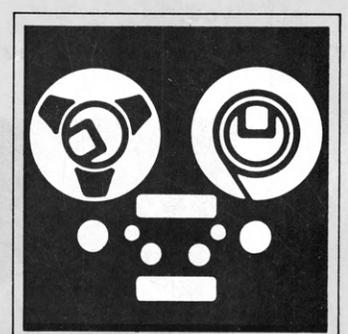
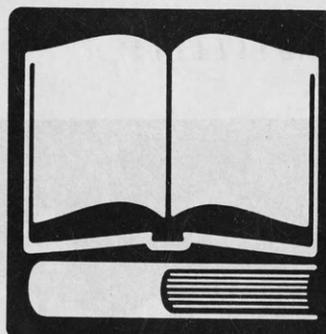
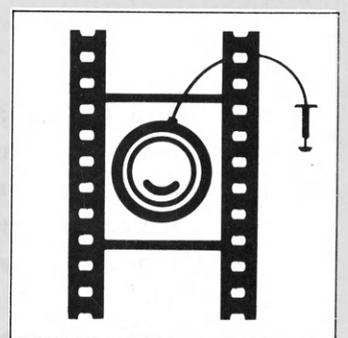
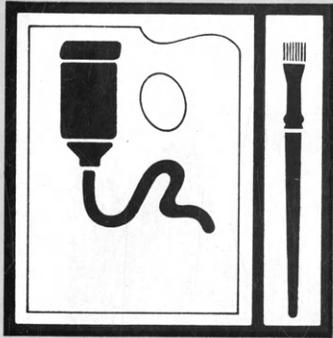


Kansas 4-H Journal

The Family Magazine

January 1979



Careers
and
Education



BUTLER COUNTY COMMUNITY COLLEGE

**YOU CAN RECEIVE EDUCATION AND TRAINING TOWARD MANY CAREER CHOICES
AT BUTLER COUNTY COMMUNITY COLLEGE**

At Butler County Community College, we share the life and learning experiences of old and new educational ideas.

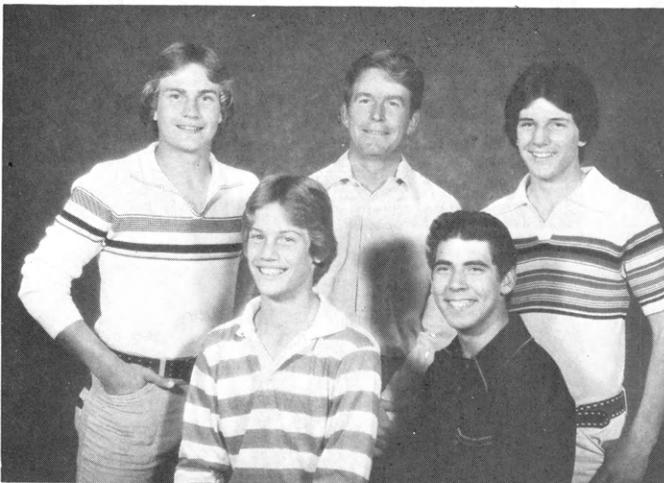
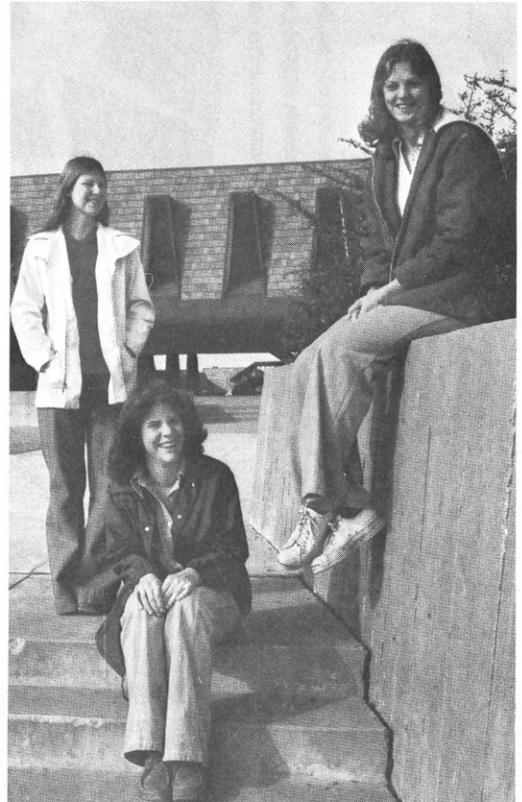
We've committed ourselves to meet the demands of change, as is evidenced by our new agricultural program.

Nursing, Vocational-Technical programs, Business, Science, Music and Drama—these, and many more courses, are available at Butler County. Sports and student activities are, of course, a part of campus life, including a Collegiate 4-H organization.

Our beautiful campus, located in the Flinthills/Bluestem Prairie of Kansas, meets student and community needs for a friendly, healthy experience in life and learning.

Butler County Community College is a personal experience with people, where students, both young and older, interact in a community that cares about you.

Let us tell you more ! ! ! ! ! !



Pictured is the Butler County livestock judging team which recently tied for first place in national competition. Mike Simon, a Butler County Community College student and a member of the Collegiate 4-H Club on the BCCC campus, was the high individual in the contest. Kent McCune placed fourth in the competition.

In the back row, from left, are Kevin Chase, coach Virgil Biby who is the Butler County extension agricultural agent, and Kent McCune; front row, Rick Rensberg and Mike Simon.

**Butler County Community College
P.O. Box 888
El Dorado, KS 67042**

Please send free Brochure and information to:

Name _____

School _____

Address _____

Zip _____

Graduation date _____

Area of Interest _____

Financial Aid Available

S
533
K3
K3
vol. 25
1979

How to know what you want (and how to get it)

By Dr. Allen D. McCune
Halstead Schools
Halstead

How to know what you want (and how to get it) 3

Getting your first job 4

A guide to Kansas vocational-technical schools and junior colleges 9

Kansas occupational outlook 10

Career opportunities without a college degree 11

The secretary and the keypunch/data entry operator 13

Be an auctioneer 14

Two-year colleges 15

Inside on an outdoor job—the Game Protector 17

Four-year colleges 20, 21

The apparel designer 22

Going to college? 23

Health careers 24

Grain science careers 27

An alternative career choice: Entrepreneurship 29

Is forestry the career for me? 32

Glenna Wilson Editor
Debbie Doebele Secretary

Address all correspondence:
Kansas 4-H Journal
Umberger Hall, KSU
Manhattan, Kansas 66506
Phone 913-532-5881

Kansas 4-H Journal is published
10 times a year by

KANSAS 4-H FOUNDATION, INC.

Merle Eyestone Executive Director
John Bolan Associate Director
J. Harold Johnson Field Representative
Trisha Cash Secretary
Ann Walker Treasurer

BOARD OF TRUSTEES

Governor Robert Bennett
Honorary Chairman

Ross Beach, Chrm. Hays
Richard Dillon, Vice-Chrm. Hutchinson
Mrs. Charles Streeter, Treas. Manhattan
John Junior Armstrong Manhattan
Glenn M. Busset Manhattan
W. Dale Critser Wichita
Max Dickerson Kansas City
John O. Dunbar Manhattan
Mrs. Olive Garvey Wichita
Bill House Cedar Vale
Balfour S. Jeffrey Topeka
J. Harold Johnson Manhattan
William M. McDonald Kansas City, Mo.
John D. Montgomery Junction City
George B. Powers Wichita
Glee Smith Larned
Mrs. Dwane Wallace Wichita
*Sen. Frank Carlson Concordia
*Harry Darby Kansas City
*Harold E. Jones Manhattan
*J. J. Moxley Council Grove
*Roger E. Regnier Manhattan
*Dolph Simons, Sr. Lawrence
*John T. Stewart Wellington
*Advisory Member

Use of the 4-H name and symbol approved by the secretary of Agriculture of the United States, January 23, 1951, under the provisions of the laws as reenacted by Sec. 707 of the Act of June 25, 1948 Public Law No. 772 80th Congress (10 USC 797).

If teachers, parents, 4-H leaders, and others could gaze into a crystal ball and forecast exactly what you will be doing 5 or 10 years from now, it would be a relatively simple matter to help you prepare for your future. But no one knows what the future holds for you. Therefore, YOU must prepare yourself to handle whatever the future brings. Others will help, perhaps, but the responsibility is YOURS!

How do you know what you want? and how do you go about getting it?

Careful research by many individuals and groups has developed important guidelines which you can use to prepare for your future:

- **Plan** — If you don't have a plan for the future, you will have to follow someone else's plan. You can always change your plans, but begin now to think about your future and talk about your plans with others.
- **Know yourself** — Specifically what do you like and why? What do you dislike and why? Who are you? What do you really want in life?
- **Prepare for change** — Try to remain flexible, become knowledgeable of the government and laws, learn to be an intelligent consumer.
- **Seek challenges** — Life is a participation sport! Don't sit on the sidelines! Use your abilities to their fullest extent, cultivate new

interests and new activities. 4-H is one of many excellent ways to expand your horizons.

- **Make decisions** — Study as many alternatives as you can think of and their consequences, then make a responsible decision.
- **Seek help** — No one can "go it alone" all the time. Develop friendships, cultivate respect and understanding for people, and don't hesitate to ask for help and guidance when needed.
- **Have faith** — Whatever your race, religion, nationality or heritage, study it and respect the faith of others. Try to understand and remember there are powers greater than yourself.
- **Stay healthy** — Conserve your physical and mental health. Be alert to positive health development and be aware of our environment. It's all we have!

Make Your Own Luck

"Lucky" people have a positive attitude, they are determined, they believe in themselves and their abilities, and they can organize their resources, talent, and their time.

Don't wait! Read these guidelines carefully and begin **now** to implement any which you are not doing. These guidelines apply to everyone — whether you are planning college, vocational education, immediate career employment, or military service — one thing is absolutely certain—

You are the key to your future!

Labette Community Junior College



- + Fully accredited by North Central Association of Colleges and Secondary Schools and National League of Nursing
- + Adult Resource Center for Southeast Kansas
- + Comprehensive transfer and associate degree programs
- + Vocational training in Agribusiness, Construction Trades, Cooperative Industrial Training, Police Science, and Nursing.
- + Inter-collegiate wrestling; experienced Athletic Director

WRITE OR CALL: Dean of Student Services, Labette Community Junior College, 200 South Fourteenth, Parsons, Kansas 67357, Telephone: 316-421-6700

Getting your first job

By Marilyn Bauer
Counselor Educator
as told to
Kathleen Ward

Assistant Extension Editor, 4-H and Youth

As a school counselor, I've helped hundreds of young people get their first jobs. I've found that getting that first job can be hard. However, there are certain steps that can help you end up employed.

Before doing anything else, decide what kind of work you'd like to do. Would you prefer to work inside or outside? With lots of people or few? With math? Writing? In sales?

When you've decided the general type of work you'd like, then you must find where such work might be available.

If you decide, for example, to be your own employer and to do lawn work or house cleaning, a nearby Kansas Job Service center might connect you with clients. Counselors there usually have many such jobs that go untaken.

Or, you might put a simple ad in your local newspaper. One boy I know used this:

High school student wants yard work Mon., Wed., Fri. after 4.

Those 11 words got him more clients than he could handle.

If you want to work for someone else, ask the people at Kansas Job Service, your school counselor, and everyone else you run into about jobs that might be open. There's nothing wrong with your friends' or

relatives' letting you know about jobs and perhaps putting in a good word for you.

And you may very well need some "good words." Therefore, before you start applying around, ask several people if they would mind recommending you to an employer. Then you won't draw a blank if some store owner asks for references. The people you ask to recommend you shouldn't be relatives. They should be people who know you can work well or know you are smart or know you're a good kid. Teachers, ministers, parents of children you've tended and 4-H leaders are some good possibilities.

Also before you start applying around, you'll need to develop a resume, a summary of who you are. Since you'll have little or no experi-

SAMPLE RESUME

(Don't hesitate to adjust or add categories to sell yourself better.)

BEN BABER
(913) 500-4321
Rt. 12, Box 309A
Short Mountain, KS 66661

Age 17
Junior
Short Mountain High School

Experience

1. Leadership
 - a. President of Willing Workers 4-H Club—3 yrs.
 - b. Organized high school's first science fair
 - c. Co-captain of the basketball team
 - d. Agricultural editor for school newspaper
 - e. Vice-president of my sophomore class
 - f. Treasurer for junior class
 - g. Taught Bible School class for third graders
2. Work
 - a. Mowed lawns for family and next door neighbor, who is a shut-in
 - b. Fed family cattle herd
 - c. Helped with hay harvest and planting
 - d. Weld for father
 - e. Breed and raise exotic breeds of chickens
 - f. Cleaned house and helped with younger brothers and sisters while mother worked
 - g. Did volunteer work in physical therapy at Short Mountain Hospital

Activities and Awards

1. Activities not mentioned above
 - a. Pep Club
 - b. Church youth choir
 - c. Attended 4-H Fur Harvester Camp
 - d. Attended 4-H leadership training
2. Awards
 - a. First place in science fair
 - b. Member of top state 4-H poultry judging team
 - c. Third in 440 at South Central Track Meet

Objectives:

I want experience working with people because I'd like to go into business myself someday. I also would like to begin saving for college.
I will be glad to furnish names for references.

ence that an employer would call work, you'll have to do some thinking about what you can put in that summary. You'll want to list things that show you can be a leader, that you have skills, that you're responsible, and that you work well with people. Have you held offices in 4-H? Have you been responsible for seeing the livestock got fed through the winter? Have you cared for younger brothers and sisters after school? Have you done volunteer work? Have you won any awards? These are good things to list in addition to such facts as your name, address, telephone number, and birth date.

The next step is a telephone call. You may want to practice this call with your mom or dad, because many young people tend to speak too softly on the phone to be heard clearly.

If you've not been able to find a job opening, make your call to some place where you'd like to work.

Places which often hire young people are grocery stores, fast food places, and discount stores. But don't overlook places that could fit with your long-range career goals. Newspaper editors have told me, for example, that they sometimes hire youths who plan to study journalism.

When you call, ask to speak to the personnel manager (if it's a large business) or the owner (if it's a small business). Tell that person who you are and ask him to please tell you how you might go about putting an application and your resume "on file" for any future openings he might have.

On the other hand, if you've heard about a business with an opening, follow the same steps except say you'd like to apply for such-and-such job. Ask if there's an application form you should fill out, if you could make an appointment for a job interview, if you should pick the application up, and if you should return it before the interview. Finally, ask if you should submit your resume or bring it to the interview.

Interviews often are the hardest part of getting a job. I suggest you practice what to say with some adult who's been through several job interviews.

You'll find that often interview questions fall into three categories:

1. Who are you? (Where do you



Too relaxed looks like you don't care — you're bored.

go to school; what grade are you in; are you "into" sports; will you be having lots of out-of-school activities?)

2. What makes you think you're so good? (Have you ever done this type of work before; would you be able to handle customers' hassling you; can you make change?)

3. What do you want to be when you grow up? (What are you planning for a career; do you plan to live here after you graduate; are you going to college?)

But have the person you practice with ask you the kinds of questions he's faced. You must get used to thinking "on your feet."

Also before your interview, find out everything you can about the business you'll be visiting, so you won't accidentally ask dumb questions.

Figure out how you'll handle transportation to and from work, too. Employers often are concerned about that with young people.

Then decide what you'll wear. You'll want to be as nicely dressed as the responsible people at the business. Usually a nice shirt and nice slacks for boys and a nice pantsuit or dress for girls are appropriate.

