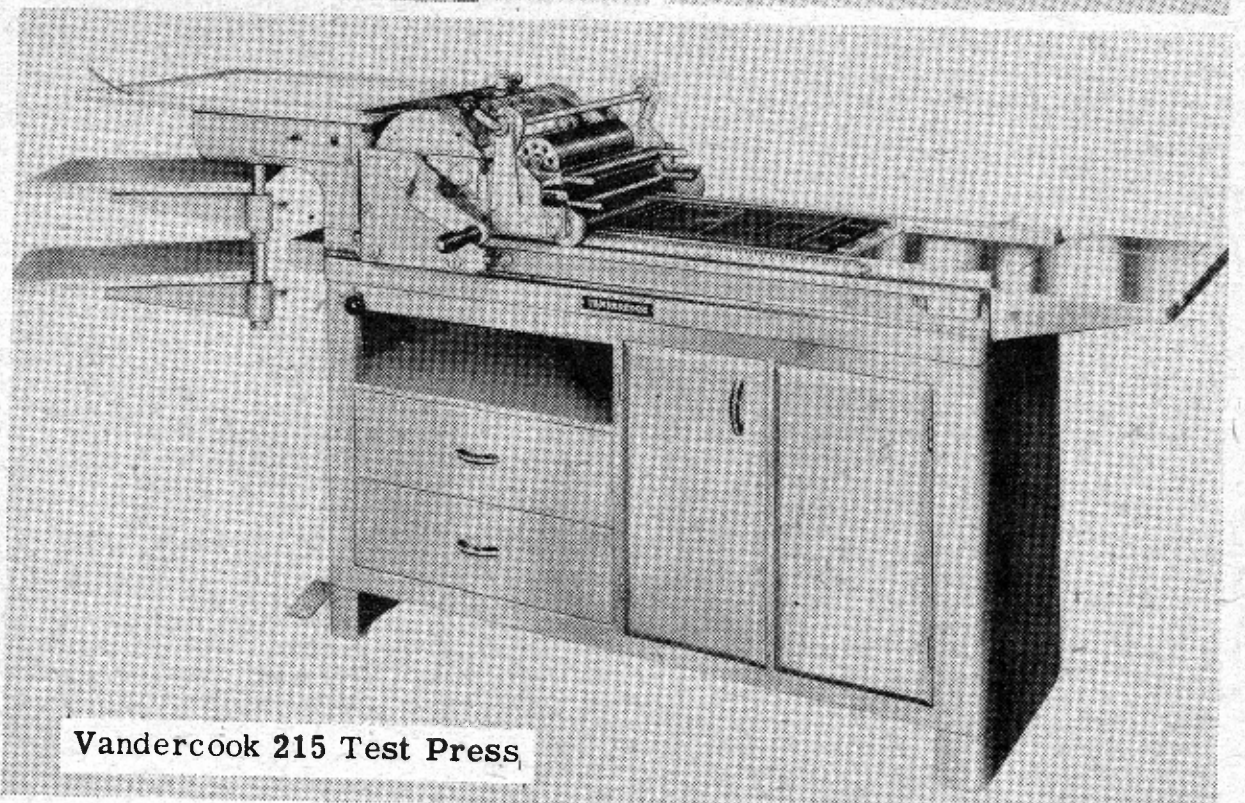
Hammond Trim-O-Saw



Hammond Electric Easykaster



Vandercook 11 Block Leveller



Vandercook 215 Test Press

A complete pre-press laboratory which eliminates hours of trial-and-error makeready from the letterpress pressroom is now ready for full-scale operation in the Printing Department.

Donated by Mr. E. O. Vandercook, president and research director of Vandercook & Sons, Inc., the Vandercook Pre-Press equipment comprises a number of precision instruments and machines which are the product of years of research by the company.

According to Donald L. Ritchie, letterpress presswork instructor, the Vandercook system is considered one of the most revolutionary innovations to have appeared recently in the letterpress field. Some of the largest printing companies in the country are now using it and report savings of from 20% to 30% of their make-ready time.

