

Teks Electronic Classes Continue With New Pilot

At least seven of our members are engaged as instructors and about 67 Teks are spending 2 hours a week in our employee's electronics classes. The classes are held after regular working hours in rooms provided by Tektronix in the Cedar Hills Shopping Center and in the Engineering conference room. Instructors, paid for their additional effort and time by the company, are these: Basic Electronics—Ralph Show, Nelson Hibbs, Randy Eichman, and Dave Wilton. The Advanced Class—Ken Spooner and Paul Jones. Warren Collier, who heads the company's Electronics School for Field Trainees, Test, customer technicians and engineers has headed the program of instruction for employee's during the past year.



Warren Collier

Ralph Show of our Manuals Department was recruited as an instructor this year and has shown such a liking for the task that he has agreed to take over the reins of coordinator for the project from Warren.

This year scores of Teks registered for the classes show promise of completing the full schedule. (Some others for various reasons, have not been able to attend frequently enough to satisfactorily complete the full course.)

In May of 1952 the first Scope Class was planned by a committee composed of Juri Kauk, John Mathews, Scotty Pyle, John Kobbe and Miles Tippery, which had Logan Belleville and Howard Volum to assist them with design. Miles Tippery, Personnel Director at that time, found that interest was so high that a second class was scheduled to start at a later date. The responsibility of the first class was to design and build a scope of the 3" type that would meet the application of the greatest majority of the members. The benefits gained from an understanding of the problems related to the design and production of oscilloscopes accrue to the individual, and indirectly, to Tektronix by having people with a wider practical experience.

Many Tek personalities have since carried on the instruction of the advanced groups as well as the more popular basic and intermediate levels of electronics. Harry Allison, Ken Dellinger, Si Corn, Eddie Richmond and Warren Collier have all had their stint in spearheading the Employee's Electronics Classes. George Eversizer has carried on with the SCOPE CLASS. Instructors during Eddie Richmond's year at the helm were Ken Spooner and Harry Stewart. Ken has been an Advance class instructor for several years.

Attendance has always been high in the classes and the interest shown when a new class forms indicates that Teks generally feel that they

want more information about what the field of electronics is in order to enjoy their work to the fullest and perhaps bewilder their neighbors just a bit more when they ask, "What is an oscilloscope?"



Ralph Show

Ralph Show's present class of 31 includes 14 men. Two husbands also sit in on the class with their Tek wives. They meet on Monday evenings from 7 to 9 p.m.. The present schedule of sixteen weeks was designed to allow the class to reach a pre-determined goal. As the class progresses they find that their interest is increased. This generally carries over; and an intermediate class seems to be desirable to fill the gap between the Basic class and the more advanced groups. Included in the course outline is the basic electron theory beginning with atomic structure. The class begins assuming no knowledge of electricity and continues to the point of vacuum tube theory. Basic electron physics, Ohms Law, D.C. circuits, magnetism, inductance, capacitance, A.C. circuits and finally vacuum tube theory are taught.

The necessary mathematics, basic algebra, and some trigonometry is integrated into the course. Interest in the slide-rule or 'slip-stick' for calculations caught on in Ralph's class and all of the members purchased their own. He suspects some of the gals are trying to outshine their husbands with the new found mathematical prowess.

Ralph Show arrived at Tek in June of 1957 and although new to Tektronix is no stranger to instruction. He was a teacher at the Northwest Radio and Television School in Portland for seven years. At the time he left them he was their Technical Supervisor for correspondence courses. In the Navy, Ralph instructed a mathematics course while he was attending O.C. S. in New London, Connecticut. Warren Collier welcomed the shift of responsibility for the electronics classes, since he is engaged in instruction full-time with the Tektronix Electronics School for professionals in the field.

(Other Teks who are not named in this article for the sake of brevity may have contributed efforts toward this educational project in the past; we hope they will not be offended by possible omission.)

Repair Center Uses Wash Stand

Oz Svehaug of our Chicago Field Office took some pictures recently that will give us an idea of what a good clean oscilloscope our customers can expect when they send their instruments for repair.

Any housewife, or self-styled repairman of TV sets can witness the fact that electronic devices can collect a lot of dust. Field Engineers and maintenance men have seen some real sad examples of dust coated equipment. Instrument Service here at the factory handles them too.

What they need is, as the proverb goes, "some good soap and water!"

See page 3 — Column 3

C. U. Meeting Gets Small Crowd

Jack Henderson emceed the Annual Credit Union meeting at the Beaverton Cafeteria, Sunday afternoon, January 26th. In contrast to the weather a year ago, the turnout did not reflect a very substantial increase. About 75 members and their families attended on a sunny spring-like day as compared to the 70 member representation that braved ice and snow to attend last year.

Declaration of a recommended 5½% dividend followed the order of business. President of the Board of Directors, Les Stevens brought the meeting to order and asked Cal Bjerke to read the minutes of the last meeting. Dick Schmidt, Treasurer of the Credit Union gave his report following the Board of Directors Report read by Les Stevens. Ivan Arnold reported for the Credit Committee and Scott Foster reported for the Supervisory Committee.

Dick Manning, Manager of the Credit Union was introduced to the members present.