When interview day comes, BE ON TIME. You might never erase the bad impression of being late.

My best advice for the interview itself is simply BE YOURSELF.

Walk in with your head up and a smile on your face. Give your interviewer your resume, if you haven't submitted it already, and tell him who you are and what you're there for. Be as friendly and relaxed as you can.

During the interview, look at your interviewer and listen carefully to what he says. You wouldn't believe how many teenagers got so nervous they simply forget to listen.

Your talking too much or with an "I know all the right answers" at-

titude could make an employer worry that you're a smart alec or someone who talks more than works.

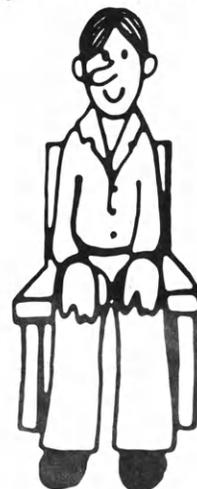
But you will have to talk. You can always ask questions about the job's requirements, pay, hours, and chances for advancement in order to fill those awkward silences.

After all, saying nothing could make the employer wonder if you're too shy to work well with people or if you're such an insecure type that his correcting you someday might send you into hysterics.



Too nervous makes the interviewer feel like a principal.

Of course, you will be nervous. That's natural. Just try not to act as if you are. Nervous taps, twitches, and giggles will drive any interviewer wild. Look as if you're confident you could fill the job well.



Calm, but alert, is the best interview combination.

It might help if you think of each interview as practice for the next one. The fact is, most first interviews don't lead to jobs. But another fact is that with each interview you'll get better.

When you think your interviewer
(Continued on page 14)

Occupational Opportunities — Pla

CAREER AREAS	AVT CENTERS													
	Central Kansas AVTS	Cowley Co. Com. College and AVTS	Flint Hills AVTS	Kansas City AVTS	KAW AVTS	Liberal AVTS	Manhattan AVTS	North Central Kansas AVTS	Northwest Kansas AVTS	Salina AVTS	Southeast Kansas AVTS	Southwest Kansas AVTS	Wichita AVTS	
AGRICULTURE EDUCATION														
Agriculture Production	X	P	X		X	X		X			X		H	
Farm & Ranch Management	P		P					P					P	
Agribusiness Supplies/Service	P	P			X								H	
Agricultural Mechanics	H						X						P	
Agricultural Power & Machinery	P													
Ornamental Horticulture					X							X	X	
Farm Business Analysis	P						P			P				
DISTRIBUTIVE OCCUPATIONS														
Distributive Education	H		X	H		H	X	X	X	H	X	X	X	
Retail Management	P	P												P
Retail Selling Cooperative	P				X									
HEALTH OCCUPATIONS														
Dental Assisting			P		X					P			P	
Medical Lab Tech. (Certified)		P									P		P	
Practical Nurse (Vocational)	P		P	X	X		P	P	P			P	P	
Nursing Assistance (Aide)					X					X	X		P	
Radiology Technology	P													
Mental Health Technician														P
Medical Assistant					X	X			P					
Health Assistant (Coop)				H										
Medical Records Secretary	P				X									P
Medical Records Technician	P													P
HOME ECONOMICS AND RELATED OCCUPATIONS														
Family Health (Aide)														P
Coop. Home Ec. Occupational Prep.	H									P		H	H	
Care & Guidance of Children					X									X
Clothing Prod. & Services													P	H
Consumer & Homemaking											X	X		
Fashion Merchandising														X
Food Management, Prod. & Services			X	X				X		X	X	X		
Home Furnishings (Drapery Const.)														X

CAREER AREAS	AVT CENTERS													
	Central Kansas AVTS	Cowley Co. Com. College and AVTS	Flint Hills AVTS	Kansas City AVTS	KAW AVTS	Liberal AVTS	Manhattan AVTS	North Central Kansas AVTS	Northwest Kansas AVTS	Salina AVTS	Southeast Kansas AVTS	Southwest Kansas AVTS	Wichita AVTS	
Vocational Home Ec.		H				X								
Dietetic Assistant							X							
OFFICE OCCUPATIONS														
Office Education	H	P	X	X		X	X	X	X		H	X	X	
Cooperative Office Education					X			X						
Data Processing		P					P	X	P	P				
Key Punch and Coding					X									
Computer Programming					X									
Office Filing, Machines & Clerical	P													
Office Clerk														H
Secretarial Training	P	P		X	X						P			
Clerk-Typist	P	P												
TRADE AND INDUSTRIAL OCCUPATIONS														
Air Conditioning and Refrigeration					P		P	P				X		
Appliance Repair														
Body and Fender				X	X		X	X	X	P	X			
Mechanics Auto-Truck	X	P	X	X	X	X	X	X	X	P	X	X	X	
Automotive Machine Shop				X		X								
Automotive Parts Management						X								
Aircraft Maintenance													X	
Business Machine Maintenance														
Commercial Art														X
Commercial Photography					X									
Building Const. & Maintenance				X										
Carpentry	X	X	X	X		X	X	X	X	P	X	X	X	
Aircraft Instrument Maintenance														
Aircraft Sheet Metal														
Airframe with Fabrication													X	
ADN	X													
Avionics														
Electricity-Electronics									X					
Industrial Equipment Mechanics				X										

X — For High School — Post High and/or Adults

H — For High School Students Only

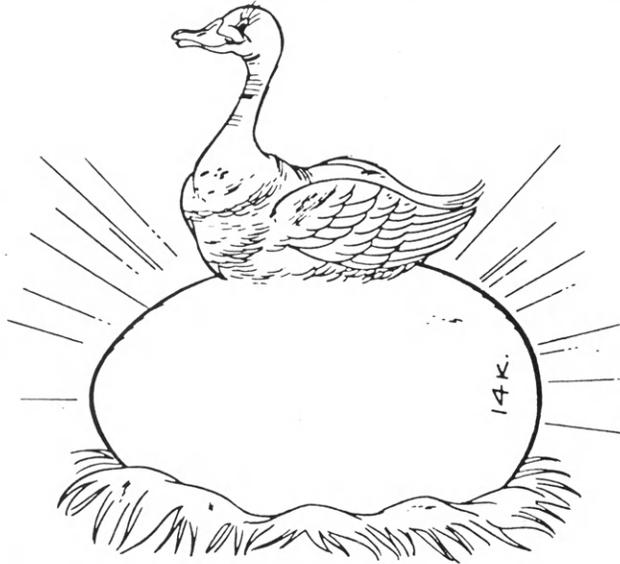
P — For Post High and/or Adults Only

Kansas Association of Area V

our Future Now!

VOCATIONAL EDUCATION Your Golden Opportunity

TECHNICAL AREAS	AVT CENTERS	Central Kansas AVTS	Cowley Co. Com. College and AVTS	Flint Hills AVTS	Kansas City AVTS	KAW AVTS	Liberal AVTS	Manhattan AVTS	North Central Kansas AVTS	Northeast Kansas AVTS	Northwest Kansas AVTS	Salina AVTS	Southeast Kansas AVTS	Southwest Kansas AVTS	Wichita AVTS
Welding															X
Manufacturing		X													
Automotive		X													
Electronics															
Computer															
Printing															
Construction															
Health															
Business															
Education															
Arts															
Music															
Drama															
Physical Education															
Recreation															
Language															
Foreign															
Math															
Science															
History															
Geography															
English															
Reading															
Writing															
Speech															
Public Speaking															
Technical Education															
Environmental															
Engineering															
Technology															



NORTHEAST KANSAS AVTS
Melvern Deckard, Director
1501 Riley
P.O. Box 277
Atchison, Kansas 66002
913-367-6204

LIBERAL AVTS
Melvin F. Corn, Director
P.O. Box 1599
Liberal, Kansas 67901
316-624-2551

NORTH CENTRAL KANSAS AVTS
Dr. Bob Severance, Director
1320 North Walnut
Box 626
Beloit, Kansas 67420
913-738-2276

MANHATTAN AVTS
Bill Berry, Director
3136 Dickens Avenue
Manhattan, Kansas 66502
913-539-7431

SOUTHEAST KANSAS AVTS
Richard R. McWhorter, Director
Sixth and Roosevelt
Coffeyville, Kansas 67337
316-251-3910

CENTRAL KANSAS AVTS
Dr. Dale Brooks, Director
218 East 7th Street
P.O. Box 545
Newton, Kansas 67114
316-283-0930

SOUTHWEST KANSAS AVTS
Dr. Eddie Estes, Director
Second & Comanche
P.O. Box 1576
Dodge City, Kansas 67801
316-225-0285

KANSAS CITY AVTS
Harry L. Falgren, Director
2220 North 59th Street
Kansas City, Kansas 66104
913-334-1000

FLINT HILLS AVTS
Richard Metcalf, Director
3301 West 18th Avenue
Emporia, Kansas 66801
316-342-6404

SALINA AVTS
Eugene Lundgrin, Director
2562 Scanlan Avenue
Salina, Kansas 67403
913-825-2261

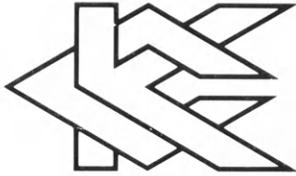
COWLEY COUNTY AVTS
A.F. Buffo, Director
125 South Second Street
Arkansas City, Kansas 67005
316-442-0430

KAW AVTS
Roy J. Berry, Director
5724 Huntoon
Topeka, Kansas 66604
913-272-8680

NORTHWEST KANSAS AVTS
Larry Keirns, Director
1209 Harrison
P.O. Box 668
Goodland, Kansas 67735
913-899-3641

WICHITA AVTS
Richard Ladd, Director
301 South Grove
Wichita, Kansas 67211
316-265-0771

Technical Schools



Kansas City Kansas Community College

Serving educational needs since 1923

KCKCC is fully accredited by the North Central Association of Colleges and Secondary Schools, and by the Kansas State Department of Education. It is approved by the Kansas Veterans Commission and by the Veterans Administration.

College Transfer Credit Programs
Career or Occupational Programs
Adult and Continuing Education Program

Both Day and Evening Classes

For Information, contact the
Director of Admissions

KANSAS CITY KANSAS COMMUNITY COLLEGE

7250 State Avenue Kansas City, Kansas 66112
Phone: 913-334-1100

FORT SCOTT COMMUNITY COLLEGE FORT SCOTT, KANSAS



Fort Scott Community College offers an Agriculture Program that is articulated with 4 year colleges and university transfer program. Also a diversified curriculum to accommodate those desiring to increase their practical knowledge and skills in the agriculture field.

Accredited by the State Board of Education and North Central Association of Colleges and Secondary Schools.

For further information please complete the following and mail to Admissions, Fort Scott Community College, 2108 S. Horton, Fort Scott, Kansas 66701.

Name _____

Mailing Address _____

Phone _____

Information desired: _____

SOUTHEAST KANSAS AREA VOCATIONAL-TECHNICAL SCHOOL



SCHOOL OF FARM AND RANCH MANAGEMENT

The Southeast Kansas School of Farm and Ranch Management offers a two-year program in Agriculture Technology. The principal areas of instruction include: Cow-Calf Management, Feedlot Management, Swine Production, Crops and Soils, Farm Mechanics, and Farm Business Administration. The students spend one-half of their time in lecture and one-half of their time in laboratory. The last six weeks of the second year can be spent specializing in a desired program or on the job.

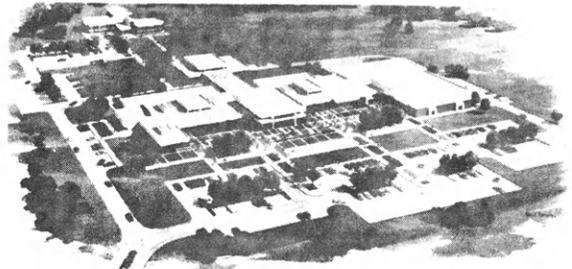
School facilities include: a complete farm production unit of 775 acres plus a complete line of equipment, cow herds, feedlot cattle, bull testing facilities, and swine herds. If you are interested in a professional career in farm and ranch management, you should investigate this program.

Other programs available through the S.E.K. Area Vocational-Technical School include: Machine Shop, Auto Mechanics, Drafting, Printing, Business, Farm Power Mechanics, Brick laying, Carpentry, and Welding.

FOR FURTHER INFORMATION WRITE:

SOUTHEAST KANSAS AREA
VOCATIONAL-TECHNICAL SCHOOL
SIXTH & ROOSEVELT
COFFEYVILLE, KANSAS-67337

THIS IS ACCJC



ALLEN COUNTY COMMUNITY JUNIOR COLLEGE

Fully accredited by the North Central Association of Colleges and Secondary Schools and by the Kansas Department of Public Instruction. Two-year Associate of Arts Degree. ACCJC is a two year public community junior college—a college mindful of, and responsive to, the needs of youth, and of the community.

ACCJC offers a low cost—high quality education in:

- GENERAL EDUCATION
- COLLEGE TRANSFER
- VOCATIONAL-TECHNICAL

INTRODUCING—NEW AGRICULTURE PROGRAMS

One and two year programs in Farm Management, Agri-business, and General Agriculture.

Write: Director of Admissions
Allen County Community Junior College
Iola, Kansas 66749
Phone 365-5116

A guide to Kansas Vocational-Technical Schools and Junior Colleges

By James Wyatt
Centre High School
Lost Springs

Editor's Note: This information about vocational-technical schools and community colleges came from articles in Kansas Farmer; the articles were written by teacher-counselor James Wyatt. The information is used here with permission of Kansas Farmer and of Mr. Wyatt.

Area Vocational-Technical Schools

Some type of post-high school education is highly recommended for high school graduates.

The purpose of attending a one- or two-year institution is to further develop a skill already possessed or to acquire a marketable skill. This skill should not only provide a comfortable livelihood but it should be personally satisfying as well. Each individual's abilities, interests, and basic personality traits should enter into making a choice as to what he will do in life.

The 14 area vocational-technical schools across the state have a variety of programs. Current high school juniors and seniors may enroll in some of the programs if their high school district and the AVTS have such an arrangement. In many cases, however, that is not possible due to the high school being located some distance from the AVTS or the AVTS program requiring the individual to be classified as post-high or adult. Post-high means the individual either has graduated from high school or is 16 years of age or older and has terminated his schooling.

While some AVTS programs may be on a 12-month basis, most are set up on the traditional 9-month school year. Some programs may be less than one school year in length. Ninety percent of the tuition cost is paid by the state and the remaining 10 percent is paid by the individual.

Each vocational-technical school has a placement office to help individuals locate employment after completing a program, if they are not going to be self-employed. The student may also wish to work part-time while attending the AVTS, and the placement office will attempt to secure employment through the Supervised Occupational Experience program. This is a "co-op" component where students alternate classroom instruction with on-the-job experience and receive pay for it as well.

A Learning Skills Center is available to all AVTS locations. The purpose of this center is to help students improve their reading, writing, mathematics, or study skills. Students may enter this program voluntarily or through referral by an instructor.

To learn more about a school it's appropriate to visit the school. Write or call ahead for an appointment.

Applications for acceptance into the various programs may be obtained from the AVTS or from high school guidance offices. For high school seniors planning to attend the following fall, applications should be submitted fairly early in the senior year, as some programs fill early.

Community Colleges

The public community colleges (junior colleges) are excellent post-high school educational institutions.