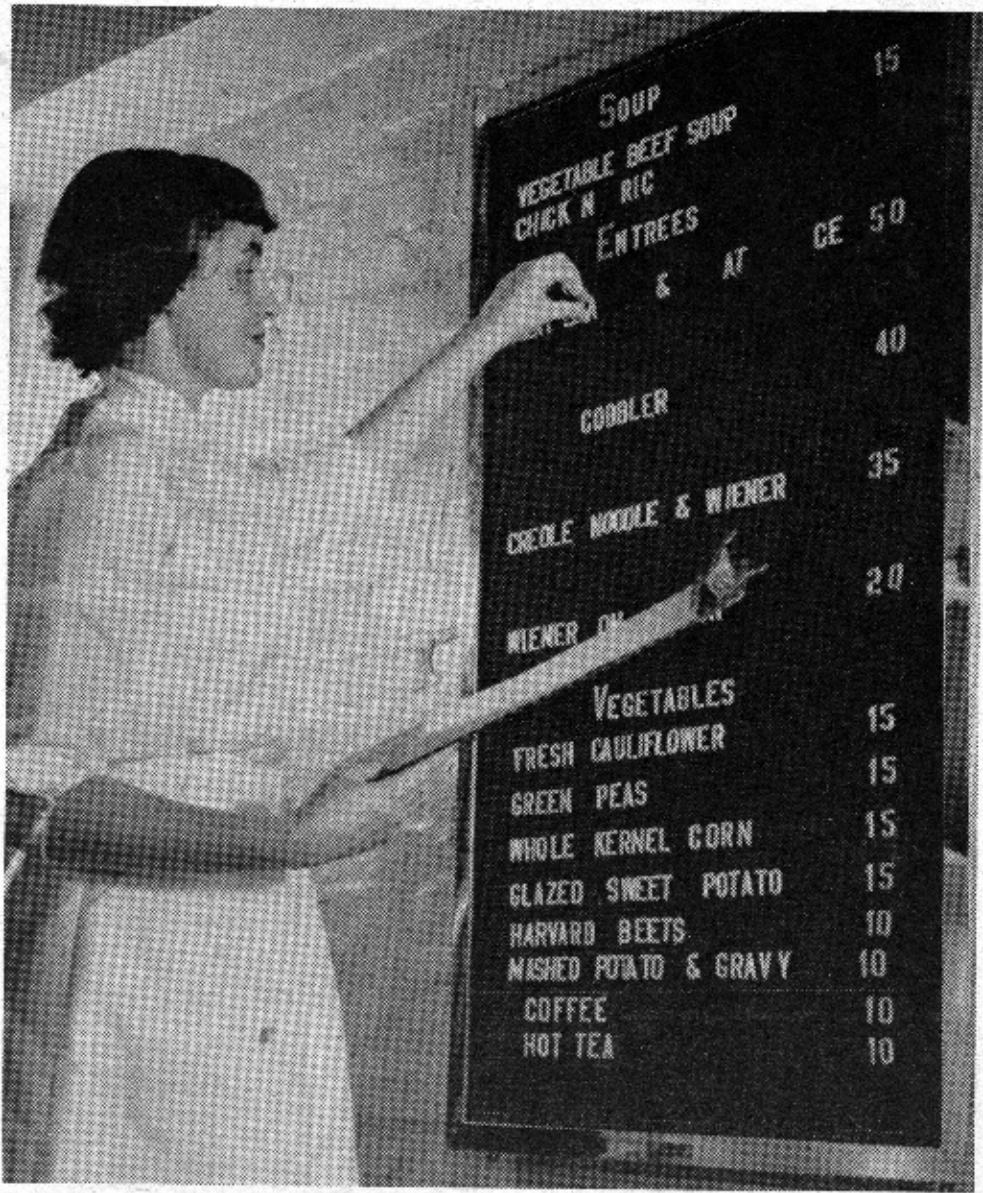
A basic feature of the Vandercook system is the use of a low cost metal base as a substitute for the inaccurate wood blocks generally used for mounting original or duplicate letterpress plates. Vandercook Lite-Base casts are made from Linotype metal. An electric caster with an aluminum cored mold is provided for casting the rough base, which is then cut to

approximate size. For this purpose, the Hammond Machinery Co. has loaned RIT a Hammond G-4 Glider Trim-O-Saw, specifically designed to complement the Vandercook equipment.

To achieve precision measurements, the base is then planed to exact size on the Vandercook 11-Block Leveller. The plate is adhered to the metal base by means of a special heat-set adhesive film which is cut to plate size and placed between the plate and base. Correct height of the plate and base is checked under printing pressure on the Vandercook Plate Gauge. A hydraulic press then seals the plate to the base by application of 30 pounds pressure for three minutes at a temperature of 300 degrees Fahrenheit.