Nominations were made by the chairman of the Nomination Committee, Jack Henderson. Elections followed which placed the following Teks in office for a term of two years. **George Roussos**, Supervisory Committee; **Helen Thome** and **Bob Newberry**, Credit Committee; **Blanche Cook**, **Bob Jellum** and **Dick Schmidt** for the Board of Directors; and **Ron Bell** and **Bill Lowery** as alternates for the Credit Committee.

Entertainment was arranged for by Verne Bartlett who was fortunate in getting Joanne Bjerke, wife of Cal and their boy Randy to do some accordion numbers. Betty Whiting sang two numbers, "On the Street Where You Live" and "With A Song In My Heart". Encores finished off the program, with refreshments of coffee, milk and cookies served at the close of the afternoon.

Over the past year, the number of members increased 47% for a total of 1511. The total savings have increased 68% for a total of \$626,048.49 with total assets in excess of \$675,000.00.

One of the things that the Board of Directors pointed to with pride was the record of delinquencies. To date, with total loans in excess of two million dollars, Credit Union delinquencies over six months old are slightly above .1%.

This year's successful operation was attributed to the competent staff, Dick Manning, Sylvia Bean, and Marilyn Turner.

Educational Committee Chairman, Dick Montag expressed thanks to Al Foleen and others who assisted with arrangements.

Air Conditioning System Installed In Plant No. 2

One blustery day a couple of weeks ago your editor and Bob Herren, our plant maintenance supervisor, took a tour of the new building on the Retirement Trust property west of the Beaverton Airport.

The approach to the building by the recently extended and improved Jenkins Road gives you an impression of coming upon a massive structure. Your eyes do not deceive you—it's a big building. (We ducked momentarily as an aircraft came in for a landing on the airstrip.) Heavy gravel has made the muddy ground passable even for passenger autos and the parking area between Jenkins Road and the building has already been graded ready for surfacing.

The unit closest to completion had windows in, interior walls erected and the plasterers were spraying on the last layer of finish to the ceiling. Blower-type mobile heaters were doing their best to drive the moisture out of the building to promote drying the tons of plaster necessary to coat the ceilings.

Partitions for some of the rooms were past the sheet rock stage, but generally the building is still as wide open as a basketball floor.

Our trip over with Bob was primarily to see how much was involved in air conditioning such a large plant as this. We took a few pictures to give an idea of the massive air ducts that will be enclosed by the plastered ceilings by the time most of you see the new plant.

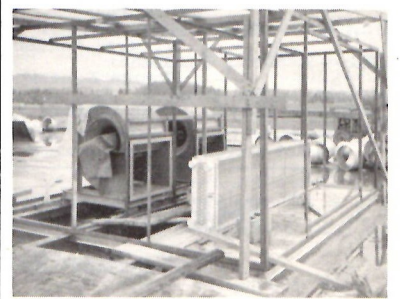
The temperature of the air in the plant will be controlled by the water circulated through coils on top of the roof. The water will be heated in the Boiler Room and Main-



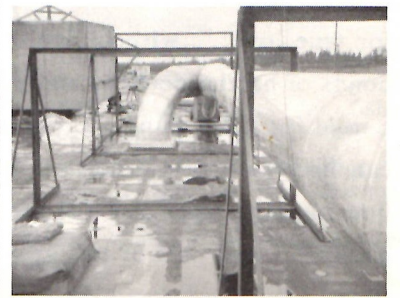
ance Building to the south of the plant. Hot water will be circulated at about 120 lbs pressure so as to keep it as hot water at a temperature of 350° Fahrenheit. Cold water will be held at a temperature of 40° F. This will be pumped through pipes in a tunnel to the plant where it will rise to the roof.



Uncounted sections, man-size in height as well as diameter, such as these remain to be installed in the unfinished units of the building.



Coils for circulating the water are mounted near the intake fans which are powered by 20 H.P. motors. There are two of these mountings for each module of the building.



Massive ducts such as these carry the warmed or cooled air into the network of air mixers mounted between the roof and the ceiling.



The box mounted between the large air ducts mixes the warm and cool air to achieve the temperature called for by the thermostats in the various units in the building.



Aluminum cones powered by air pressure open and close the hot and cold air intakes to equalize the temperature at each mixing station.

Basis for planning the air-conditioning in the new building is 6 complete changes of air every hour. With a minimum of at least 25% fresh air at all times. Temperature to be within 2° of set point on thermostats. Noise level, 44 DB at diffusers.

The designer of the system, Mr. W.W. Edmeyer, stated that to his knowledge it is the first installation of its kind. The design is unique in that it combines a high-pressure water system with a high-pressure air system. One of the specifications in the design of the building was that there would be no air-ducts obstructing the floor to ceiling space throughout the building. For this reason, smaller ducts were used passing between joists supporting the roof than would have been required by air circulating at normal pressure where the ducts could have been larger. Air-pressure in the system is equated to three inches of water, static pressure.

Tek Talk

Published by Tektronix, Inc., 9450 S. W. Barnes Road, Portland 7, Oregon, by and for its employees. Published the 10th day of each month, or nearest working day. Printed by Tektronix Incorporated.

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Departments are asked to notify the Editor if Reporters named are not currently correct.

THE FAMILY OF MAN

Sketches By Ben Burroughs

The family of man is made... of many different kinds... and each in his own special way... worships at different shrines... in color, creed and language... there is variety... and yet each member is alike... read on and you will see... each has a need for true love... without which all is lost... love strengthens bonds of brotherhood... and pays the highest cost... each has a need for friendship... the sincere kind I mean... friendliness can help to make... the sea of life serene... so you can see how close we are... the family of man... pledged to God the Father... and part of His great plan.