Some characteristics are: the cost is generally lower than costs at four-year state or church-supported schools; students can live at home and commute if the school is within reasonable distance; one- and two-year

(Continued on page 10)

Cloud County Community College Concordia, Kansas

is concerned about YOU, the individual.

Curriculum:

College Parallel

Career:

Agri-Business (including rural building construction)

Business

General Office Training

Secretarial Training

1. General

2. Legal

3. Medical

New Supervisory Management/Development Program

Nursing

Come and see our new system of individualized instruction in the secretarial sciences

FINANCIAL AID AVAILABLE

For Further Information Contact:

Director of Admissions

Cloud County Community College

Concordia, Kansas 66901

EXPERIENCE YOUR EDUCATION at COFFEYVILLE COMMUNITY JUNIOR COLLEGE



- | | |
|--------------------|----------------------|
| —Agriculture | —Basketball, Men's |
| —Architecture | —Basketball, Women's |
| —Art | —Cheerleading |
| —Business Admin. | —Football |
| —Education major | —Golf |
| —Engineering | —Tennis |
| —Home Economics | —Track |
| —Law | —Volleyball |
| —Marketing | —Wrestling |
| —Math-Science | —Debate |
| —Medicine | —Drama |
| —Med. Lab. Tech. | —Forensics |
| —Music-Instr. Voc. | —Journalism |
| —Pharmacy | —Radio-Tv |
| —Secretarial | —Admissions Appl. |
| —Social Work | —Financial Aid Appl. |
| —Veterinary Med. | —Scholarship Appl. |
| —Baseball | —Dorm Appl. |

If you would like more information about any of our academic, activity, or athletic programs, CLIP THIS FORM, check the areas you are interested in and mail to:

Director of Admissions
Coffeyville Community Junior College
11th and Willow, Coffeyville, Ks. 67337
Or Call: (316) 251-7700, Ext. 21

Name _____ Phone _____

Address _____

H.S. Attended _____ Grad. date _____

Junior colleges

(Continued from page 9)

vocational training programs are offered, as well as transfer programs into four-year institutions; there may perhaps be a closer relationship between student and instructor because of generally smaller class size.

Kansas currently has 19 community colleges, plus Haskell, which is open only to students of American Indian descent.

Upon satisfactorily completing two years and meeting degree requirements, an individual can receive one of these community college degrees: Associate in Arts, Associate in Science, Associate in Applied Sciences, or Associate in General Studies. As mentioned before, community colleges also offer programs for transfer to four-year institutions.

A person interested in a specific program or school should make arrangements to visit the school. Admission and financial applications may be obtained from the admissions office or from the financial aids office of the specific school or from high school guidance of-

ices. Additional information about community colleges can be obtained by writing to the Executive Director, Kansas Association of Community Colleges, 820 Quincy, Topeka, Kansas 66612.

KANSAS SCHOOL of FLORAL DESIGN

"A Career With A Future"

A Course Designed To Train
Students In The Floral Industry



Bill Nye, Director

- Professional instruction in Floral Design and Business Management.
 - Classes starting every few weeks. Limited to 15 Students.
 - Licensed by the State of Kansas Board of Education, Bonded. Write or Call For A Free Class Brochure
- 939½ Massachusetts Lawrence, Kansas 66044
913-843-1400



Academy of Hair Design

115 South Fifth
Salina, Kans. 67401

For Information Concerning
Your Future in the Cosmetology Field

Write or Call
Our School
913 - 825-8155



Listen....
Quality
Education...
Low Cost...



We may be just
the answer for you.
Come on....
Check us out!

Highland
Community Jr. College
Dean of Student Affairs
Highland, KS 66025

The outlook for job seekers in Kansas appears to be favorable through the mid-1980s. Between 1978 and 1985, the number of persons employed is expected to increase from 1,080,675 to 1,263,325, a gain of almost 17 percent.

About 495,000 job openings are projected to occur in Kansas between 1978 and 1985. About 37 percent of these will result from employment expansion with the remaining 63 percent stemming from replacement needs when workers change occupations, retire, or die.

Clerical workers

Demand for clerical workers will provide the largest number of employment opportunities during the 1978-85 period. Almost 105,000, or about 22 percent of all job openings, will be in clerical category. Replacement requirements will be responsible for about two-thirds of

Kansas occupational outlook

By Tina Burghart, Research Analyst
Kansas Department of Human Resources
Topeka

this total. Approximately 27,000 job opportunities will result from demand for secretaries, not including legal and medical. Other clerical occupations that will require over 4,000 workers include typists, bookkeepers, cashiers, and receptionists.

Service occupations

Service occupations will provide Kansas job seekers with about 77,000 job openings between 1978 and 1985. Approximately 74 percent will arise as a result of replacement needs. Demand for

nurses aides and orderlies will account for 14,000 of these job opportunities. A large number of job openings will also result from needs for janitors and sextons, cooks, waiters, and practical nurses.

Professional and technical occupations

Professional and technical occupations will provide the third largest number of opportunities for employment during the 1978 to 1985 period. About 73,000 openings are projected with 43 percent resulting from replacement needs. Demand for elementary teachers will require over 11,000 workers. However, more than three-fourths of these jobs will result from the need to replace workers in existing positions. There will also be a large demand for registered nurses, accountants, physicians, and drafters.

(Continued on page 35)

Career opportunities without a college degree

By Tina Burghart, Research Analyst
Kansas Department of Human Resources
Topeka

What kind of career can be pursued with post-high school training short of a four-year college program? Apprenticeships, junior colleges, technical institutes, and Kansas area vocational-technical schools offer the student training for a variety of career choices. Graduates of courses available in these types of schools are now competing successfully with college graduates for many technical and paraprofessional positions. In addition, employers in some fields, such as crafts, prefer to hire workers with vocational or apprenticeship training above those with a college degree.

There are many kinds of jobs that are obtainable with the types of training mentioned above. The following table lists 15 occupations that usually require apprenticeship, junior college, technical institute, or vocational-technical training. The occupations selected are projected to show a large demand for workers between 1978 and 1985.

Occupation	Projected Yearly Job Openings
Welders and Flamecutters	800
Practical Nurses	700
Cosmetologists	625
Sheetmetal Workers	625
Carpenters	475
Aircraft Mechanics	425
Automobile Mechanics	400
Engineering, Science Technicians	300
Electricians, Construction	275
Drafters	250
Painters, Construction	225
Plumbers	225
Dental Assistants	175
Computer, Peripheral Equipment Operators	150
Computer Programmers	125

Welders and flamecutters are expected to be in demand through the mid-1980s. About 800 job opportunities are expected to arise each year. Wages of most welders range between \$4.75 and \$5 an hour depending on experience, industry, and type of work performed. Employers prefer to hire experienced welders; however, opportunities are available for graduates of vocational-technical schools. Many persons entering this occupation begin as helpers and become welders after they gain sufficient experience.

Approximately 700 **licensed practical nurses** will be needed each year to fill new and existing positions that become vacant. Practical nursing requires one year of training after high school. This training is available at Kansas area vocational-technical schools in McPherson, Atchison, Beloit, Dodge City, Emporia, Manhattan, Chanute, Kansas City, Wichita and Topeka. Wages for licensed practical nurses vary. The state of Kansas pays LPNs between \$600 and \$755 per month.

Job openings for **cosmetologists** will total about 625 per year between 1978 and 1985. Almost 90 percent of these jobs will result from replacement needs due to the large turnover rate in this occupation. In Kansas, cosmetologists must be licensed. Training of one year is usually required. Wages often consist of a salary plus commission, so earnings will increase as the worker builds a steady clientele.

Sheetmetal workers, carpenters, electricians, construction painters, and plumbers are occupations that have apprenticeship programs in Kansas. Union wages for journeymen in these occupations range between \$8 and \$10 an hour. Apprenticeships usually last three or four years. For additional informa-

tion regarding apprenticeships, you may contact the appropriate union or your Kansas Job Service Center.

Demand for **aircraft mechanics** is expected to result in 425 job openings annually. More than 80 percent of these employment opportunities will arise because of growth of the occupation. Mechanics who work on civilian aircraft are usually required to obtain a license from the Federal Aviation Administration (FAA). Many mechanics learn their job in the military or in private schools certified by the FFA. Training courses at these private schools last about two years. For further information about airplane mechanics you may write the Aviation Maintenance Foundation, P.O. Box 739, Basin, Wyoming 82410.

About 400 job openings are expected each year between 1978 and 1985 for **auto mechanics**. Many employers prefer to hire experienced workers. However, some employers will substitute completion of a vocational-technical school course for experience. This training is now available at a large number of area vocational-technical schools in Kansas. Hourly wages vary widely. The state of Kansas pays its auto mechanics a beginning salary of about \$800 a month.

(Continued on page 12)



Crum's beauty college

512 poyntz avenue manhattan, kansas 66502




Approved Scientific Redken College International Approved Pivot Point College

Please come visit our college to see the many advantages of coming here.

Some are:

1. Five highly trained instructors to teach you
2. Pivot Point International College
3. Redkin Scientific College
4. Only S.E.S. college in Kansas
5. Government loan approved
6. Closed Saturdays and Sundays
7. New classes first Tuesday every other month



National Association of Cosmetology School



National Approved Accredited College

Careers without college

(Continued from page 11)

Engineering and science technicians perform highly technical work that would otherwise have to be performed by engineers and scientists. Although workers may qualify for technical jobs through a variety of combinations of experience and education, employers often prefer to hire those with specialized technical training. This training is available at junior colleges, technical institutes, and vocational-technical schools, and it usually lasts about two years. Average wages begin between \$700 and \$800 per month in Kansas.

Job opportunities for **drafters** will total 250 per year between 1978 and 1985. Training as a drafter may be acquired from junior colleges, technical institutes and several area vocational-technical schools. In private industry, wages for beginning drafters average \$700 per month.

About 175 **dental assistants** will be needed each year to fill new positions and vacancies in existing positions. Although training may be obtained on-the-job, formal post-high school classroom training is increasing rapidly. A number of Kansas area vocational-technical schools now have courses in dental assisting. Wages depend on experience and training of the worker with average salaries beginning around \$600 per month.

Computer and peripheral equipment operators will experience a demand for 150 workers each year. About 60 percent of these jobs will result from occupational growth. Most employers require high school graduation plus post-secondary training such as that available at vocational-technical schools, junior colleges, or private business and computer schools. Average wages for experienced console operators range between \$800 and \$900 per month.

Many **computer programmers** are college graduates; however, programming courses are becoming available at an increasing number of technical schools. The Kaw Area Vocational-Technical School in Topeka offers a two-year computer programming course. In Kansas, about 125 job openings are projected to occur each year for prog-

rammers with three-fourths of these due to growth of the occupation. Entry wages for computer programmers range between \$900 and \$1,000 a month.

There are many promising careers open to those who choose post-high school training other than

that offered by four-year colleges and universities. The occupations discussed above are only a few of the possibilities. Opportunities offered by junior colleges and vocational-technical schools compete very successfully with those of

(Continued on page 14)

NEOSHO COUNTY COMMUNITY JUNIOR COLLEGE

1000 S. Allen, Chanute, KS. 66720

Programs for Transfer, Vocational, Cont. Educ.

50 acre campus—co-ed dorms—athletics

For information call 316 431-2820

N.C.C.J.C.

We Want To Visit With You ABOUT

We Offer

Programs in

- Crop Production
- Livestock Production
- Agri-Business
- Transfer Agriculture



WRITE OR CALL
Agriculture Programs
**Cowley County Community
College-AVTS
Arkansas City,
Kansas 67005**

Your Career in Agriculture



U.S. 50 By-Pass & 14th Avenue • Dodge City, Kansas 67801

We're in your future!

Registered Nurse Program • Insurance Technology
Accounting Clerk • Child Care • Agriculture Technology
Radio/TV Communications • Distributive Education
Secretarial Technology • Fashion Merchandising • Coed Dorm
★ **FOUR YEAR TRANSFER PROGRAM** ★
Call Director of Admissions toll free! 1-800-742-9519

The secretary and the keypunch/data entry operator

By Marsha Bayless
Office Education Coordinator
and
Ralph Samuelson
Data Processing Instructor
North Central Kansas Area
Vocational Technical School
Beloit

Office careers is a wide-open expanding area with more opportunities every year. Many of these careers do not require a college degree, yet offer a chance to grow with the company. Two careers worth focusing on are those of secretary and that of keypunch-data entry operator.

By 1985 there will be 875,000 NEW jobs for secretaries (U. S. News and World Report — November 1978). Where will all of these secretaries come from? One of them may be you!

A secretary is responsible for many tasks in the business office. Perhaps the most important skill is that of taking information in shorthand. The employer dictates letters, messages, and reports to the secretary. The secretary then transcribes the material in an acceptable manner. Other duties of the secretary include answering the telephone, scheduling appointments, meeting and greeting the public, serving as the voice of the employer, and working as a communicating link with others in the company.

What does an employer want when looking for a secretary? Two things usually receive top priority—experience and education. Many employers want experienced secretaries. Experience may be difficult to obtain for many students just leaving high school. Education may have to be the answer for these students. Many of the state's vocational-technical schools offer the student an opportunity to gain both education and experience. The student may spend half a day in a classroom situation and the other half day in an actual office in a cooperating business in the community. By the time the student has completed the program, both education and experience have been acquired.

What type of person should be a secretary? A secretary is a person

who is a quick thinker, one who knows or can learn shorthand, one who has an acceptable typewriting skill, one who can get along with other people, and a person who can present a positive image for the company.

Secretarial incomes vary widely. Income is often determined by the geographical location of the business as well as the type of business itself. A salary range of \$5,400 to \$8,200 is not unrealistic. Some secretaries who specialize in the legal or medical fields often exceed a salary of \$10,000 per year. As the demand for secretaries increases in the

next few years, salaries should rise accordingly.

Do you want to be employed in an occupation which offers the benefits of regular employment in a fast-expanding field with an outlook for the future? There is opportunity for you in studying to be a keypunch or data entry station operator.

In September 1977 a descriptive survey was taken by a group of students at Kansas State University regarding data processing employment opportunities in Kansas. The 726 organizations who answered cited 4,712 positions in data processing

(Continued on page 14)

**There's Still Time To Enroll
At Adela Hale**

An Exciting business career can be yours.
Enroll by the course, subject or month.

Begin training as a Secretary, Business Manager, an Accountant, Data Processor or as a Business Machines Operator.

Enroll Now

Adela Hale Business Career School
1st & Plum, (316) 663-4419, Hutchinson, Ks. 67501
Financial & Placement Assistance • Accredited AICS
Approved For Veterans • Founded in 1932



TAKE TWO YEARS



**AT A
CHRISTIAN
COLLEGE
AND
PREPARE
FOR A JOB**

Take two years of
personalized training
in the career area
of your choice

For more information, please check areas of interest and mail to Director, Admissions, Central College, McPherson, KS 67460

accounting	agri-business	business	aviation	auto mechanics
Bible/Christian service	business management	carpentry	child	
care	data processing	dietetics	library technology	piano
instruction	pre-nursing	recreational leadership	secretarial	
social service associate	transfer program	other, please specify		

Name _____

Address _____

City _____

State _____ Zip _____

Phone _____ Yr of grad _____

Church Affiliation _____



**Central
College**
39 MCPHERSON, KANSAS 67460

Office careers (Continued from page 13) sing in about five different categories; of these jobs, 1,564 (33.2 percent) were keypunch or data entry operator positions.