Included in the new Pre-Press Laboratory is equipment for scientifically checking plate and form sizes. Among these is the Vandercook test press upon which a form can be checked for accuracy before going to press. Four color progressive proofs, as well as checks of paper and inks can also be made on the test press. The Vandercook Make-Up Gauge is useful in making up forms to precise measurement and thus eliminating much lockup and lineup time on the press. The Plate Mounting Gauge makes it possible to position plates on Lite-Base in a more simplified and more accurate manner. The gauge is also useful in the mounting of round, oval, or irregularly shaped plates.

Food Administration



1 Jeanette Whitty, a freshmen, makes up one of the Cafeteria menu boards.

2 One hour before lunch the Cafeteria kitchen is a busy place. In the foreground two girls prepare sandwiches. To the right rolls are being prepared while in the background two girls work on the preparation of the entrees.

3 Miss Wilson, instructor in a senior catering class, demonstrates to students Marilyn Griffin and Ross Di Biase the fine art of carving a roast.

4 Martha Bullock removes a tray of salads from one of two large, walk-in refrigerators.

1

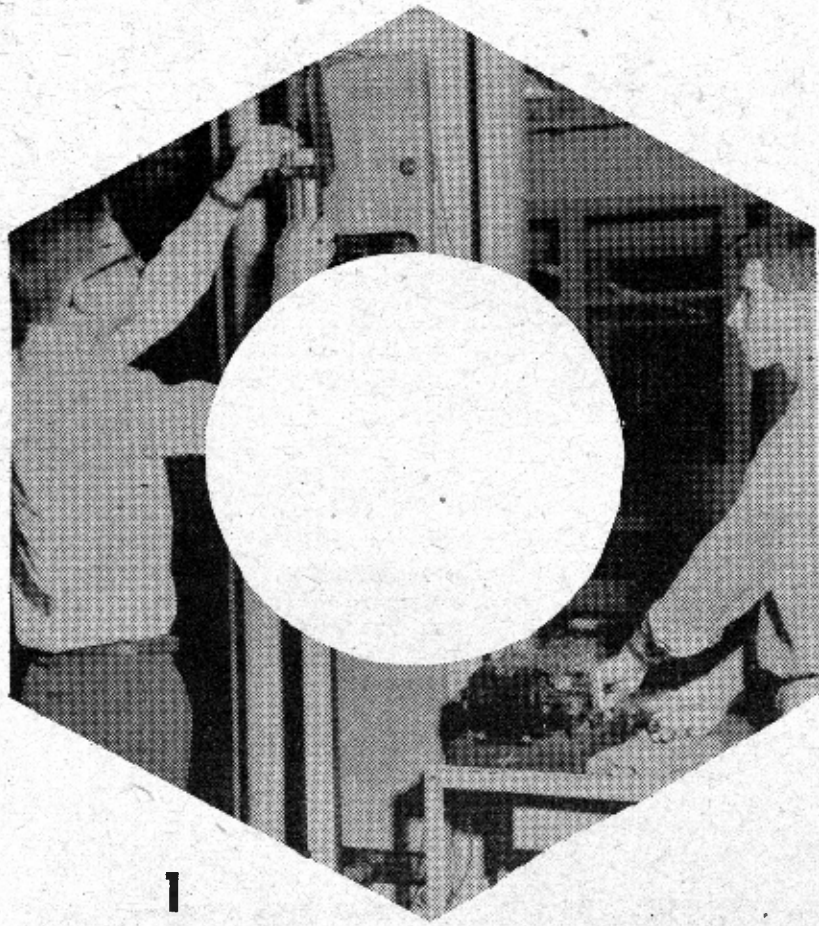
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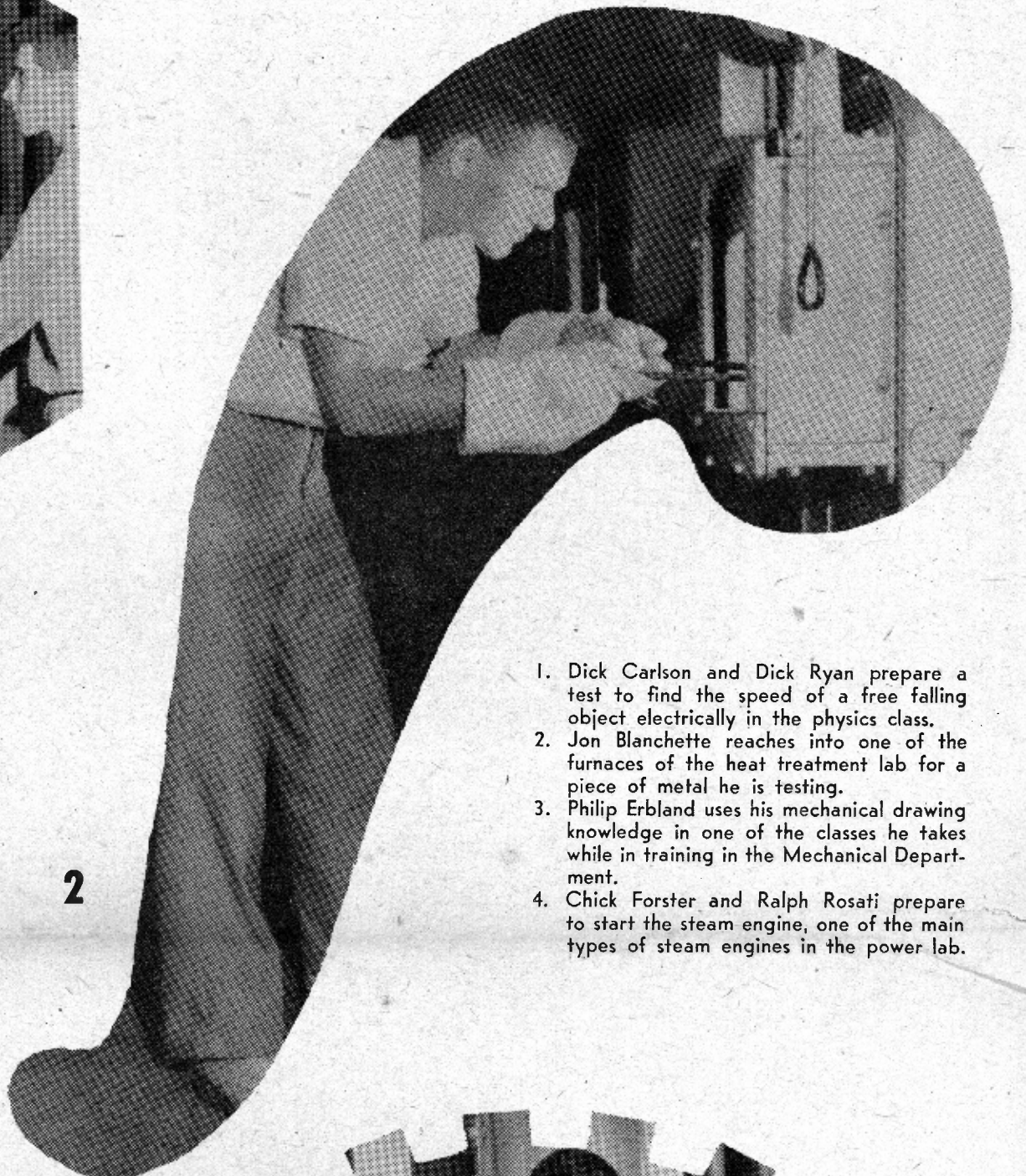
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Mechanical Minds at Work