REC. COMM. REPORT

In April of 1957 the Personnel Committee felt that it would be worthwhile to have a Recreation Committee at Tektronix comprised of people with a variety of recreational interests and hobbies. This committee was selected from a list of volunteers. Those chosen for the first stint were Bill Barnes, Paula Klahn, Evelyn Meyer, Betty Whiting, Leanne Garfield, Bob Guthrie and Clair Kidd.

The main objective of the Recreation Committee has been "to encourage all recreational interests and activities at Tektronix." During the year 1957 they were able to assist three groups that had organized for the purpose of social recreation with co-workers. These were the Golf Club, Bowling Club and Basketball Club.

The total amount spent on individual recreation groups amounts to \$622.18 for 1957.

INFANTASY

Joe and Elza Almand	Daughter	1-31-58
Marjorie and Donald White	Son	12-31-57
Robert and Darlene Wruble	Daughter	1-16-58
Paul and Gertrude Lund	Son	1-21-58
John and Kathryn Whitesides	Daughter	1-23-58
Silvi and Helmut Kalmann	Daughter	1-22-58
Dick and Nancy Taylor	Daughter	1-25-58
Jean and Natalie Delord	Daughter	1-28-58

The gift fund sent flowers to 26 of our members who were ill at home or in the hospital during the month of January. The gift fund also attended to one wedding, 12 farewells, and three funerals during the month of January.

LES TICKS OFF 10 AT TEK



This month of February, 1958 Les Purcell who works in the Shop completes ten years of service with Tektronix.

Les was among the first 18-20 Tek who started working in the original plant at S.E. 7th and Hawthorne. He did welding and painting at Tektronix's first location and in those days working space was so confined that much agile climbing and crawling was required just to get into the "shop" working area.

Before coming to Tektronix, Les worked some time for a company engaged in the repair of electric motors, generators and etc. Since coming to us, he has displayed a remarkable degree of versatility in numerous shop jobs. The Shop is the department with which Les has stayed.

Among his many duties during the years with Tektronix, Les has painted, welded, been day Shop Foreman, sheared, made small brackets, jigs and templates.

When Les came with us to our present location in 1951 he was among the 300 Tek employed at that time. It was during the early months after our move to Sunset & Barnes that he unfortunately lost a thumb in a power brake.

He became shear-man, a critical job which he performed for about four years. Nowadays, owing to his versatility, he may be found working at different jobs anywhere in the Shop area.

Les has a lovely wife, Ruth, to whom he has been married 14 years. Although they have no children, Les has hobbies and interests that pretty well take up his leisure time, among which are woodworking in his home workshop, fishing and hunting. He is a quiet, soft-spoken man, with a very likable personality and a Will Rogers type of dry humor.

Upon completion of ten years of faithful service with Tektronix, we extend to Les Purcell the heartiest best wishes for all good things in the future.

Next Time Instead Of Sheep...

Periodically, through self-discipline or by reminders from experience gained from living among our families and friends, we are reminded to 'count our blessings'. These are numerous and cover a wide range of values. Some are intangible and invaluable; the love of a spouse, the blessing of children and the enjoyment of good health—others are realistic and are counted as personal possessions; your home, automobile and similar things.

Perhaps the most important blessing in this work-a-day world is a vocation we enjoy; a job we're proud to have and earnings that make it possible to acquire more possessions and provide more benefits for our families. Along with a good job which we do for our 'earned income' we have become accustomed to receive benefits not peculiar to our own status, profession or skill but common to the group of which we are a member.

The Tek family, often referred to, has enjoyed a 'way of life' in their work that has made it seem desirable to others that appreciate a work situation in which the individual 'grows' and matches his freedoms with accepted responsibilities. Perhaps at this time of year when we are paying income taxes would be a good time to inquire about our 'unearned' income,—the benefits we enjoy as a group working together at Tektronix.

Articles which outline these benefits and measure them in realistic terms are the most understandable. In TEK TALK, we plan to publish a series of articles that will put benefits in the perspective of what we enjoy and how much this represents in additional income. To start our thinking along these lines it may be interesting to consider a benefit that we pay for, but to a very large extent we do not enjoy. (Or would want to for that matter!) Because of our low termination rate, Tektronix enjoys the minimum Unemployment Tax Rate. But it still represents a staggering sum each year. We're talking about Unemployment Insurance, paid for out of earnings; but which goes to a large extent to benefit other than Tektronix people in the State of Oregon and throughout the United States.

Unemployment Insurance: A Right? or A Benefit?

A company that enjoys as low a turnover rate as Tektronix, does not have as many instances of charges against unemployment insurance as do the many seasonal and contracting businesses. The payroll tax does have to be paid, however, and it is important that every person who is a citizen and taxpayer knows how these benefits are provided. They should also understand

the purposes of Unemployment Insurance, which many claimants evidently feel is a matter of right "because I paid for them".

Basically, when a person becomes unemployed he applies for another job similar to the work from which he has been separated or another job for which he is qualified. If the separation was **not** for reasons disqualifying him for unemployment benefits, he files claim for Unemployment Insurance Benefits at the same time. If he does not find a job during the time known as a 'waiting period' he starts collecting benefits. The sums have been provided for people unemployed through no choice of their own, or who are actively seeking more desirable work and are physically capable of performing a job.