The primary difference between a keypunch operator and a data entry operator is the media with which they work. The keypunch operator punches holes into cards. The cards are then fed into the computer. The data entry operator works with eight-inch diskettes also known as "floppy disks." The operator keys the information which is transferred as magnetized spots onto the diskette.

To enter a career in keypunch/data entry one should be a good typist, have a good background in general business, and a good knowledge of human relations. Good human relations is the essence of success in any type of job. In addition to these skills, you should be extremely accurate in your work and able to organize your work well.

A person employed in this field must be patient and understanding, be willing to sit for long periods of time doing detailed work, and be able to meet deadlines. A cheery personality and a good sense of humor are definite assets along with the quality of perseverance.

As a keypunch-data entry operator, one will be working around highly-trained individuals in the computer field. Consequently, there is opportunity to accumulate extra knowledge of other unit operations along the way. A keypunch-data entry operator should not be reluctant to being retrained for a position as computer programmer or for the use of some new machine which may appear on the scene. With the changeover gradually from keypunch to data entry operator, the job should be more satisfying because data entry operation is a more refined operation, the environment is much quieter, and errors in keying are much easier to correct.

One can probably be employed in Kansas as a keypunch/data entry operator at a salary of \$500 to \$600 per month depending on the location.

Training for such positions can be obtained in vocational schools, community colleges, private data processing or business schools, or with on-the-job training.

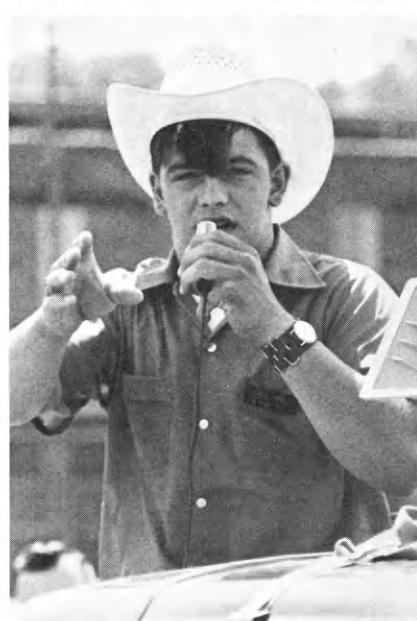
Be an auctioneer

By Col. Dick DeWees and
Col. Karen Swofford
Missouri Auction School

More livestock, equipment, furniture, antiques, real estate, and a multitude of other items are being sold to the chant of the well-trained auctioneer than ever before.

Auctioneering is a satisfying profession in both the work involved and the financial rewards. An auctioneer sells to and for people from all walks of life. He is a responsible individual. In many instances he is called upon to sell out an estate or property of a retiring farmer or businessman and, in a few hours, turns into cash a seller's life savings. He works in good weather and bad. He or she normally receives a flat fee on an auction where he regularly works one or more days a week, and a commission based on the gross receipts of the auction, whether a business liquidation, or a sale of farm equipment, antiques, household goods, or real estate. The commission could normally vary from \$100 upwards on a household auction to several thousands of dollars on a large farm sale where the land was also sold at the auction.

The formal training for an auctioneer consists of a two-week concentrated course. There are no



An auctioneering student from Maryland is selling at the Missouri Auction School in Kansas City.

auction schools in Kansas, but there are schools in Iowa, Arkansas, Montana, Illinois, Indiana, Tennessee, North Carolina, and Missouri. The Missouri Auction School at Kansas City stockyards has trained all types of auctioneers; about 10 percent are women. The tuition is \$300 and a student should allow an additional \$150 for board and room.

When you graduate you will not be the greatest auctioneer in your area, but you will not only have had classroom training in Kansas City, but you will have sold a number of public auctions. You can therefore sell and manage the average small sale immediately upon returning home. Each successive sale will give you more experience, and you can become one of the best auctioneers in your area.

Careers without college

(Continued from page 12)

four-year colleges. In addition, although many types of occupations may be entered with only a high school diploma, those job seekers with post-secondary education have a definite advantage in obtaining employment and advancement opportunities.

If you would like additional information on these or other careers you may contact Fred A. Rice, Chief, Research and Analysis Section, Kansas Department of Human Resources, 401 Topeka Avenue, Topeka, Kansas 66603.

Your first job (Continued from page 5)

is through with you, thank him for his time. Remember, he's a businessman and doesn't have time to chit-chat. Tell him when you can start work and ask when you should check back to find out his decision on whom to hire. Leave cheerfully and then **DO CHECK BACK.**

And, hey, good luck with your first job.

Interested in a summer job for '79?

High school and college students;
Summer jobs are available at
Rock Springs Ranch,
the state 4-H Center,
and at Southwest 4-H Center.
Write by Mid-January, 1979,
to: Chris Knobel, Director,
Rock Springs Ranch,
Route 1,
Junction City, Ks. 66441.
Ask for an application.

KANSAS TWO-YEAR COLLEGES

Public Community Junior Colleges

WRITE FOR INFORMATION TO

On Campus Housing Capacity

Room & Board Per Sem. Fall, 1978

Tuition Per Sem. (Kans. Res.) Fall, 1978

(Equated Full-Time Enrollment Fall, 1978)

Location

College Name	Location	(Equated Full-Time Enrollment Fall, 1978)	Tuition Per Sem. (Kans. Res.) Fall, 1978	Room & Board Per Sem. Fall, 1978	On Campus Housing Capacity	WRITE FOR INFORMATION TO
Allen County Community Jr. College	Iola	543	\$ 8 credit hr.	\$490	96	Registrar, Allen County Community Jr. College, 1801 N. Cottonwood, Iola, Kans. 66749.
Barton County Community College	Great Bend	1,056	\$10 credit hr.	\$675	144	Director of Admissions, Barton County Comm. Jr. College, Great Bend, Kans. 67530.
Butler County Community College	El Dorado	1,093	\$13 credit hr.	\$575	112	Director of Admissions, Butler County Community College, El Dorado, Kans. 67042.
Cloud County Community College	Concordia	877	\$ 8 credit hr.	\$600	176	J. W. Carlson, Dir. of Admissions, Cloud County Community College, Concordia, Kans. 66901.
Coffeyville Community Jr. College	Coffeyville	687	\$ 8 credit hr.	\$520	175	Dir. of Admissions, Coffeyville Community Jr. College, Coffeyville, Kans. 67337.
Colby Community College	Colby	844	\$215 per sem.	\$600-640	264	Dennis Michaelis, Dean of Admissions, Colby Community College, Colby, Kans. 67701.
Cowley County Community College & Vocational-Technical School	Arkansas City	787	\$ 8 credit hr.	\$635	108	W. S. Scott, Dean of Students, Cowley County Community College, Arkansas City, Kans. 67005.
Dodge City Community College	Dodge City	1,042	\$10 credit hr.	\$620	200	V. James Sherer, Director of Admissions, Dodge City Community College, Dodge City, Kans. 67801.
Fort Scott Community College	Fort Scott	666	\$ 8 credit hr.	\$572	120	Registrar, Fort Scott Community Jr. College, 2108 S. Horton, Fort Scott, Kans. 66701.
Garden City Community Jr. College	Garden City	1,087	\$ 8 credit hr.	\$675	342	Director of Admissions, Garden City Community Jr. College, Garden City, Kans. 67846.
Highland Community Jr. College	Highland	632	\$10 credit hr.	\$475	140	Douglas L. Fitch, Dean of Student Affairs, Highland Community Jr. College, Highland, Kans. 66035.
Hutchinson Community College	Hutchinson	1,806	\$10 credit hr.	\$600	400	Director of Admissions, Hutchinson Community College, Hutchinson, Kans. 67501.
Independence Community Jr. College	Independence	539	\$ 8 credit hr.	\$800	96	Director of Admissions, Independence Community Jr. College, Independence, Kans. 67301.
Johnson County Community College	Overland Park	5,440	\$15 credit hr.			Director of Admissions, Johnson County Community College, College Blvd. & Quivira Rd., Overland Park, Kans. 66210.
Kansas City Kansas Community College	Kansas City	3,262	\$10 credit hr.			Director of Admissions and Registrar, Kansas City, Kans. Community Jr. College, 7250 State Ave., Kansas City, Kans. 66112.
Labette Community Jr. College	Parsons	517	\$ 8 credit hr.	\$520	80	Labette Community Jr. College, 200 South 14th St., Parsons, Kans. 67357.
Neosho County Community College	Chanute	440	\$ 8 credit hr.	\$650	104	Homer F. Bearrick, Dean of Students, Neosho County Community College, Chanute, Kans. 66720.
Pratt Community Jr. College	Pratt	470	\$10 credit hr.	\$650	104	Director of Admissions, Pratt Community Jr. College, Pratt, Kans. 67124.
Seward County Community College	Liberal	493	\$ 8 credit hr.	\$640	88	Dean of Student Services, Seward County College, Liberal, Kans. 67901.
Central College	McPherson	238	\$1,025	\$695	240	Director of Admissions, Central College, McPherson, Kans. 67460.
Donnelly College	Kansas City	500	\$35 credit hr.			Donnelly College, 1236 Sandusky, Kansas City, Kans., 66102.
Hesston College	Hesston	643	\$12-14 cr. hrs.	\$610	545	Student Services Department, Hesston College, Hesston, Kans. 67062.
St. John's College	Winfield	265	\$720 (ave.)	\$675	300	Wallace Behrhorst, Director of Admissions, St. John's College, Winfield, Kans. 67156.
Kansas Technical Institute	Salina	260	\$142.50	\$525	135	Director of Admissions, Kansas Technical Institute, Salina, Kans. 67401.
Vocational Technical Institute (Kansas State College of Pittsburg)	Pittsburg	265	\$87.25	\$574-822	873	William Gary Ward, Director, Vocational Technical Institute, Kansas State College of Pittsburg, Kans. 66762.

Private Two-Year Colleges

State Technical Institutes

A little about us . . .

Studies in agriculture and home economics and an extra year or two of 4-H work is part of what Colby Community College has for you.

Agriculture is the largest and one of the fastest growing areas at Colby Community College. Students interested in agriculture can complete one- or two-year programs in beef cattle production, sheep science, horse production, swine science or farm and ranch management. Many students attend CCC for the first two of four or more years required for careers in agribusiness, agriculture economics, research, vocational education, agriculture journalism . . . Whatever agriculture field you choose, you'll work with nationally recognized instructors and gain practical experience at the college farm just four miles northeast of Colby.

Home economists in modern society may be women or men. Their careers may be as interior designers, buyers for the fashion, cookware or home decorating departments of large stores or operators of child care centers. They may be dietitians, home economics extension agents or family economists. They may be teachers, either in formal home economics classrooms or in informal classes to help people improve their standard of living.

Colby Community College offers the basic major and liberal arts courses for students wishing a career in a home economics-related area. Students' schedules are planned to make transfer after two years as simple as possible.

AGRICULTURE



COLLEGIATE



and a little more . .

Not all 4-H'ers are interested in agriculture or home economics projects or careers. At Colby Community College you can begin preparing for your career—whatever field it is to be in. Colby

Community College offers both transfer and career programs. All courses for students planning at least four years of college are transferable to other colleges in Kansas and surrounding states. Your advisor will get to know you and your plans so the courses in which you enroll will help you meet your goals.

Our one- and two-year programs will help you prepare for careers in animal hospital technology, mental health technology, optometric technology, practical nursing, criminal justice, secretarial science, mid-management, printing, broadcasting and many other areas.

At Colby Community College, you'll meet students from throughout the state, across the country and around the world. You'll be as involved as you want to be in college and community activities.

Most of all, at Colby Community College you'll find people who care—who care about you. And that's the most important thing about Colby Community College—we're people who care about you—and want to give you the best possible start toward your future.



HOME ECONOMICS

Colby Community College

For complete information, please contact the Office of Admissions, Colby Community College, 1255 South Range, Colby, KS. 67701. The telephone number is (913) 462-3984 or, toll-free in Kansas, 800-432-7966. Colby Community College is fully accredited by the North Central Association of Colleges and Secondary Schools.

Inside on an outdoor job— the Game Protector

By Rod Baughman, Staff Writer
Kansas Fish and Game Commission

No longer is he just a backwoods cop who walks a different beat — stream banks and fencerows instead of city streets.

Today, in the work of the state game protector who checks your fishing license on the lakeside there's a lot more going on than what the public sees. Law enforcement still occupies much of his time — about 50 percent — but now he spends fully as many hours on conservation work. Working outdoors everyday, the game protector gets to know the habits and movements of wildlife probably better than anyone, so he frequently assists Fish and Game Commission biologists in the trapping, banding, and transplanting of game animals.

And if you happen to be fishing sometime when a boat slides by with a couple of uniformed Fish and Game employees in it pulling a seine and writing on clipboards, chances are, one of them is a game protector. G.P.'s assist in fish sampling programs and stocking operations, as well as performing fish surveys.

The man with the badge also doubles as environmental officer. When there is an unusual fish kill or a report of a pollution problem, he takes part in the investigation.

Since the game protector spends most of his time in the field, he necessarily carries on much of the commission's public relations. His is a familiar face in the community, so when a school or social club needs a speaker on conservation, boating safety, the outlook for the coming hunting season, or some related topic, he is usually the first to be asked.

And the fishing and hunting reports you read in the local paper are the product of his hand, either written personally by the game protector or taken from field reports he has gathered around his area.

Game biologist, fisheries field researcher, public relations man — the game protector is a little of all of these, in addition to his main role as enforcer of the laws that protect our wildlife. And even this part of his

(Continued on page 30)

“Sooner or later you have to stop playing games. And start thinking about what comes next.”

Bert Jones

Bert Jones,
Baltimore Colts

A good place to start is the Army National Guard. You see, this is the best time of year to join the Guard. You can go right into training with no waiting around.

And you'll be home before you know it. With a skill. And a good-paying part-time job, to boot.

Get a head start on your future. Get going in the Army Guard. Now.

See your
local recruiter.
Or call toll-free
800-638-7600.

**Get your
Guard up.**



THE KANSAS ARMY NATIONAL GUARD HAS MEANINGFUL PART TIME JOBS FOR YOUNG MEN AND WOMEN.

CALL OR VISIT YOUR LOCAL KANSAS NATIONAL GUARD ARMORY.

LEADERSHIP DEVELOPMENT IS THE KEY

Announcing The 1978 Kansas 4-H Key Award Winners



Of all the honors that can be gained in 4-H work, none is more prestigious than the Kansas 4-H Key Award. Regulations for Key Award consideration are stringent; only about one percent of the state's members are given this recognition each year. Candidates must first meet mandatory requirements which include a minimum of three years of club work completed, participation in at least two out-of-county events, enrollment in Junior Leadership during the current year, and two letters of recommendation — one of which must be from the adult leader of the club.

In addition to these and other basic qualifications, each nominee for the 4-H Key Award must have demonstrated

outstanding contributions in leadership, citizenship, and community service. Exhibits, demonstrations, judging, public relations work, the holding of offices, and evidence of handling increased responsibilities in projects are also considered by the State Awards Committee when determining whether a 4-H'er has earned this honor.

With so many factors considered, the 4-H Key Award obviously is recognition for leadership development. Simply stated, it recognizes members who have lived up to the high ideals expressed by the 4-H pledge. It is an award to strive for with determination ... to win with a feeling of accomplishment ... and to wear with pride. Congratulations, winners!