1



2

1. Dick Carlson and Dick Ryan prepare a test to find the speed of a free falling object electrically in the physics class.
2. Jon Blanchette reaches into one of the furnaces of the heat treatment lab for a piece of metal he is testing.
3. Philip Erbland uses his mechanical drawing knowledge in one of the classes he takes while in training in the Mechanical Department.
4. Chick Forster and Ralph Rosati prepare to start the steam engine, one of the main types of steam engines in the power lab.



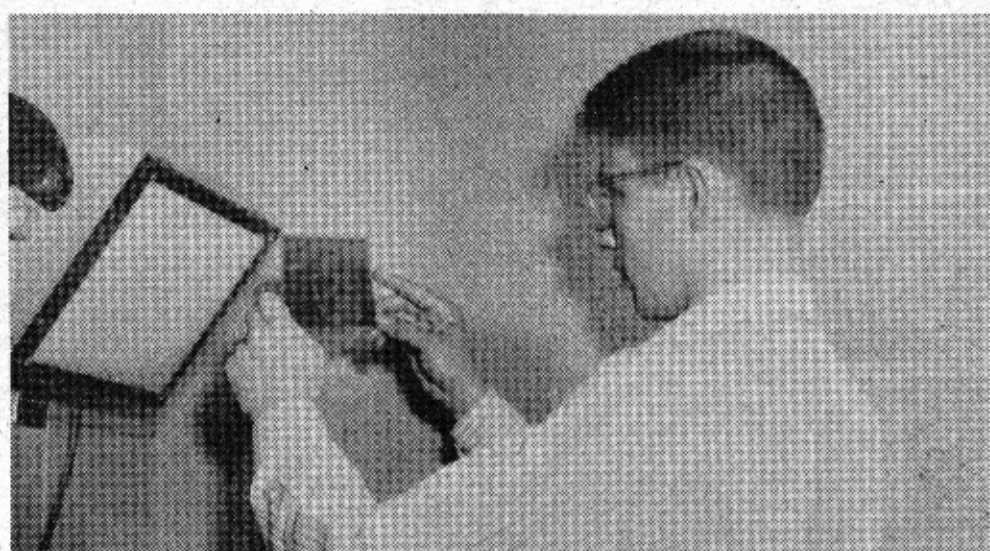
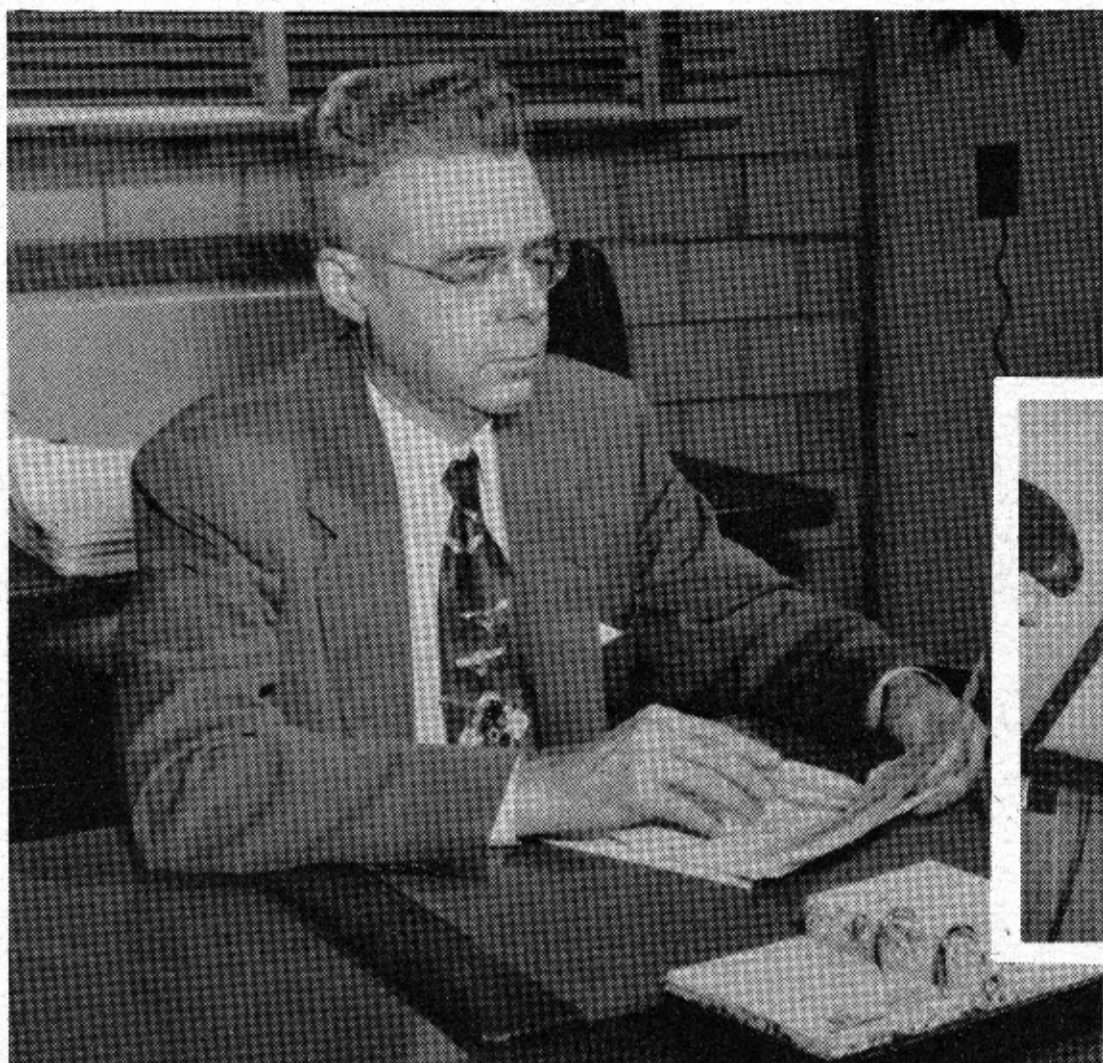
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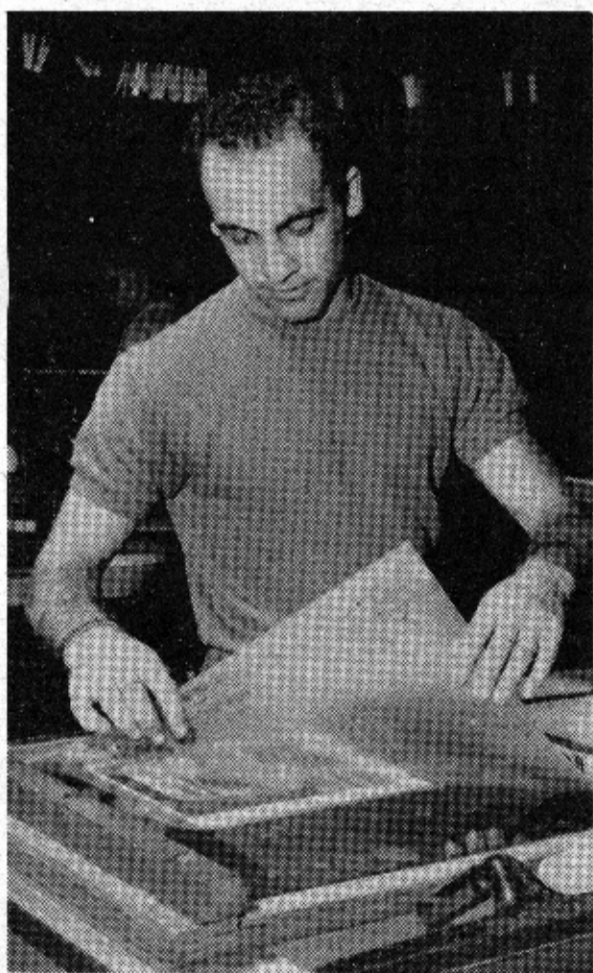
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Center of Photographic Education