Newspapers in Oregon have carried quite extensive articles about the heavy drain on unemployment funds this year. Possibly more careful and complete investigation of claims will be made in the months to come. At any rate, all of us should be critical of the administration of these funds and not condone the person who 'angles' to collect funds he has 'paid into' when he does not qualify legally or morally for the benefit.

To get an idea of how well we understand the Unemployment Insurance Tax, let's try answering these two questions.

1. "How much unemployment insurance tax do you think was paid by Tektronix last year?"
2. "How much unemployment insurance tax do you think was paid by us, the employees of Tektronix, last year?"

The answers to these questions will be published in next month's Tek Talk. If you wish to turn in your answers to Tek Talk—the closest to the correct answer will be published. Accounting, Don Ellis, and any others with access to such information may voluntarily disqualify themselves.

Test Your Tax IQ

Test your knowledge of the federal income tax law on this quiz prepared by the American Institute of Certified Public Accountants in cooperation with the Internal Revenue Service.

1. After discovering that additional schooling would be helpful to you in your job, you signed up to take a special correspondence course from a nearby university. The cost of your tuition, books and materials will be deductible if.....

- a. You receive a promotion as a result of your study
- b. The special schooling is required by your employer
- c. The cost of the course does not exceed \$100

2. You filled very few inside straights during the past few mos. and lost approximately \$200 to the boys in your Thursday night poker club. You should.....

- a. Deduct the loss in computing adjusted gross income
- b. Subtract the loss from adjusted gross income
- c. Give up poker and start watch-television on Thursday nights

3. Which of the following is **not** taxable income?

- a. Sick pay
- b. Jury fees
- c. Company suggestion awards

Statements that will assist you in supporting this exclusion from your taxable income (Form 2440) are available at the Accounting Dept.

4. Your 17-year old son, who is single and lives at home, worked the summer and earned \$700. When it comes time to file a tax return..

- a. He should not file a return since he is a minor, but you must include his income on your return
- b. He should not file a return since he is a minor, and you need not include his income on your return
- c. You should both file returns

5. You have invested in the future of your company by buying shares of its stock through an employee stock purchase plan. The dividends received from this stock are exempt up to.....

- a. \$50 whether you or your wife owns the stock
- b. \$100 if the stock is held jointly by you and your wife
- c. \$100 regardless of who owns the stock, providing you file a joint return with your wife

6. You gave your church a small piece of real estate for which you had paid \$500 some years ago. Its value at the time of the gift was \$1,500. As a result.....

- a. Your may claim a tax deduction of \$1,500
- b. You must pay a capital gains tax on the 1,000 increase
- c. You may claim a tax deduction of \$500

7. After you have filed your 1958 tax return, the Government is allowed to check your return and bill you for additional tax. The period of time in which this may be done ends.....

- a. On the day you file your 1958 return
- b. Two years after you file your 1957 return
- c. Three years from the due date of your 1957 return

Find Answers On— Page 4—Col 1

AFTERGLOW — From Earlier Sweeps

One Year Ago— Bob Fitzgerald replaced Don Ellis on the Business Executives' Research Committee. The Committee works on problems of how to maintain highly productive employment in a free society. Don Ellis accepted an appointment to serve as a member of the Oregon State Board of Census.

Jean Delord, consultant to our Engineering Department, was promoted to the rank of Associate Professor of Physics at Reed College. Jean has been doing consultant work here since June of 1954.

Three Years Ago— Harry Allison took over from Si Corn as instructor of the Basic Electronics Class.

(This year, Warren Collier heads the Electronics School classes with Six instructors teaching both Basic and Intermediate Classes. Note: See article elsewhere in this issue about 1957 classes. Harry Allison is now in charge of the Field Office in Union. Si Corn is in charge of our territory out of Albuquerque.) **Five Years Ago—** The Boston Office opened on February 9, 1953 with Jack Day in charge of operations. (Jack is back at the Main Plant now in Tube Development, Engineering Division) (Dick Phillips is the present charge-de-affairs in the Tea Party Town and Territory.)

'Scope Class Continue Study Chicago— The land of OZ!

One of the most consistent non-professional efforts to learn about the theory and manufacture of an oscilloscope has been made by the SCOPE CLASS under the instruction and guidance of George Eversizer.

George came directly to Tektronix in March of 1952 after his recall to duty in the Naval Reserve during the Korean conflict. He was on leave from the Army Corps of Engineers at the time but by gentle persuasion of an old buddy (Deane Kidd) he was indoctrinated with the Tektronix spirit. Instruction is not a new field to George, he had been doing just that at the Naval Radar Training Program set up in Billings, Montana during the Korean War. During World War II he served the Navy as a Radio Technician but by George's own admission never fully qualified as a sailor. He recalls one incident when the Exec. Officer found him with a table full of spare parts and tubes after the ship took a roll in heavy seas. (We can bet they had no complaint about the operation of the equipment— even if he wasn't a real salt!)

George spent three or four mos. becoming acquainted with production techniques at Tektronix, (there was no particular schooling set up for new people then), by working for awhile at assembly, cabling, and making sockets for the back of the Scopemobile. Component Test, at that time an operation under the supervision of Bill Lee's Stock Department, was his next stop and then finally arrived in TEST where his first job was wire checking (done now by Quality Control).