Allen

Steven J. Kipp
Linda Joan Butts

Anderson

Rex Lizer
David Patton
Joe Rickabaugh
Darren McGhee
Ruth Ann Bodenhamer

Atchison

Wanda Renee Wilson
Betty Jean Taliaferro
Joan Ann Schrieber

Barber

Elizabeth Lonker
Susan Bland
Allen Dick

Barton

Kelly Miller
Tim Demel
Gina Clark
Patricia Kaiser
Laura Dietz
Carolyn Button
Tracy Fanshier

Bourbon

Lisa Marie Simpson
Julie Koester
Kathryn A. Collins

Brown

Kirk Pederson
Gary Brockhoff
Bob Hooper
Jeff Herbster
Mary Ann Wehrman

Butler

Robert D. Nellans
Michael C. Simon
Jody Blecha
Deborah K. Bunyard
Teresa S. Clarkson
Kim Counterman
Jennifer R. Mitchell
Lori L. Tighe

Cherokee

Kim Hefley
LeAnn Johnston
Kristi Stevens

Chase

Mary Peyton Cauthorn

Cheyenne

Jim Eggers

Clark

Pamela Sue Brown

Clay

Cindi Habluetzel
Sheri Steenbock
Marshalla Todd

Cloud

Tony Sorell
Tami Morgan
Pam Breen
Karen Breen

Coffey

Mark Raaf
Gwen Jenkins

Comanche

Sandra Murphey

Cowley

Mark E. Post
Marshall L. Post
Justin Waite
Karen Chrisler
Nancy Mackey
Jane Baird

Crawford

Scott Williams
Michael Bishop
Lorene Jagels

Dickinson

Eric Clay Sexton
Jay A. Griffin
Marc E. Riffel
David Lehman
Mark Curtis Brunner
Tod Hettenbach
Susan Tousignant
Angela Scanlan
Carol Kidwell
Lori L. Gugler
Deanna Hoffman
Andra Kaye Hobbs

Doniphan

Gail Luedke
Wanda J. Olson

Douglas

Merlin L. Johnston
 Steven E. Silbers
 Steven Wintermantel
 Esther M. Hagen
 Michelle D. Senecal
 Lori M. Willits

Dwards

Amy Bender

Ik

Duane Brown

ilis

Dan Denning
 Catherine Dossey
 Susan Walker
 Theresa Schippers

inney

Wayne Goss
 Patricia Lorraine Fillmore
 Joyce Lea Dechant
 Brenda Sinclair

ord

Brad Martin
 Duane Bayless
 David Robinson
 Bryan Owens
 Kyle Long
 Lois Vogel

ranklin

Alan L. Maxwell
 Dan Rockers
 Donna Schamle
 Ramona Lintner

early

Verle Amthauer
 Keith Aschar
 Belinda Decker

ove

Linda Jones

Graham

MaDonna Farrell
 Lee Ann Brown
 Lisa Billips

Grant

Linda C. Moore
 Teri Lozar

Gray

John Rowan

Greeley

Bradley Stone
 Cari Werner

Greenwood

Linton Lewis
 Sharon Huber
 Janece English
 Jackie Peaster

Hamilton

Kevin Fox

Harper

Tim Dierksen
 Rodney Hughes
 Pam Catlin

Harvey

Jeffrey Gronau
 Krisann Gronau

Haskell

Donna Gerstner
 Melody Dunham
 Connie Malone
 Marilyn Clawson

Hodgeman

Rhonda Boger
 Shelly Lightfoot
 Kathi Shortridge

Jackson

Carl Williams
 Jill Guess

Jefferson

Rex Rees
 Debra Adams
 Tamara Ashby
 Glenda Hefty
 Dawna Lintz
 Jean Serene
 Nancy Bigham
 Pamela Mueller

Jewell

Linda Frerichs

Johnson

Robert Holland
 Randolph Russell
 Jacqueline Davis
 Laura A. Linsey
 Pam Swanson

Kearny

Rhonda Palmer

Kingman

Dennis Thieme
 Patrick Dick
 Deb Gorman
 Debra Mueller
 Diana McCormick

Kiowa

Lori Schooley

Labette

Jeff Falkenstien
 Rick McKinzie
 Roxie Roberts
 Brenda Stottman
 Cassandra Mikel

Lane

Angie Habiger

Leavenworth

David M. Sachse
 Randy Heim
 Anthony B. Kramer
 Jim Pearson
 David Jons
 Linda Long
 Karen M. Sharp
 Brenda Sue Hand
 Linda C. Adcock
 Pamela Campbell
 Angela Anne Schneider

Lincoln

Denton Jorgensen
 Carla Morrival
 Feona Clark
 Tamara Kay Panzer

Linn

Ivan Wayne Gabbert
 Vickie E. Clark
 Marilyn Smith
 Dorothy Avery

Logan

Jim Mather

Lyon

Matt Haag
 Nennette Luginsland
 Sandy Anderson
 Debra Jones
 Elizabeth Gardner
 Phyllis Flott

Marion

Tim Wedel
 Donovan Funk
 Aileen Boese
 Frances Klenda
 Penny Morgan

Marshall

Lee Bigham
 LuAnn Wassenberg
 Monica Olmsted
 Judy Carlson

McPherson

Beverly Elaine Sents
 Julie Dawn Tarum
 Becky Lundquist
 Linda Lee Otte

Meade

Nancy Mertens

Miami

Joan Scherman
 Mary Kane
 Lorri Owen
 Cathy Aiken
 Dolores Butel
 Rose Hendrickson

Mitchell

Tim Wiles
 Roberta Wiegand
 Callie Wise

Montgomery

Stanley Gartner
 Debbie Clubine
 Terri Johnston
 Debra Lattin
 Paula Newmaster
 Sharon Smith

Morris

Barbara Reveal
 Karla R. Dierking
 Stephanie M. Mowry

Morton

Bryan Lee Fisher
 Cindy Tucker
 Shurma Rae Milburn

Nemaha

Robin Figs
 Laurie Haflick
 Julene Strathman

Neosho

Mark Wayne Reinhardt
 Randy Reinhardt
 Linda Summerville
 Lisa Renee Colborn
 Rose Marie Robinson
 Lisa Hartman

Ness

Tom Wierman
 Randy Hager

Norton

Eric Thiele
 Bradley McMullen

Osage

Ed Thompson
 Connie Snyder

Osborne

Janel R. Carswell

Ottawa

Kathryn Ann Bearness
 Sally L. McCall

Pawnee

Darren Haun
 Kraig Froetschner
 Verlayne Froetschner

Phillips

Doug Van Allen
 Renee Nyhart
 LewAnn G. Schneider

Pottawatomie

Lance Rezac
 Janice Hammarlund
 Jan Mergenmeier

Rawlins

Laurie Green
 Shelly Holle

Reno

Joseph W. Horton
 David A. Roth
 Tim Rinehart

Republic

Lori Shoemaker
 Marcy Ann Hurley
 Lori Reynolds
 Jan Blazek

Rice

Sandra Myers

Riley

Keith Siemsen
 Roy Duer
 Jeff Bohnenblust
 Kim Zentz
 Janet Olson
 Sandy Warnica

Rooks

Greg Thyfault
 Dale Carpenter

Rush

Rhonda Kay Lippert

Russell

Lucy Anschutz
 Sherry Driscoll
 Kimberly Flegler

Saline

Lisa Labes
 Sharon Swanson
 Lori Brax
 Donna Jean Persigehl
 Becky Zerger
 Becky Jennison

Scott

Dick See
 Trina Cole
 Deena Krebs
 Michelle Maddux

Sedgwick

Scott R. Bayer
 Michael Becker
 Christopher P. Radiel
 Darrell Reida
 Bob Seiler
 Kelly Rundell

Lori Michelle Goering
 Mary Anne Radiel
 Jane Elizabeth Allen
 Barbara Ott

Seward

Celia Webster

Shawnee

Ronda S. Jepson
 Sandra Louise Hundley
 Brenda Fay Hundley
 Teresa L. Weixelman

Sheridan

Herb Cressler
 Joyce Karnes
 Leah Engel

Sherman

Jim Mosbarger
 Jay Anderson
 Marsha Craft
 Marilyn Bolt
 Raidel Pettibone
 Karen Gattshall

Smith

Denise L. Brokaw

Stafford

Mark Saylor
 Cindy Hullman

Stanton

Teresa Shore

Stevens

Kara White

Sumner

Les Glenn
 Earl Troutman
 Theresa Zimmerman
 Jan Troutman

Thomas

Darrel Dible
 Heather Hopper
 Mary Crabtree

Wabaunsee

Rolinda Lou Smith
 Brenda Stockman
 Nancy Gensing

Wallace

Ann Daily
 Loretta Herman

Washington

Jackie Cyr

Wichita

Rita Berend

Woodson

Chuck Morrison
 Stephanie Pringle

Wyandotte

Eric Edmond Vaught
 Amy Crouse
 LaReta Maria Tabor
 Bridget Wolfe



KANSAS Federal
 Land Bank Associations

The Bank of Generations

Kansas Four-Year Colleges

School	Location	Fall Semester, 1978		Type	Affiliation	Accreditation
		(Equated Full-Time)	Enrollment			
Baker University	Baldwin	872	Coed	Methodist	Kansas State Department of Public Instruction; Nat'l. Council for Accred. of Teacher Education; University Senate of the Methodist Church; American Assoc. of Univ. Women*	
Benedictine College	Atchison	1,007	Coed	Catholic	Nat'l. Council for Accred. of Teacher Education; State Dept. of Public Instruction; Nat'l. Association of Schools of Music; Nat'l. Catholic Education Association*	
Bethany College	Lindsborg	757	Coed	Lutheran	Kansas State Department of Public Instruction; Council for Social Work Ed.; Nat. Assoc. of Schools of Music; NCATE*	
Bethel College	North Newton	631	Coed	Mennonite	Kansas State Department of Public Instruction, AAUW; North Central Regional Association on Social Work Education*	
Emporia State University	Emporia	4,902	Coed	State	Fully Accredited by the North Central Accrediting Association and by various professional accrediting agencies.	
Fort Hays State University	Hays	4,575	Coed	State	State Dept. of Public Instr.; Kans. State Board of Nursing, Amer. Assn. of Colleges for Teacher Ed.; Nat'l. Assn. of Bus. Training Insts.; Nat'l. Council for Accred. of Teacher Ed.; Nat'l. Assn. of Schs. of Music; AAUW; North Cen. Regional Assn.; Council of Grad. Schs.; Nat'l. League for Nursing*	
Friends University	Wichita	751	Coed	Soc. of Friends	Nat'l. Council for Accred. of Teacher Education; Nat'l. Association of Schools of Music*	
Kansas Newman College	Wichita	493	Coed	Catholic	Ks. St. Bd. of Edu.	
Kansas State University	Manhattan	16,953	Coed	State	Kansas State Department of Public Instruction; National Catholic Educational Assoc.*	
Kansas Wesleyan	Salina	415	Coed	Methodist	Fully accredited by the North Central Accrediting Association and by various professional accrediting agencies.	
Marymount College of Kansas	Salina	800	Coed	Catholic	University Senate of the Methodist Church; AAUW; Kansas State Dept. of Education; North Central Regional Assn.*	
McPherson College	McPherson	500	Coed	Brethren	Nat'l. Council for Accred. of Teacher Education; Nat'l. League for Nursing, Nat'l. Assn. of Schools of Music*, Kan. St. Bd. of Edu.	
Mid-America Nazarene College	Olathe	1,043	Coed	Nazarene	Kansas State Department of Education; Kansas Assn. of Colleges and Universities; North Central Regional Assn.* Kan. St. Bd. of Edu.	
Ottawa University	Ottawa	545	Coed	Baptist	Kansas State Department of Education*	
Pittsburg State University	Pittsburg	4,578	Coed	State	Kansas State Dept. of Public Instr.; American Baptist University*	
Saint Mary College	Leavenworth	570	Women	Catholic	Nat'l. Council for Accred. of Teacher Education; Nat'l. Association of Schools of Music; Nat'l. University Extension Association; American Association of Colleges for Teacher Education; American Chemical Society; Nat. League for Nursing*	
Saint Mary of the Plains College	Dodge City	545	Coed	Catholic	Nat'l. Council for Accred. of Teacher Education; Nat'l. Association of Schools of Music; AAUW and Kans. State Dept. of Education*	
Southwestern College	Winfield	643	Coed	United Methodist	Kansas State Department of Public Instruction; Nat'l. Association of Schools of Music; Kans. St. Elem. & Sec. Teacher Ed. Programs.	
Sterling College	Sterling	562	Coed	Presbyterian	Kansas State Department of Public Instruction; American Association of University Women; Nat'l. Crediting Assoc. Teacher Education*	
Tabor College	Hillsboro	405	Coed	Mennonite Brethren	Nat'l. Association of Schools of Music; Kansas State Department of Public Instruction*	
University of Kansas	Lawrence	21,706	Coed	State	Professional Accred.; Arch.; Art; Business; Chem.; Engineering; Journalism; Law; Medical Tech.; Medicine; Music; Nursing; Occupational Therapy; Pharmacy; Physical Therapy; Psychology; Social Work; Speech Pathology and Audiology; Teacher Education; Radiation therapy, Respiratory therapy Med. record admin.	
Washburn University	Topeka	4,088	Coed	Municipal	Nat'l. Council for Accred. of Teacher Education; Association of American Law Schools; American Bar Association; American Association of Univ. Women; Nat'l. Ass'n. of Schools of Music*	
Wichita State University	Wichita	10,394	Coed	State	Nat'l. Council for Accred. of Teacher Education; Nat'l. Association of Schools of Music; Engineers; Council for Professional Development; American Chemical Society Committee for the Professional Training of Chemists*	

* Is accredited by North Central Association of Colleges and Secondary Schools

Information for the Academic Year Beginning Fall 1978

Tuition and Fees Academic Year*	Board and Room in Residence Halls Academic Year**	On Campus Housing Capacity	SCHOLARSHIPS		WRITE FOR INFORMATION TO
			No.	Average Amount	
\$2,215	\$1,260	800	539	\$624	Director of Admission, Baker University, Baldwin City, Kansas 66006.
2,420	1,530	1,000	275	1,000	Benedictine College, Director of Admissions, North Campus, Atchison, Kans. 66002.
2,193	1,435	635	240	450	Director of Admissions, Bethany College, Lindsborg 67456.
2,250	1,340	620	341	358	Office of Admissions, Bethel College, North Newton 67117.
540	1,430	1,506	650	310	Office of Admissions, Emporia State University, Emporia, Kansas 66801.
630	1,210-1,350 (includes 10, 15 or 20 meal plan)	1,767	630	350	Registrar and Director of Admissions, Fort Hays State University, Hays 67601.
2,100	1,150	188	385	550	Office of Admissions, Friends University, Wichita 67213.
2,040 for 30 hrs.	1,250	277	145	500 (per year)	Director of Admissions, Kansas Newman College, Wichita, Kansas 67213.
696	1,360	5,000	1,700	300	Dean of Admissions and Records, Kansas State University Manhattan 66506.
2,180	1,386	500	150	890 (per year)	Director of Admissions, Kansas Wesleyan, Salina 67401.
2,140	1,350	288	150	700	Admissions Director, Marymount College, Salina 67401.
2,400	1,360 (average)	430	Unrestricted number available.		Director of Admission, McPherson College, McPherson 67460.
1,584	1,320	820	390	400	Director of Admissions, Mid-America Nazarene College, Box 1776, Olathe, Kansas 66061.
2,495	1,320	768	550	650	Director of Admissions, Ottawa University, Ottawa 66067.
510.50	1,148-1,684	950	510	400	Office of Admissions, Pittsburg State University, Pittsburg 66762.
1,950	1,325	365	226	650	Director of Admissions, Saint Mary College, Leavenworth 66048.
2,070	1,300	420	185	300 renewable each semester	Director of Admissions, Saint Mary of the Plains College, Dodge City 67801.
2,075	1,234	565	560	450	Director of Admissions, Southwestern College, Winfield 67156.
2,275	1,175	545	200	800 (renewable for 4 yrs.)	Director of Admissions, Sterling College, Sterling 67579.
2,520	1,445	380	250	450	Director of Admissions, Tabor College, Hillsboro, Kansas. 67063.
710.20	1,300-1,355	5,200	2,037	443	Office of Admissions and Records, University of Kansas, Lawrence, Kansas 66045.
\$21 per hour plus \$2 per hour fee, plus \$10 activity fee	1,425	339	500	300	Registrar and Director of Admissions, Washburn University, Topeka 66621.
723	1,375	835	1,383	511	Director of Admissions, Wichita State Univ., Wichita 67208.