Department of Photography



Individual negative darkrooms are convenient for students to view their work. (Above) Bob Englert inspects a negative that he has just made, making sure that there is enough detail in the shadow areas.



Starting first as a part-time instructor in the Department of Photography, Mr. C. B. Neblette (above) became supervisor in 1936 and is now head of the department. Coordinating the program of the department keeps Mr. Neblette very busy in his office on the third floor of the Clark Building.

(Left) Photography student, Frank Vetere, is making a dye transfer print. (Below) Freshman students plan studio set-ups and work diligently trying to create new and interesting arrangements. Well-equipped studios in the department help make this an easier and more pleasant task for the students.

Rochester, the photographic center of the world, is an ideal spot to have a school with a department whose main objectives are to provide training in the various branches of professional photography. RIT's Department of Photography offers one of the country's leading programs in this specialized area.

When the department was first established 24 years ago, it had no full-time instructors and the facilities were limited to three darkrooms and one combined classroom and studio. Equipment consisted of two flood lights, one spot light, and eight view cameras. At present, the department is well-staffed and students have individual laboratory and studio facilities as well as adequate photographic equipment.

In its first years, the department offered a two-year co-operative program. It then was carried into a three-year course with one year in school and two in industry. In 1942 all students were placed on a full-time basis and this plan is followed today in the two-year program and the new four-year program.