As George recalls, it was sometime in the fall of 1953 that many requests from non-technical people for instruction in the theory and practice of practical electronics brought about the formation of the Electronics Classes. Tests were given to establish the level of interest and capabilities of those who requested the training. Three groups were formed. Basic Electronics which began with consideration of the laws of electricity and simple circuits. An intermediate group, which was made up largely of persons having a good understanding of Ohm's Law, some Ham or related electronics experience, and a qualifying score on the screening tests. It was from this group that the first Scope Class began. An advanced group was also formed; these people engaged themselves in a Seminar type class. Each member brought a problem to the group for discussion which they would present to the members of the class as their contribution to the teaching effort. (As we get more information about this advanced group, it will be expanded into another article.)

To get an idea of who attended the SCOPE CLASS, we asked for one of the class rosters. The first roll-call included Ed Egan, Joe Dimeo, Merv Henkes, Ed Kiepe, Pius Scheer, Henry Fritzel, Jim Boyle, Bud Siegel, Herb Crawford, Al Spiegel, Jim Morrow, Mike Park, Bill Lee and Carl Helmer. Others joined the group later, and a few dropped out along the way because of transfers into the field.

In 1955 the group decided that each of them would like to actually build a scope. They proceeded with the project on a kit basis. Each member of the group took a part of it as personal project and produced enough chassis, mountings, switches, etc. for the rest of the group. A good measure of the number that finally completed the project was the transformers that were especially wound for their use by Gordon Sloat's Transformer Department. There were thirty transformers ordered for the SCOPE CLASS, and this, to a degree, limited any expansion of the group. George explained that some of the transformers changed ownership during the project.

Meeting regularly each week, the group finally completed their scopes electronically. Front panel work and some finishing still needs to be done which each will do to his



Part of present Scope Class back row from left, Ron Phillips, Bud Kraker, Sam Tabshy. Front row from left, Rod Skelton, Don Lacey, John Reichen and Ted Evans.

own liking. The proto-type which George has, although not fully calibrated, is a working model of unique design. The major ideas for incorporation into the design of the scope were worked out well ahead of actual work on the instrument. The most important ingredient for the successful completion of a class, George feels, is to settle on satisfactory specifications for a scope and to stick together until the project is finished. This will result in the minimum effort expended to get a completed instrument.

As for specifications of the SCOPE CLASS oscilloscope, Geo. says that it is worth pointing out that the design was not a direct copy although it is about equivalent to a 'basement type' type 532. Sweeps are similar to the '40 series TEK scope. The instrument can duplicate measurements that would require four different plug-ins coupled to a Type 532. George hastened to add however that band-pass available on the single switching arrangement could not compete with the refinements of the plug-in arrangement utilizing the A, C, D, and G Plug-Ins. They wished to accomplish the maximum specifications with a minimum of equipment. The group was evidently satisfied that they had accomplished what they set out to do.

The present SCOPE CLASS started about six-months ago. This was a self-generating group that were fully organized when they came to George requesting his aid. With the ultimate goal of building a scope, and acquiring as much theoretical knowledge as they can in the doing, the group meets each Wednesday afternoon at the Engineering Conference Room. Some of the current group had more theoretical background than others and were primarily interested in finishing a scope, while the rest who can stay with the class longer are taking a slower approach to the problem. The group formed included Rollie Smith, Bill Ewin, Don Lacey, Ted Evans, Ron Hankins, John Reichen, Rod Skelton, Ralph Clure, Bill Barnes, Ron Phillips (Summer Employee), and Sam Tabshy. These Tekers are thinking along the lines of the Type 515, which will be a more exacting mechanical design problem than the larger type of the 532 appearance.

Members of the class secure parts by direct purchases for kits that have been decided upon though the design of the proposed instrument. Parts that are not stock items at Tektronix are obtained through regular channels. Occasional wind-falls of reject fan motors from Instrument Repair or material that has been salvaged by the Tek Foundation for distribution to schools and colleges have helped to make parts procurement a relatively easy problem to solve.

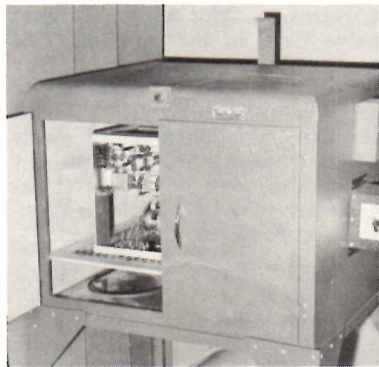
Many Tekers in special departments have aided the SCOPE CLASS in their projects. Fabrication of chassis, switches, transformers and other special items necessary to build a Scope have been obtained with understanding cooperation from those who have been asked for help.

At the present George is working with the Tube Development Group of the Engineering Division. Prior to this he worked with Warren Collier as an instructor in the Electronics School which provides training for Field Engineer Trainees, Test personnel and customer Technicians and engineers.



7514 W. North Avenue, Elmwood Park, Illinois. Our Chicago Field Office.

About the pictures: A note to Ron Goad from Vivian Cook explained that, "With this new camera and Oz constantly firing away, it isn't safe to come down to work without consulting your mirror in the morning three or four times. There were more pictures, but the people refused to give them back after a good look at themselves."



The Dryer. Baking out in this oven insures that moisture does not remain on the chassis or components. (Ideal for warming up the coffee-time snack too we suspect!)