**Prices may vary because of different meal plans, kinds of rooms, and services available.

Imagine . . . having lunch with John Travolta . . . designing a wardrobe for Charlie's Angels . . . attending cocktail parties with rich and famous people like Cheryl Tiegs, Farrah Fawcett Majors, or Conna Sommers! Welcome to the illusive world of apparel design.

Unfortunately, these events are simply that, illusions, and must be confined to the imagination, as they have little to do with the day to day experience of the apparel designer.

Apparel design is a highly skilled field requiring more than talent and a flare for fashion. In becoming an apparel designer, the first step should be that of acquiring a basic knowledge of the garment industry. As future preparation, design students should develop skills in pattern making, draping, sketching, and clothing construction.

An apparel design program should also allow the student the opportunity to grow creatively, as well as help develop the ability to solve problems and respond intelligently to design situations. These basic skills may be obtained from technical schools, private institutes, colleges or universities,

The apparel designer

By Elaine Beckman
Instructor, Fashion Design
Kansas State University

depending upon each student's financial situation and educational goals.

Students graduating in apparel design rarely enter the garment industry as an employee of a name designer firm such as Calvin Klein, Diane Von Furstenberg, or even Bobbie Brooks or College Town.

A more realistic starting point would be a position as a sample cutter or an assistant designer in a moderate to lower priced, mass-production house.

As apparel design is a skill oriented field, experience is invaluable. Several years of experience and a good professional reputation are required before salaries will equal or exceed those other fields.

If glamour and high salary are not reasons for seeking a career in apparel design, then what reasons are there for choosing this field? Probably the greatest appeal the fashion industry has is that it is creative, fast-paced, and provides young people with an opportunity to go as far and as fast as their drive and ambition will carry them.

It is rewarding because of the direct relationship and involvement one has with the final product. It is extremely challenging in that one is involved with, and helps to create, the ever-changing concept of "fashion." Another plus, from a woman's perspective, is that apparel design is a field where women **can** and **do** hold top executive positions.

Contrary to popular belief, graduates in apparel design are not limited simply to jobs as "apparel designers," nor are they limited in geographic location to the coastal areas. For those students only interested in being a designer, coastal cities certainly have their advantages.

However, an apparel design degree may lead to other varied occupations such as: a position with a pattern company, fashion coordinator for a department or specialty store, a career in education, or even a position involving research and work with the handicapped or mentally ill.

As in other fields it is becoming increasingly more difficult to find job opportunities, but they **do** exist for those who have the drive to seek them, and in some cases, the imagination to create them. Employers are constantly seeking imaginative and ambitious young people who will be assets to the garment industry.

For those students interested in hard work, long hours, and delightfully creative experiences, welcome to the challenging and rewarding world of apparel design.

How About The Newspaper Business?

If you are thinking about following a business or professional career, why not spend an hour visiting with your home town editor and learn about the possibilities in journalism?

The newspaper business offers an opportunity for a most interesting and rewarding life for the young man or woman who has a broad educational background, a liking for people, courage, and a desire to have an active part in the American way of life.

A good newspaper man has the satisfaction of knowing that he is helping others to a better life. He remembers that "The People Have The Right to Know" and, that there is no better way to have a well informed Democracy than through the printed word.

Before you make up your mind on your life's work, please think seriously about journalism. Thousands have found it a most enjoyable and rewarding career. Maybe you?

The Journal-World

Lawrence, Kansas

"The HOME Newspaper for more than 20,000 Families"

**SAINT MARY
COLLEGE**
Leavenworth, Kansas

This Firm Proudly Recommends
SAINT MARY COLLEGE.

CHRISTY'S AUTO SALVAGE
Route 1

Going to college?

By Donald B. Ruthenberg
President
Associated Independent Colleges
of Kansas
Winfield

One of the major civilizing forces in our society is education. Higher education has the essential ingredient for the process of gathering knowledge about ourselves and our environment, and is the first step in understanding that if we don't all work together we are soon reduced to processes which are less than civilized.

It is the responsibility of colleges and universities to provide industry and government the students who will eventually become the leaders of tomorrow, the workers of our community development projects, and the operators of business, industry, and government.

But beyond that, there is a counterbalance which is offered by educational systems which allow peo-

ple to become basic responsible human beings, to develop their own individual and personal growth. One develops a set of values based on moral understanding, a self-assertion and self-confidence which come about by becoming aware of one's self in the makeup of social relationships. Education also develops a sense of community responsibility and ways in which one may carry out these responsibilities.

College should contribute to those goals for persons of all ages, and should point out ways in which individuals can discover themselves and, with groups of students

of their age, can learn what options are available for them once they become educated. An educated America has always been the point of institutions of post-secondary nature, and this would include those of a vocational-technical as well as liberal arts interest.

The true measure of a civilized population comes in its ability to recognize the cultural advantages of

(Continued on page 34)

McPherson College 
DISCOVER THE WORLD WITHIN YOU

Agriculture Education
Industrial Arts Biology
Home Economics
and many other fields

For information, write:
Joe R. Johnston, Director of Admissions,
McPherson College
McPherson, Kansas 67460

NATIONAL COOPERATIVE REFINERY ASSOCIATION	Exploration Production Purchasing Pipelining Refining Distribution
McPherson, Kansas	Fuels for the Farms of Mid-America

The W-R Milling Company

McPherson, Kansas



Agricultural dual degree
Vocational Home Economics
Multi-direction in Business
Administration

SOUTHWESTERN COLLEGE
Office of Admissions
WINFIELD, KANSAS 67156
316-221-4150

First National Bank

Full
Service
Bank

Member of F.D.I.C.

Winfield, Kansas



BETHEL COLLEGE

A private liberal arts college

Programs include:

Agriculture and
International Development
Environmental Studies
Health Fields
Home Economics
Industrial Arts
Social Work

To learn more, write for "The Bethel Pattern," which gives a visual and descriptive view of programs and life at Bethel.

Office of Admissions
Bethel College
North Newton, Kansas 67117
Telephone 316-283-2500

See Listing Page 20

Student Banking Partner of Bethel College

24-Hour Banking
The Midland Express



RIGHT IN THE MIDDLE OF TOMORROW | **MIDLAND NATIONAL BANK**
527 MAIN STREET
NEWTON, KANSAS 67114

Health careers—"fascinating and demanding"

By Randy Russell
University of Kansas

Though we'll probably never see the return of the horse-and-buggy doctor, a career in health in Kansas doesn't necessarily mean a move to the big city. In fact, Kansas has always emphasized the importance of up-to-date rural health services.

If you decide to work in the health field, you'll build your career in one of three major areas — medicine, nursing, or allied health services. All require dedication and some special training, from a few months to several years of study beyond a baccalaureate degree.

Medicine

About 95 percent of students studying to be doctors at the University of Kansas come from within the state, according to Dr. James Lowman, Dean of the KU School of Medicine at Kansas City.

Becoming an M.D. requires a lot of hard work and dedication. "A student must really want to be a physician and have a major interest

in helping other people," Dr. Lowman points out.

How do you know if you would enjoy being a doctor? "Take an opportunity, in high school if possible, to sit down with a physician and ask him what it's all about," Dr. Lowman suggests.

Dr. Lowman also advises that you "work a summer with patients." Many high school students test their desire to be physicians by doing volunteer work at a nearby hospital, rest home, Red Cross center or other health service centers where volunteers are always needed.

The cost of an M.D. degree is not slight. However, a new state scholarship program alleviates most, if not all, of the financial burden for any student admitted to medical school in Kansas.

If a student agrees to practice in Kansas upon graduation, he or she qualifies to have all tuition paid by the state on the basis of a year's tuition for a year of service. Even better, when a student agrees to practice in an "underserved" area

in Kansas, he or she receives a \$500 monthly stipend while attending medical school in addition to the payment of tuition.

Another program, called Mediserve, sponsored by the Kansas Medical Society and the Kansas Farm Bureau, advises medical students from predominantly rural areas about medical school admission and assists a number of students during the admissions process and later provides financial support for those who are admitted to the KU School of Medicine.

The American Medical Association reports the average taxable income for doctors is \$55,000 yearly.

Dentistry

The practice of dentistry is another challenging health career for young men and women. Dr. Bettie Dale, premedical and pre dental adviser at Kansas State University, states, "The best opportunities for admission to dental school for Kansas residents are at the University of Missouri Kansas City School of Dentistry and at Creighton University's Boyle School of Den-

CAREER OPPORTUNITIES UNLIMITED

The variety of careers in health offers rich scope for the inquiring mind, as well as the excitement and gratification of helping advance man's progress in dealing with himself and his environment.

In spite of the growing number of persons in the health professions, the supply has not kept pace with the demand for services. The opportunities are truly unlimited! Whatever your choice—medicine, dentistry, nursing, public health, pharmacy, medical technology, medical assistance, biophysics, biochemistry, bacteriology, to mention only a few—*your* prospects will be what you make them, determined by *your* interest and capacity, *your* training, *your* decisions, *your* work.

The Kansas Medical Society and the Kansas Farm Bureau have a joint program, *Mediserve*, designed to identify and assist Kansas students gain admission to the medical school. The intent of this program was to assure that Kansas-trained medical students will remain to practice in this state. For further information, please contact: Ms. Mary Wiersma, Kansas Farm Bureau, 2321 Anderson Street, Manhattan, Kansas 66502. Telephone: 913-537-2261.

The Kansas Medical Society

1300 Topeka

Topeka, Kansas 66612



Two first-year medical students at the University of Kansas College of Health and Science work in the biochemistry lab.

tal Science which is located in Omaha, Nebraska. Annually, 35 spaces are reserved at the University of Missouri and 10 at Creighton University for Kansas residents."

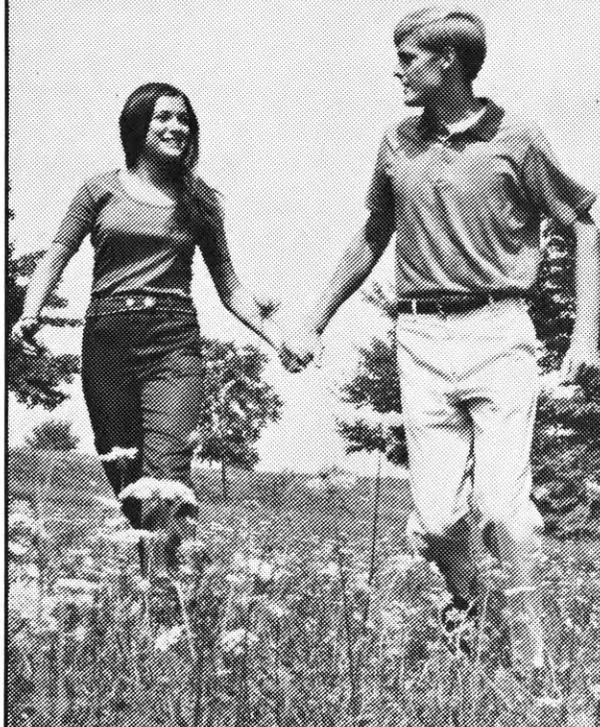
Nursing

"Nurses are particularly needed in the midwest," Carol Thies, assistant director for Recruitment and Placement of Nursing Services at KU Medical Center, said.

Nursing, like the practice of medicine, requires dedication and a sincere desire to help and work with people. "Much of nursing is interaction with people," Jean Watson, Ph.D., assistant dean of the School of Nursing at KU Medical Center, said.

"It differs from what you see on
(Continued on page 26)

We choose to live in Kansas



Farm Bureau Insurance is a Kansas company all the way, providing all kinds of insurance for all kinds of Kansans. This is our home. Our only territory. And we appreciate it more every day.

Where the air is clean and sweet.
Where people take the time to smile
When they chance to meet.

We choose to live in Kansas. . .
Where there's space in which to grow.

And the seasons change, and rearrange,
With sun and rain and snow.

We choose to live in Kansas. . .
'Cause there's a spirit here
Of people helping people;
Being close and staying near.



We're proud to be a part of the community and have the opportunity to serve you.

Farm Bureau Mutual • Kansas Farm Life
KFB Insurance Company



A nursing student faces the other side of a blood sampling.

Nursing

(Continued from page 25)

television," Dr. Watson added.

If you are interested in nursing it is valuable to get some kind of health related experience while in high school. Being a nurse's aide or a

volunteer in a health care institution will help you decide if you'll enjoy the demands of nursing.

There are four basic ways to become a nurse in Kansas. You can attend a practical school of nursing for about a year to become a Licensed Practical Nurse (L.P.N.) or prepare through three different levels of programs to take State Nursing Board examinations to become a Registered Nurse (R.N.).

L.P.N.'s start out at about \$8,000 yearly and are in demand in Kansas. "There just aren't enough produced," Thies said. "The L.P.N. is

a valuable person in our institution."

R. N.'s can expect more pay, generally earning about \$12,000 their first year, but the preparation is more extensive. Programs available in Kansas include two-year associate degrees, three-year hospital diplomas, and Bachelor of Science in Nursing four-year programs. All are required to pass board examinations administered by the state.

There are 11 two-year programs in the state with nine of them located in junior colleges, four hospi-

(Continued on page 35)

<p>KANSAS WESLEYAN: A LIFELONG EXPERIENCE Salina, Kansas</p>	<p>These Firms Proudly Recommend Kansas Wesleyan University and Marymount College.</p> <p>Consolidated Printing & Stationery Co. 113 N. Santa Fe Ave.</p> <p>Sellers Tractor Co. of Salina, Inc. Chicago & 81 Overpass</p> <p style="text-align: center;">DOWNTOWN SALINA Stiefels A KLINE'S STORE</p>
<p>Marymount College Salina, Kansas 67401</p>	

F H S U

means Fort Hays State University and it stands for education. If you are seeking a quality education and like quiet, unpolluted atmosphere, then Fort Hays State University is for you. Write the Office of University Relations, Hays, Kansas 67601, for more information.

Producers Gas Equities, Inc.

HAYS, KANSAS
Serving the Oil Industry
in Western Kansas

This Firm Proudly Recommends Fort Hays State University.
State Farm Insurance Co.—Ed Dies
Phone 625-9041 2204 Vine St. Box 212
Hays, Kansas 67601

I pledge
my head to clearer thinking
my heart to greater loyalty
my hands to larger service
my health to better living
for my club, my community, my country, and my world.

ARE YOU SERIOUS?