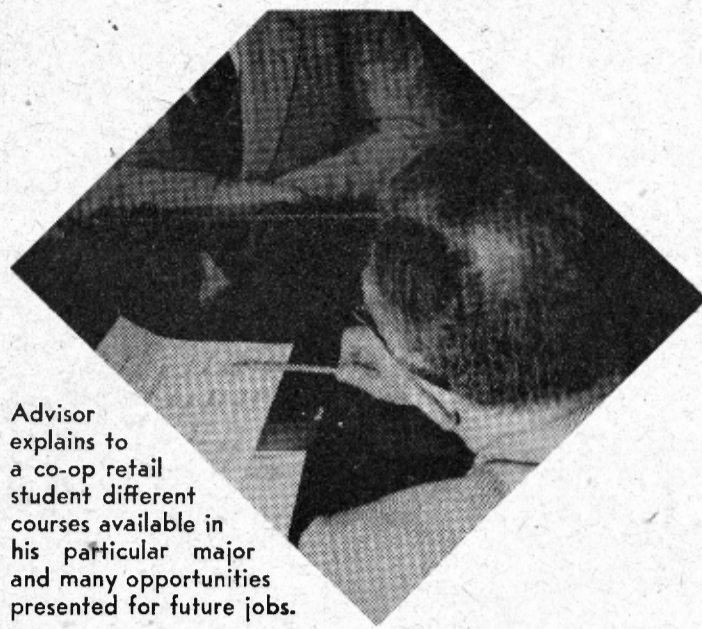
Controlling temperature is an important factor in color processing. (Below) Instructor David Engdahl shows Edward Johnson, a student in Color Processes, how to regulate the temperature controls.



Retailers in Action



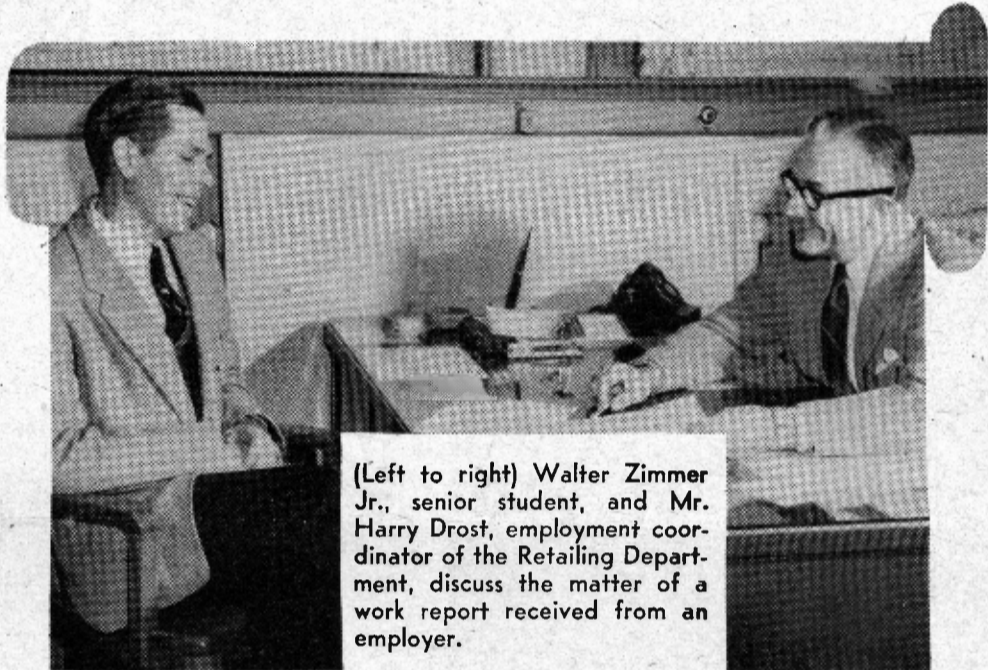
Here students are taking in a manufacturer's display of several articles. In the foreground are two lamps; on the left is a regular study lamp and on the right is a very decorative type. In the background is a shelf display of china and fancy glassware.



Advisor explains to a co-op retail student different courses available in his particular major and many opportunities presented for future jobs.



Attentively these students listen to Mr. Fladmark's lecture. Classroom lectures are not the only instruction students receive, however. Tours through stores and plants are also included.



(Left to right) Walter Zimmer Jr., senior student, and Mr. Harry Drost, employment coordinator of the Retailing Department, discuss the matter of a work report received from an employer.



(Left to right) Hope Levy and Mary Rusby, senior students in the Interior Decoration and Retailing program coordinate wallpaper and drapery fabrics.



(Left to right) Timothy O'Connor, Diana Parkes, Janice Clark, Jean Brooks, and James Palmer, textile students, test fabrics, study looms and

manufacturer's exhibit. Such interesting phases of the retailing industry lead many students to study retailing and its related subjects.

(Left to right) Charles Fredrico, Joy Goakes, and Richard Hornung prepare to tell the public of their products. This preparation and use of radio continuity for sales announcements represents only one phase of the work offered in the Department.