OUT OF STOCK

The stockroom basketball team has, at the time of this writing, a record of two victories and one defeat. They suffered their defeat at the hands of a Banks team and won their victories over teams from the Shop and Transformers. More games are lined up for the future and if keenness counts for anything, they will probably amount to more conquests for the stockroom.

Helmuth Kahlman was observed passing around cigars and candy. This makes Helmuth the father of two good looking girls.



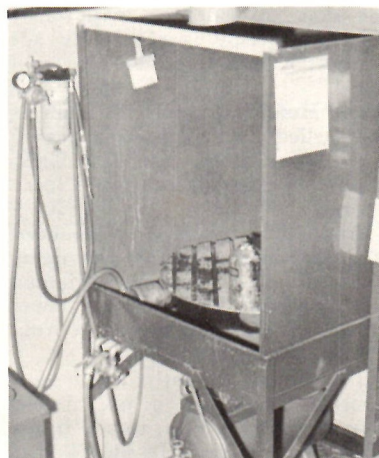
Paula Klahn

Have You Met Paula Klahn? Number five in our "have you met series" is Paula who must be one of the better known people of Tektronix. This is natural since she meets so many others. Part of her job is to make special deliveries around the plant and pick up requisitions for parts and materials. There isn't an office or desk which Paula doesn't know about or who works there. This wasn't always so. When she started this job, a piece of her standard equipment was a personnel album and a layout of the engineering building complete with the names of people and where they worked entered in the appropriate places. Time and an ability to remember names and faces erased this problem so now you may see her, always on the go and always carrying something, even if it's only her faithful clipboard. In between times you may see her at work on some clerical task in the stockroom office.

Paula is an ardent bowler and shares a rented home with her roommate outside Beaverton. Her real off-duty activity however is a course of study at Portland State. Judging by the reports of her being a good student and her keen interest in her studies, it seems pretty certain that you will some day miss Paula on her rounds of deliveries, she is destined for higher things.



Two Chicagoites. Bob Seaberg on the left, bundled up against breezes of the Windy City. Inge Kremeyer, we remember from her visit to Portland this last summer.



The washer. A soap and water bath cleans the be-grimed scope which is then rinsed and blasted free of most moisture by compressed air.

The Chicago clan numbers ten: George Edens, Russ Fillinger, Oz Svehaug, Earl Williams, Ted Anderson, Fred Mueller, Bob Seaberg, Vivian Cook, Inge Kremeyer and Millie Sparesus. We hope Oz or someone catches a few more of them from time to time, after re-checking their morning mirror of course, and gives us some more from the Chicago beat.

CAPACITOR CAPERS



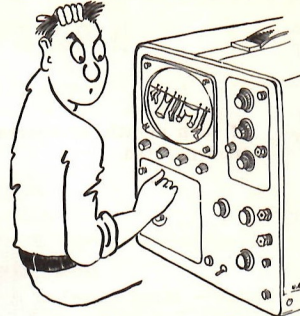
Capacitor gals who moved to their new penthouse in Cedar Hills are these: Standing from the left; Helen Young, Pat Wooten, Donna Hand, Wilma Webb, June Wooldridge, Margaret Pearson, and sitting; Ruth Lukens, Lorraine McNiel, Grace Malone and Harriet Anderson. (Harriet is inviting Margaret to sit— not taking her pulse!)

Texas Radish?



Tommy Evans, field maintenance trainee, who hails from Houston, Texas was real amazed and did quite a double take when he spotted this Oregon grown turnip. Betty Nichols, Manuals, brought the 8½ pounder in from her garden near Scholls, Oregon. Turnips have been dug up on the Nichols' place weighing over ten pounds. At this size, some of them are still quite edible.

SMALL INSTRUMENTS



Attention of Component Test: Will Pavia, who works on the 575-Transistor Curve Tracer, inadvertently gave a transistor a DD test. Detergent Dunking was accomplished by Will leaving a transistor in his shirt pocket. Dorothy Pavia popped the shirt into the wash, transistor and all.

Returning the component, Will decided to see what damage may have been done. So he plugged it into the circuit— The instrument worked perfectly, giving a real clean trace.

A couple of extra transistors are included when a Type 575 is shipped, it was one of these that Will had carried home.

CABLEGRAMS

A farewell party was given for Maxine Calvert who recently returned to Unit Wiring after being on loan to us for almost three months. We will miss you, Maxine. Enjoyed working with you.

Welcome to Joyce Hall, a transfer from Ceramics.

Ruby Miller's party for Cable Department was enjoyed by all.

Capacitor girls, who have recently joined us here in the Shopping Center, gave a get-acquainted coffee break. Cookies and Coffee were served.

Edna Alfano back from a vacation in San Diego, California reports beautiful weather and a grand time.

In order for the growing Resistor group to have more room, Capacitors was separated for the first time in almost four years. Part of the group is moving to the Cedar Hills Shopping Center. The combined Resistor, Tek-Pot and Capacitor group has grown from two to thirty women.

A delicious luncheon was given to departing Capacitor girls by their co-workers on Friday, Jan. 17th. Event of the day was a cake made by Dit Hooker, beautifully decorated with all the departing girls names. On the top of the cake two ceramic bunnies were placed with the words Till We Meet Again.



A return engagement was given to the Resistor-Pot group on Fri., Jan. 24th with casseroles, salads and pies. Present plans are that the group will be together possibly by May.