The World needs people who are serious about helping and caring.
480 million people are going hungry every day.
Starvation is a growing reality.
Food demand exceeds supply.
Tomorrow's world food crisis requires new action today.

The World needs people who are trained to help.
Vocational agriculture teachers in developing countries.
Food scientists
Dietitians

We're serious when we say we care and want to help.
That's why we offer dual degree programs in agriculture/biology and home economics/sociology.

For more information, please send coupon to Tabor College, Hillsboro, Kansas 67063.

Name _____

Address _____

City _____

State _____ Zip _____

Telephone () _____

Yr. hi. sch. grad. _____

We'd like to send you information about the dual degree programs and the college in general.
Please write.

TABOR COLLEGE
HILLSBORO, KANSAS 67063

By Marcia Longberg
Kansas State University

Breathes there a 4-H member with
soul so dead,

Who never to himself hath said,*
"I'd like a career where the de-
mand for trained college graduates far
exceeds the supply, a career where
the financial rewards are greater
than average, and a curriculum
where one of every four students has
a scholarship"

If you have made that statement,
then you can find training that offers
these advantages in a unique prog-

Grain science careers

ram at Kansas State University in
Manhattan; it's the only university
program in the world where you can
earn degrees in feed, milling, or
bakery science.

Young people trained in these
areas move into positions in the

mammoth feed, milling, and baking
industries immediately upon gradu-
ation.

The baking industry is one of the
10 largest industries in the U.S.
today, and the feed and milling in-
dustries both rank among the 20
largest.

Job opportunities in these fields
are plentiful in just about any geo-
graphical area, small town or large
city. For instance, in Kansas alone
there are more than 600 feed mills.

Students in each curriculum in
grain science decide at the begin-
ning of their sophomore year to
specialize in one of three options —
administration, operations, or
chemistry.

The administration option
graduate may find himself working
as a salesman, a marketing director,
a commodities buyer, or a financial
officer. The graduate who chose the
operations option may become a
plant engineer, plant manager, pro-
duction superintendent, or mill
superintendent. The chemistry op-
tion graduate may work in quality
control, new product development,
research or nutrition.

Scholarships

Because of the strong demand for
college-trained individuals in these
fields, many companies provide
scholarships for undergraduates in
their area. As a result, K-State's
Department of Grain Science and
Industry has some \$61,000 in schol-
arships available. This means that
today one of every four students in
the feed, baking, and milling sci-
ence curriculums hold a scholarship.
The awards range from \$250 to
\$2,500 yearly — and are not all de-
pendent on financial need.

Feed science curriculum

Today's feed industry requires
(Continued on page 28)



Discover what learning, living and loving are like at
Kansas State University.

Just return the attached coupon for a copy of the KSU
Student Catalog. It can help you decide if K-State is right for
you, how to apply for admission and what to do when you
get here.

Discover K-State, and maybe ... discover yourself.

Dean of Admissions & Records
Kansas State University
Manhattan, Kansas 66506

Let me discover K-State. Please send me the KSU Student
Catalog.

Name _____

Address _____

City _____ State _____ Zip _____

For additional information about Manhattan contact:

Manhattan Chamber of Commerce
Box 988, 505 Poyntz
Manhattan, KS 66502
Phone: 913-776-8829

Paid for by Manhattan Chamber of Commerce University Affairs Committee

*Apologies to Sir Walter Scott, "Lay of the
Last Minstrel."

Collingwood
GRAIN INC.

Serving Kansas
Since 1890
Country Elevators
and Terminals

Discover K-State

(Continued from page 27)

individuals trained in engineering, biology, business administration, animal and poultry science, nutrition, chemistry, and other related areas. It is an industry that provides the individual with a chance to stay in tune with agriculture, although he may not be a farmer.

The feed science and management curriculum is based upon a solid foundation in science and mathematics. It is designed to train students in the fundamentals needed for work in a scientific field, and provides a sound basis for their continued progress in the field.

At the same time, the student has an opportunity to apply the theory he has learned in a unique laboratory — a complete, modern feed mill designed for teaching students about all aspects of feed production.

In some feed science courses the student also utilizes equipment available outside the department. For example, all students gain experience in feed formulation using the university computer to develop least-cost rations.

Baking science curriculum

For more than 7,000 years man

has depended on bread products as a staple food in his diet. The art and craft of baking has passed largely from the home into a multi-billion-dollar industry that is highly scientific and mechanized. That revolution has created a need for professionals in this area.

The baking science and management curriculum is based upon a solid foundation of nutrition and other sciences. It is designed to train students in the fundamentals needed for work in a giant industry that distributes more than \$20 billion worth of baked goods annually.

Along with courses in chemistry, microbiology, and their selected option, the baking science major takes courses in baking technology and has an opportunity to apply the theoretical information he gains in the university's pilot and bench-scale bakeries.

Milling science and management curriculum

Grain terminals, flour milling companies, manufacturing companies selling mill products and supplies, and research laboratories are just a few employers offering career opportunities for individuals who enter the milling industry.

The milling science curriculum is based on a solid foundation of mathematics and science. A degree in milling science requires complete university training in milling, plus engineering, the humanities, and all of the basic sciences. Along with theory, students enrolled in this curriculum take advantage of actual mill production by working with the university's pilot flour mill and its experimental mill.

Trained personnel find excellent job opportunities in this field where new technology is developed and applied to the products entering the giant food industry.

Finally

Grain science — now that you know what it is, why not learn more about it. If you would like additional information on grain science in general, or on any specific curriculum, please write to: Dr. Charles W. Deyoe, Professor and Head, Department of Grain Science and Industry, KSU, Manhattan, Kansas 66506. Or, even better, why not write ahead and plan a visit, talk to the professors and students, and tour the department. The feed, baking, or milling industries may have just the job for you.

AGRICULTURE -agri-business -agri-power & machinery -farm business mgt.	BUSINESS -secretarial science -retail sales -retail mgt.
HEALTH -medical records -medical office ass't. -radiology	TECHNICAL EDUCATION H.C.C.
INDUSTRY -electricity -drafting -electronics	LAW ENFORCEMENT -corrections -police science
-machine tools -manufacturing -building construction	
For information send to: HCC ADMISSIONS DIRECTOR 1300 North Plum Hutchinson, Ks. 67501	
Name _____ Address _____ City _____ State _____ Zip _____	
HUTCHINSON COMMUNITY COLLEGE	

ATTEND THE WESTERN FARM SHOW



February
26-27-28
9 a.m. - 5 p.m.

**American Royal
Exposition Building
Kansas City, Mo.**



FREE Admission

Parking - \$1.50
PER CAR



LARGEST INDOOR FARM MACHINERY
SHOW IN THE MIDDLE WEST



Tractor Pulls
Every Night

Special Free Entertainment
For the Ladies



ASSOCIATION

An alternative career choice: Entrepreneurship

By Ron Christy
Wichita State University

During this critical time of career selection you may have said to yourself, "I'm not really interested in working for a large corporate enterprise and I'm especially not interested in constantly taking orders from someone else." If you have ever had the above thoughts, the fresh alternative of striking out on your own and creating your own business venture may sound attractive. It is this process of starting a new business enterprise with your own risk capital that we define as entrepreneurship.

There are an estimated 11 million businesses in the United States alone, of which approximately 95 percent are considered to be small. What drive causes more than 10 million Americans to venture their own risk capital to start their own business?

The American Enterprise System, as one of its strengths, provides an environmental structure in which any citizen has the opportu-

ity to achieve success at any chosen endeavor. Creation of a new business venture is often selected as such an economic endeavor. Additionally, it allows individuals to display their own creativity and personal expression.

Another important reason is captured in the cliché, "I want to do my own thing." Many people simply get bored and tired of working for a large company, or tired of taking orders from someone all the time, or want the opportunity of showing the world what they can achieve on their own. Without question, many of our greatest breakthroughs and inventions have emanated from entrepreneurs.

Just as important as the above is the possible economic reward in owning your own business. Business owners not only receive compensation through salaries, as they would receive by working for someone else, but also may achieve profits over and above their salary. This double shot of economic return can produce more compensation

than most ever thought possible working for a larger company.

You may now be saying to yourself, "Entrepreneurship is definitely for me," but **Beware!** One of the most startling statistics concerning new ventures is that approximately 80 percent of all new businesses fail in their first five years of existence. Obviously the odds are against your success. Why is the success rate so low?

In today's environment of huge government, huge business, and huge labor, the probabilities of small business success have been considerably reduced. Studies have shown the two most predominant reasons for business failure are inexperience and incompetence. Both of these reasons for failure can be significantly reduced with effective education.

Traditionally the entrepreneur has been turned off by the educational system. In the past, a primary reason for the entrepreneur's lack of interest in higher education was

(Continued on page 30)

**YOU
CAN
DO IT!**

Your Kansas Bank offers a full range of career opportunities. You can choose fulfilling jobs of working with depositors or you can work behind the scenes. Early advancement to positions of responsibility is available in many banks.

at your



Entrepreneurship

(Continued from page 29)

due to the universities' concentrated efforts in building curricula which prepares students to assume positions with large corporations. University emphasis has not been to prepare students interested in starting and managing small businesses. In spite of a limited number of university offerings, the potential creator of a new business must be armed with the knowledge and tools necessary to effectively compete in an increasingly complex world. Short of actually starting a new business, universities appear to be the most logical place to acquire the knowledge and tools. Armed with education, it is expected the probability of entrepreneurial success will be greatly enhanced.

Enhance change for success

Where can you gain the entrepreneurial education? In a reversal of past trends, a recent study indicated a burgeoning number of universities becoming involved in entrep-

reneurship with varying levels of commitment. One school is located right here in Kansas, at Wichita State University in Wichita. This particular program, started by F. D. Jabara, distinguished professor in business, is housed in the Center for Entrepreneurship and Small Business Management in the College of Business Administration. The center's activities diversely involve the teaching of courses, conducting of seminars, building a library, and the creation of films. The center offers a special summer course entitled "Your Future in Business" dealing in the subjects of the American enterprise system, starting your own business, and managing a small business. For more information contact the Center for Entrepreneurship and Small Business Management, College of Business Administration, Wichita State University, Box 48, Wichita, KS 67208, or call (316) 689-3200.

In conclusion, starting your own business involves considerable time and risk but, if successful, offers

one of the most rewarding experiences you'll ever have.

Game protector

(Continued from page 17)

job is changing. That small plane you see circling the countryside on a fall evening may be a lost traveler searching for a landmark — or it could be a game protector on the lookout for deer poachers.

Suspicious lights off the main roads stand out to the airborne observer. Once the G.P. spots a potential violator and figures his location, he radios to waiting ground units who close in for the arrest. Night flying has proven so effective against poaching that the Law Enforcement Division intends to take to the air more and more in the future.

And that strange tug on the end of the line the last time you went fishing: Was that a trophy walleye, or a Fish and Game officer in a minibus checking to see if your tackle was legal? Actually, conservation law enforcement hasn't come to that yet, but the game protector does utilize the latest equipment and methods to catch lawbreakers.

Pay is modest — \$847 monthly starting wage, with a top end of \$1,066. Along with the long hours and an irregular work week, this adds up to a demanding job for any man — or woman. Last year Valerie Hayworth joined Fish and Game as the first female G.P. in Kansas.

Currently the game protector job is one of the most sought-after positions in the state system. For an applicant who passes the entrance examination, his (or her) next hurdle is a rigorous 10-week course at the Law Enforcement Training Center in Hutchinson. These concentrated 400 hours of classroom study cover the intricate legal aspects of the job.

You don't need to go to college to become a game protector; but it

(Continued on page 34)

More money for post-high school education comes from family income and savings than from any other source. Be prepared; early in life start a savings account at your

Kansas Savings and Loan

Arkansas City

First Federal Savings and Loan Assn.

Clay Center

Northwestern Federal Savings and Loan Assn.

El Dorado

Mid-Continent Federal Savings and Loan Assn.

Eureka

Eureka Federal Savings & Loan Assn.

Fort Scott

Liberty Savings and Loan Assn.

Garnett

The Garnett Savings and Loan Assn.

Hutchinson

Valley Federal Saving & Loan Assn.

Leavenworth

Citizens' Mutual Savings and Loan Assn.
Leavenworth Mutual Savings and Loan Assn.

Liberal

Frontier Federal Savings and Loan Assn.

Lyons

Lyons Savings and Loan Assn.

Manhattan

Manhattan Federal Savings and Loan Assn.

McPherson

Pioneer Savings and Loan Assn.

Medicine Lodge

The Barber County Savings and Loan Assn.

Ottawa

Franklin Savings Assn.

Parsons

Mid-American Federal Savings and Loan Assn.

Plainville and Stockton

Rooks County Savings Assn.

INSURED SAFE





PEPSI

**HAVE A
PEPSI DAY**

**KANSAS PEPSI-COLA
BOTTLERS ASSOCIATION**

**WASHBURN UNIVERSITY CONGRATULATES
ALL KANSAS 4-H MEMBERS!**



**LET'S GO
WITH THE
ICHABODS**

**QUALITY EDUCATION IN A BEAUTIFUL
SETTING**

College of Arts and Sciences
School of Law
School of Business
Nursing Program
Graduate Program
Evening College
Summer Session

**WASHBURN UNIVERSITY
1700 College
Topeka, Kansas 66621**

**The Program of
the Year isn't on
TV.
It's in the Air Force
ROTC.**

Find out about the two- and four-year Air Force ROTC programs today. They both get you an Air Force commission, an excellent starting salary, challenging work, responsibility, promotions, and a secure future with a modern service.

Air Force ROTC also prepares you for leadership positions ahead. Positions such as aircrew member . . . missile launch officers . . . mathematicians . . . engineers . . . and research and development scientists.

Find out today about the benefits of the Air Force ROTC program. It's a great way to serve your country and to help pay for your college education.

**Air Force ROTC is available
at these three great
Kansas Universities:**

Kansas University, AFROTC Det. 280
Lawrence, 66045
Capt. John Macke, Ph. 913-864-4676

Kansas State University, AFROTC Det. 270
Manhattan, 66506
Major Leon Grenier, Ph. 913-523-6600

Washburn University, AFROTC Det. 285
Topeka, 66621
Major Raymond Noches, Ph. 913-295-6305

Or Call
Kansas Admissions Counselor
Capt. Bill Davis, Ph. 913-295-6311

**Air Force ROTC
Gateway to a Great Way of Life**

Name _____

Address _____ Phone _____

City _____ State _____ Zip _____

- I am interested. Please send more information.
 I would like to discuss AFROTC with an AFROTC representative before committing myself.

Send coupon to your choice of schools above.

Is forestry the career for me?

By John Strickler
Associate State Extension Forester
Manhattan

"I really enjoy hunting and fishing, and I've been wondering if forestry wouldn't be a good career for me." This statement is typical of many we hear from young people who are considering forestry as a possible career. I believe I can say without reservation that forestry is one of the most appealing, and yet also one of the most misunderstood career fields.

Forestry can be defined as the scientific management of forests and forest lands for continuous production of goods and services. Work in this field falls in both the professional and non-professional categories.

Professional foresters plan and supervise the management of forest areas. Professional work requires a minimum of four years of college work leading to a bachelor's degree in forestry. For those not interested in attaining the educational background necessary to meet professional status, there can be work in the non-professional areas of fores-

try. Non-professional forest workers usually work under the general supervision of professional foresters.