FINAL FOLLIES



A party in honor of Kate Probstfield, making her tenth year at Tek, was held on January 17 by the Finals department. Some of Kate's friends from the 'early days' of Tek dropped in to offer congratulations and share a piece of her anniversary

Answers To Quiz

1. b. The cost of special schooling is considered a personal expense when pursued voluntarily, and therefore is not deductible. Where additional training is required by an employer, you may deduct the expense of tuition, books and materials. You would be wise to check with the IRS before claiming a deduction for school expenses incurred in connection with your job.
2. c. Watching television can be most relaxing and might even help you forget your poker losses—which is the thing to do because net gambling gains are taxable as income; so if you won money in a football pool, you may use your poker losses to offset these gains.
3. a. Company suggestion awards and jury fees are taxable income. Sick pay is not, however. If you were absent from work due to injury or sickness, and received payments from your employer or his insurance company, these payments are tax free. There are two limitations: the maximum tax amount is \$100 per week; the payments are not tax free until after the first 7 calendar days of absence unless the absence was for sickness during which you were hospitalized for at least one day.
4. c. The law specifically states that the income of a child must be reported on his own federal tax return and not that of the parent. Filing in this manner will not cost you a \$600 dependency exemption on the family return, and your son may also claim a \$600 exemption on his own return. Your child may be claimed as a dependent, regardless of how much he earns, provided he is either a full-time student or under 19 and receives more than one-half of his support from you.
5. a. and b. are both correct. All taxpayers are entitled to a \$50 dividend exemption. A husband and wife can combine their exemptions and receive \$100 in dividends tax free, providing the stock is jointly owned. The filing of a joint return will not qualify them for this double exemption if the stock is held in only one of their names.
6. a. Your deduction for a charitable contribution is the value of the gift at the time it is made. You are not considered to have realized a taxable gain or deductible loss when you give property away. You may claim a charitable deduction for the entire \$1,500 so long as this amount does not exceed 20 per cent (30 per cent in some cases) of your adjusted gross income.
7. c. The government has three years from the due date of your 1957 return to check your return and bill you for additional tax. Since the due date of most individual returns is April 15 and for investigation purposes all returns are treated as though filed on the due date, you should be sure to save all check stubs and receipted bills to prove your declared deductions for 1957 until April 15, 1961.

cake. It was a real surprise to her and she exclaimed, "I felt like a queen for a day." A trip to the coast for the weekend topped off the event.

Bob Wruble reports his newborn doing fine, seeming to be interested only in "eating and sleeping".

Jim Hardisty, whose hobby is building ships in bottles, states that the most fun is emptying the bottles.

Dave Hayes who recently added an NC-300 receiver to his "ham shack" reports it works fine and boasts a contact with England.

Jim VanVeen seen busy evenings and weekends adding a bedroom and another(?) front door to his home. (Ed. note: Most of us get our share of salesmen with one.)

Jerry Gillaspay is reportedly admitting "having soldering iron, will travel."

Lorne Hofeld demands his name is not spelled Thofeld as it appeared as it appeared in last Tek Talk. A simple typographical error. Sorry Thorne.

Production has been announced as already started on two new items with delivery date being sometime in May to the Dick Forsyth home and an arrival of shipment in Aug. for the Wendell Ferlands.

Bob Taylor recently acquired a 4-barrel Derringer pistol, dating back to the Civil War, to add to his 28 gun collection. He pleads that the .30 caliber rim-fire ammunition for it is very hard to find and would like to buy some from any available source.

TRANSFORMERS

Xformers loss of Dick Zschoche to the Warehouse will be felt but our loss is their gain. We all wish the best of luck to Dick.

Sporting new cars (Signs of better times ahead, we hope!) are Rennie Dayton, a new German Borgward and Ed Cornilles, a '56 Mercury Phaeton.

The Ron Van Dykes are expecting in March. This will be number 5. Score: 4 boys—no girls. Ron is betting it will be a boy this time. Last time he bet it would be a girl and lost. This time he wants to lose. That's real psychology. One consolation, five boys will make a Basketball team.

PLASTICATS

Bandages and liniment were the order of the day after the Shop accepted the basketball challenge of the Stock boys. Injuries were discussed much more freely than the score was.

The long arm of the law reached into Plastics the other day. All our little jailbirds (?) are very careful where they park their cars now.

A party was held to celebrate the birthdays of Helen Reed and Betty Bohall.

Several of the girls brought cakes and we had a farewell party for Ed Brooke who is going to try his wings in the entertainment world.

Norma Christianson had a experience that makes a person glad he's joined the human race. On her way east to attend the funeral of her mother, she was taken very ill in Bozeman, Montana and spent twelve days in the hospital. The people of Bozeman, when they heard of her plight, went out of their way to make her feel at home. Her room was filled with flowers and every visiting hour brought new people who were no longer strangers when they left. Thanks, Bozeman, for being so nice to her.

...A traveler back from Wales reports that whenever the through trains stop at Llanfairpwllgwyngyll, the guards simply call out, "If anybody's getting out here, this is it." —Bennett Cerf, Good for a Laugh (Hanover House).

SCIMAREC

John Wong's announcement that he has received his permanent visa to the United States was the incentive for a delicious potluck lunch in the Ceramics Department on January 9. Special decorations were done by Gladys Snell; and Joyce Hall furnished fortune tellers for everyone.