Why did I say originally that forestry is a frequently misunderstood field? Studies have shown that forestry tends to attract students who tend to relate better to "things" than to "people." This goes with the image of the forester working alone in the forest, and not having to deal with people to any large extent. Yet, ever increasingly, the success of a professional forester depends on his or her ability to deal effectively with people—not only in a supervisory, but also in a public relations and communications capacity. The qualities that would make a forester successful are the same that would make an engineer, or any other scientific professional, successful.

Students interested in forestry as a career should get as broad a general background in high school as possible. Professional forestry schools require courses in mathematics, chemistry, physics, botany, geology, zoology, as well as in the specialized areas of forestry.

Since communication is important, courses in English composition and oral communications are extremely important.

The employment picture for forestry graduates is not overly bright, but improving. The largest single class of employer of foresters is private industry, closely followed by the U.S. Forest Service. The economic outlook for the forest products industry is favorable with growing demands for all products and services from forest lands. In 1977, a survey of forestry graduates indicated that 58 percent found forestry related jobs—an improvement from 1976 and 1975.

Should a student consider forestry as a possible career field?

Forestry is not a career that young people should select because they don't know what else they want to do, and forestry sounds kind of fun and romantic. On the other hand, I believe there will always be opportunities for the individual who is really committed to forestry as a career and is willing to work hard at it, both as a student and as a professional. Forestry is not an easy curriculum, and the good students are the ones most likely to find employment in the field.

(Continued on page 34)

**B
C
C
C**

Programs:

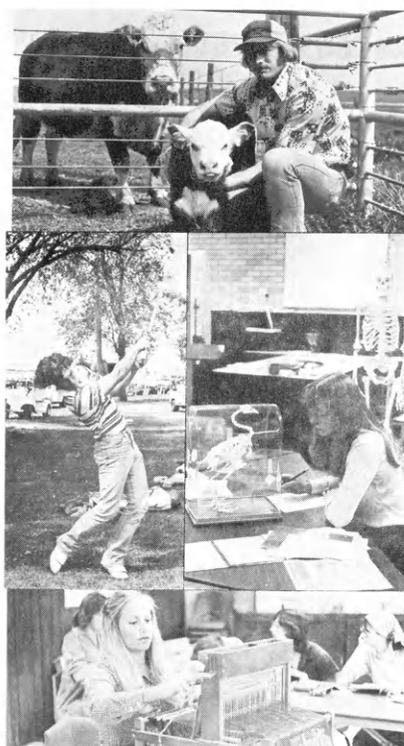
The opportunity to study science, music, history, art, English, physical education, or any academic courses necessary to transfer to a program of your choice is available at BCCC. In addition to transfer programs, excellent one and two-year programs including Farm and Ranch Management, Veterinary Office Assistant, Solar Technology, Legal Assistant, Diesel Mechanics, Occupational Therapy Assistant, Medical Lab Technician, Home Furnishings and others are available.

Activities:

Collegiate 4-H and a livestock judging team are included among the activities on campus. Intramurals and collegiate sports provide competition for the athletic minded individuals. The Student Senate continually plans new activities each semester.

More Information:

Plan a visit to our campus. Write or call: Office of Admissions, Barton County Community College, Great Bend, Kansas 67530, (316) 792-2701.



Barton County Community College

Great Bend, Kansas 67530

(316) 792-2701

The Magnificent Seven

Kansas has the lucky seven combination of schools which offer uncompromising education at a surprisingly low cost. One of the seven regents' schools is near you. At least one of them has the kind of specialty program that interests you. All of them are friendly, helpful, and dedicated to fulfilling your educational goal.

Call or write for further information from each school.

EMPORIA STATE UNIVERSITY

Director of Admissions
Emporia, Kansas 66801
316-343-1200

FORT HAYS STATE UNIVERSITY

Director of Admissions
Hays, Kansas 67601
913-628-4222

KANSAS STATE UNIVERSITY

Director of Admissions
Manhattan, Kansas 66506
1-800-432-8270 toll-free (Kansas only)
913-532-6250

KANSAS TECHNICAL INSTITUTE

Director of Admissions
Salina, Kansas 67401
913-825-0275

PITTSBURG STATE UNIVERSITY

Director of Admissions
Pittsburg, Kansas 66762
316-231-7000

UNIVERSITY OF KANSAS

Director of Admissions
Lawrence, Kansas 66045
913-864-4422

WICHITA STATE UNIVERSITY

Director of Admissions
Wichita, Kansas 67208
316-689-3085

Going to college

(Continued from page 23)

learning experience in and of itself and the ways in which it allows persons to become free to think and evaluate and develop into mature human beings. A society is only as strong as those objective elements of its educational experience demonstrate, and a strong educational system in America is the safeguard toward which we all point to maintain the best options available for the people of this great country.

It is in the educational institution that one finds the opportunity to test new theories, to expand personal horizons, and to develop international understandings both in a geopolitical sense and in the sense of religious and ongoing human values.

It is significant that the 4-H motto ties together the very definite areas of education and emotional understanding so that they can combine to lead to community support and service.

Game protector

(Continued from page 30)

may become necessary in the fu-

ture, as the Fish and Game Commission has drawn up a proposal which would make a four-year degree in wildlife-related studies a requirement for application.

If you think you might be cut out for this line of work, the best way to find out is to talk to an informed source — your local G.P. Along with passing on some good hunting and fishing stories, he'll give you a feel for the ins and outs of his unique occupation.

Forestry (Continued from page 32)

To obtain a forestry degree, Kansas students will need to attend an out-of-state forestry school such as the University of Missouri or Colorado State University. Kansas does not have a four-year forestry school, but Kansas State University does have a two-year pre-forestry curriculum. Students can attend Kansas State University for one or two years in this curriculum and then transfer to one of the four-year forestry schools with a reasonable expectation of completing a degree within the normal time period.

If you are considering forestry as a career, find out as much as possi-

ble about it before making a decision. For the right individual, it can be a promising and rewarding career.

CASH FOR NEWSPAPERS

\$25 per ton

Large Quantities picked up when our truck is in your area. Approximately 10 ton or more

Thermal Shield, Inc.

1001 North Kauffman Road
Hesston, Kansas 67062
Call 316/327-2131

Money For Your Treasury

OVER 2 MILLION

Sunflower Dishcloths



WERE SOLD LAST YEAR BY MEMBERS OF GROUPS, SOCIETIES, CLUBS, ETC.

THEY ENABLE YOU TO EARN MONEY FOR YOUR TREASURY AND MAKE FRIENDS FOR YOUR ORGANIZATION

Sample FREE to Official.

SANGAMON MILLS, INC., Cohoes, N. Y. 12047
KJ Established 1915

FREE 

KANSAS NEWMAN COLLEGE

3100 McCormick Ave./Wichita, Kansas 67213/(316) 942-4291

- General information on 4-yr. & 2-yr. courses of study on this modern 51-acre campus.
- Financial aids data, including Kansas Tuition Grants (providing quality education at a small private college is affordable.)
- Reservation for interview on campus.
- Personal phone call from a student. (Hear it like it is at KNC!)

Name _____
Address _____
Phone _____

OTTAWA UNIVERSITY

Ottawa, Kansas

See Listing Page 24

FRANKLIN SAVINGS ASSOCIATION

700 South Main Street

Serving This Area Since 1889



sterling college

Sterling, Kansas 67579

Sterling College can prepare you for Youth Leadership. This preparation can lead to positions with 4-H, Boy Scouts, Girl Scouts, Young Life, Y.F.C., Intersarsity Fellowship and many other organizations. Your future could be changed by preparing yourself now for service tomorrow.

(Please send me info. on SC)
Director of Admissions
STERLING COLLEGE
STERLING, KS. 67579

Name _____
Address _____
City _____ State _____ Zip _____

You Are
Always Welcome
in Sterling

**THE FARMERS
STATE BANK**
STERLING, KANSAS



SERVING THE
LAND OF QUIVIRA

DEPOSITS INSURED BY F.D.I.C.

BAKER UNIVERSITY

recognized quality for
over one-hundred years

Incorporated in 1858

Write: Baker University,
Baldwin City, Kansas 66006

BALDWIN STATE BANK

Capital \$1,100,000

Member F.D.I.C.

Baldwin City, Kansas

Phone 594-6421

Nursing (Continued from page 26)

tal diploma programs, and seven bachelor of science in nursing four-year programs. The latter are located at Washburn University, Topeka; Kansas University, University of Kansas Medical Center; Pittsburg State University, Pittsburg; Marymount College, Salina; St. Mary of the Plains, (Wichita) Dodge City; Ft. Hays State University, Hays; and Wichita State University, Wichita.

"There is an extreme need for nurses in western Kansas," Thies said. "The chances for a small-community nurse to advance are tremendous."

Allied health

Training in allied health at the University of Kansas College of Health and Science includes preparation for careers as: audiologists, biometricians, cytotechnologists, dietitians, educators of the deaf, emergency medical technicians, emergency mobile intensive care technicians (paramedics), health sciences educators, histotechnologists, medical record administrators, medical technologists, music therapists, nuclear medicine technologists, nurse anesthetists, occupational therapists, radiation therapy technologists, radiological engineers and technologists, respiratory therapists, speech and hearing scientists, speech pathologists, ultrasound technologists, and others.

The training varies from a few months to several years — depending on the program and degree of specialization. The pay also varies widely, generally from about \$8,000 to \$20,000 annually, though more is possible for those in private practice.

If you are interested in a particular allied health career, or in several, more detailed information can

be obtained by writing to Ronald Harper, Dean of Allied Health, University of Kansas Medical Center, 39th and Rainbow Blvd., Kansas City, Kansas, 66103., or College of Health Professions, Box 43, Wichita State University, Wichita, Kansas 67208.

"Generally, employment in health related jobs is very good, especially in Kansas," Dr. Harper said.

As with medicine and nursing, a high school student should fully investigate his aptitude for an allied health career by gaining some experience in a health care facility.

Health careers are fascinating and demanding. Besides the programs available at the KU College of Health Sciences in Kansas City, training in nursing and allied health fields is available at other Regents' institutions, at some of the community colleges, and at vocational-technical schools. (See pages 6-7.) Kansas provides not only the best training, but a solid job market in communities all across the state.

Occupational outlook

(Continued from page 10)

Operatives and craftsmen

The operative category will account for 62,500 job openings between 1978 and 1985, and over half of these jobs will stem from employment growth. Demand for welders, assemblers, and truck drivers will be responsible for at least two of every five openings in this category.

Craft occupations are also expected to provide many jobs as a result of employment expansion. More than half of the 54,000 job openings projected will stem from occupational growth. Construction crafts, such as carpenters and excavating machine operators and the mechanics, repairers, and installers group will each require over 12,000 workers to fill job openings that arise due to growth or replacement requirements.

Kansans can expect about 495,000 job openings to arise during the 1978-85 period. With careful preparation and career choice, the job seeker in Kansas will have a favorable employment outlook.

If you would like additional information regarding the occupational outlook for Kansas, you may contact Fred A. Rice, Chief, Research and Analysis Section, 401

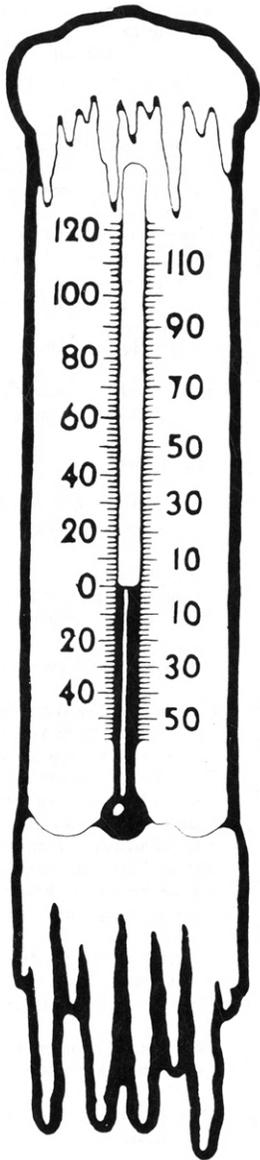
Topeka Avenue, Topeka, Kansas 66603.

Advertisers' Index

Academy of Hair Design, Salina10
 Adela Hale Business Career School,
 Hutchinson13
 Air Force ROTC, Lawrence,
 Manhattan, Topeka31
 Allen County Community Junior College, Iola . 8
 Barton County Community College,
 Great Bend32
 Baldwin Advertiser34
 Butler County Community College,
 El Dorado 2
 Capitol Federal Savings30
 Central College, McPherson13
 Cloud County Community College,
 Concordia 9
 Coffeyville Community College 9
 Colby Community College16
 Collingwood Grain, Hutchinson27
 Cowley County Community College,
 Arkansas City12
 Crum's Beauty College, Manhattan11
 Diversified Insulation, Wellsville35
 Dodge City Community College12
 Electric Cooperative of Kansas, Topeka36
 Farm Bureau Insurance, Manhattan25
 Fort Scott Community College 8
 Hays Advertisers26
 Highland Community Junior College10
 Hutchinson Community College28
 Journal-World, Lawrence22
 Kansas Area Vocational-Technical Schools ...6,7
 Kansas Army National Guard, Topeka17
 Kansas Bankers Association29
 Kansas City, Kansas Community College 8
 Kansas Federal Land Bank Association ...18, 19
 Kansas Medical Society, Topeka24
 Kansas School of Floral Design, Lawrence ...10
 Kansas Newman College, Wichita34
 Kansas Pepsi-Cola Bottlers Association31
 Kansas Savings and Loan Associations30
 Labette Community Junior College,
 Parsons 3
 Leavenworth Advertiser22
 Manhattan Chamber of Commerce27
 McPherson Advertisers23
 Neosho County Community College,
 Chanute12
 Newton Advertiser23
 Ottawa Advertiser34
 Regents' Schools: Emporia, Fort Hays,
 Manhattan, Salina, Pittsburg,
 Lawrence, Wichita33
 Salina Advertisers26
 Sangamon Mills, Cohoes, N.Y.34
 Southeast Kansas Area
 Vocational-Technical School, Coffeyville ... 8
 Sterling Advertiser34
 Tabor College, Hillsboro26
 Thermal Shield, Hesston34
 Washburn University, Topeka31
 Western Implement and Hardware
 Association, Kansas City, Missouri28
 Winfield Advertisers23

WE BUY NEWSPAPERS
 Must be clean & dry
 No magazines
Scales available at our plant
 Competitive pricing, with premium for amounts over
 7 tons. Will pick up large lots when trucks are
 available or will spot trailer for paper drive.
DIVERSIFIED INSULATION
Wellsville, Kansas 913-883-2112
 Open 8 A.M. to 5 P.M. Weekdays,
 8 A.M. to 12 Noon Sat.

U.S. POSTAGE
PAID
Permit 85
Non-Profit Organization
Lawrence, Kansas



Leaves aren't the only thing that fall this time of year . . .

That ole thermometer also takes a plunge when the cold wintry weather begins to sit in for several weeks. It's time to weatherize your home by checking out the insulation in the ceiling, wall and floor. Add more insulation if it's needed.

Caulk tightly around the windows and doors. Clean the filters on the furnace and make sure the motor has been properly lubricated. There are countless ways you can get your home winterized, many of the ways are just common sense. A trip to your local hardware store will give you several ideas, and many of the tools you will need to do the job.

And, you not only get the enjoyment of extra comfort...but you'll also enjoy knowing that you are doing your part to keep energy waste to a minimum.

Help Defeat Energy Waste

The Electric Cooperatives of Kansas are working with their consumer-members as we all use energy more efficiently.



The Electric Cooperatives
of Kansas