Joyce Hall transferred from Ceramics to Cables on January 15th. We will miss her, but wish her much good luck.

Tek Hoopsters Form Team

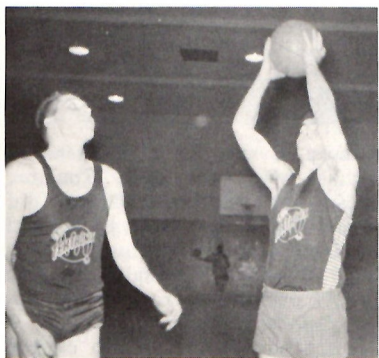
The Tek Team isn't on the top but they are having a lot of fun playing Ball this year. They have a ten game schedule in the Tualitin Valley League and as of now they have their first game to win! Losses total six with a couple of close ones.

The team would like to thank the

Recreation Committee for the very fine cooperation that they have given this year. The new game shirts are really nice. Also, the team would like to thank Silk Screen for the swell silkscreening on the new shirts. It really stands out!



In action against Economy Drug of Hillsboro.



At the half-period, a little back-board banging.

Tektronix, Inc.
P. O. Box 831
Portland 7, Oregon

Lorenzo S Brown
988 S E 14
Beaverton, Oregon

Form 3547 requested

UNIT WIRING

Bill Stout left us for a six months hitch with Uncle Sam. The group headed by Al Hayes gave him a going away "feed" at lunch time and a traveling gift. We hope to hear from him while he's away and see him when he returns. So long, Bill, we (especially Al) miss you already.



Thanks very much to Wayne, Bob and Howard for the cartoon sign. Real nice, guys.



Helen Solem transferred from our department to Requirements on Jan. 21st.

Leone Costa left us at the end of the month to be able to spend more time with her family and "farming" on their ranch at Oregon City, where they plan to move sometime in March.

Mr. and Mrs. Sherman Bell spent the week-end of Jan. 11-12th visiting friends at Vancouver, B.C.

Our January birthday party honored Steve Hughes and Esther Johnson.



Roy Eckleman (Final) got his ball turning over Thursday, Jan. 16th during the Men's 6:30 TEK LEAGUE at Beaverton Bowl. He shot 193-223-203 for a 619 scratch. Roy has a 175 average.

We had quite a bunch at the Men's State Bowling Tourney Sat. and Sunday, January 25-26 at Eugene, Oregon. There were three Tek teams and one Time Finance team which was manned in the majority by Tek keglers.

The team events didn't turn out so good on Saturday—no team got into the money, but we did have some doubles and singles that fared pretty good. Roy Eckleman and Harry Tompkins of Finals came in Third, as of the 28th of January, with 1040 in D Class. Harry had 203-167-168 for 538, and Roy had

EARLY BIRDS—Unit Wiring..

The home of Doris Gibbons was the scene of a baby shower in honor of Phyllis Luce on Jan. 26th. Best Wishes—Phyllis!

Ildra Smith is still at home recovering from an operation. Hurry back Ildra we all miss you.

Leonard Mason's group held a pot luck for our nurse Arlene prior to her leaving us January 31st.



Edith Waltie is taking a trip to San Francisco on February 6th to see a brand new granddaughter. Don't spoil her Edith.

THE JAMES GIRLS:

The coming arrival of the stork diminished our group by one when Lorraine Wunderlick left on the 15th of January. A lovely shower was held in her honor.

If you are seeing red these days it may be Carol Turnage in that new red Hillman station wagon she got on her birthday, the 29th—of January, that is.

Overheard at the end bench—Coming to work doesn't hurt—its the long wait to go home.

DELAYED LINES

Margaret Kilgore wishes to thank her many friends for the flowers and cards she received during her recent illness.

Arlyne Wohlgenuth will appear on Channel 6 on February 15th between 10:30 and 11:00 a.m.. She will display her champion cats. They are Siamese and Abyssinian.

166-156-180 for a 502. Don Pratt and Gisle Borlaug are in the money someplace with a 1066 B Class. Guy bowled 178-142-181 for 501 and Don rolled 172-210-183 for a 565. Don also hit 565 in singles with 193-204-168. With luck this may stay in the money. Guy is also in the singles 191-205-152 for 548.

Clair Kidd came in good in All Events, with 586-534-506 for a 1626. Don Pratt with a team score of 498 and a double and singles score of 565 each totalled 1629 in his class.

We are going to have to put some of the bowling that the Thur. Night Tek League has been doing on TV if this keeps up.

Ed Hopper, Finals, came up with a 266 scratch game on Thursday, Jan. 30th. The same night Roy Eckleman, another Finaler, shot a 645 series scratch. His games were; 205-224-216.

Phoebe X Says:

Everyone should have a copy of the new salmon colored phone book dated January 1, 1958. The copies of the book were distributed in the plant about the first of February.

A Departmental directory is located on page 11 of the book for the use of anyone interested in contacting a certain department in which they do not know the person to whom they wish to talk.

The Alphabetical Directory has been simplified as much as possible in order to allow as much space as possible for addition and correction to the listings. Correction lists dated January 17 were distributed with the books. Additional corrections will be listed every two-weeks in the Group Representatives Meeting Minutes.

Your cooperation in keeping the telephone book at your extension up to date is necessary in order that the telephone system can operate as efficiently as possible.

Thanks to the Printing Department for their assistance in composition of the book.

BULK RATE

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