

## Professor says,

# Energy dictate should change dress

By CRAIG PIECHURA

Unless office dress codes are relaxed in light of President Jimmy Carter's standards for heating and cooling public buildings, worker productivity and quality will decline.

That's the conclusion of Joseph Olivieri, associate professor at Lawrence Institute of Technology who is a professional engineer specializing in heating, air conditioning and cooling design.

July 16 marked the beginning of a nine-month federally mandated program which prohibits cooling a room's temperature below 78 degrees Fahrenheit when it's warm outdoors

and heating a room above 65 degrees Fahrenheit when it's cool outside. Hot water heaters cannot exceed 105 F, under the federal standards.

Enforcement is expected to be voluntary but federal inspectors do have the right, under law, to impose criminal penalties of as much as \$10,000 a day and civil penalties of up to \$5,000 a day in the case of willful violation of federal law.

Olivieri cites a study done by the American Society of Heating, Refrigeration and Air Conditioning Engineers, of which he is a member, predicting possible discomfort if energy standards are followed without modifications in

dress and building design.

PEOPLE ARE comfortable in everyday attire at "comfort zone" temperatures between 73 to 78 F and a relative humidity of 20 to 60 percent, Olivieri said.

A woman wearing a polyester dress and a man wearing a business suit, without a vest, can be comfortable at 78 F if they aren't exerting themselves, he said.

"But every time you do more work, like a car you speed up a person and he feels more heat," Olivieri said. "A person working busily typing is going to be uncomfortable. At that work level, if you're satisfied at 78, the top of the comfort zone, you're going to need a drop in temperature of three degrees to be comfortable."

In addition, humidity from perspiration may rise above 80 percent in an office, making it doubly uncomfortable, he said.

Therefore, according to Olivieri, employers must allow women employees to wear light, summer dresses to work in the summer and allow male employees to wear working shorts,

broadweave shirts without T-shirts underneath, and lightweight shoes and socks or possibly sandals on the feet of the energy-conscious office worker.

"It's going to be like the English are portrayed in old Errol Flynn movies in

the tropics," said the professor. "Walking shorts will be accepted attire at the workplace."

In the winter, Olivieri suggested that employers install sheets of mylar or insulated drapes on windows if employees work near windows.

"If there is a large glass area in the workplace, the surface of the glass may be so cold that even though the thermostat says 65 degrees it will be at least two degrees cooler to the employee seated nearby," Olivieri said.

Discos and movie theaters are going to have trouble complying with the law, Olivieri predicted, because of the amount of heat people generate when they're dancing or being scared.

"If movie theaters have a good show that packs in a lot of people and the movie's a thriller they're going to have a problem keeping the heat right," Olivieri said.

"In a dance hall, by the way, a person dancing gives off three times the amount of heat a stationary person emits. What're they going to do at Italian and Polish weddings?" Olivieri joked.

Olivieri said he doubts whether Michigan's efforts at energy conservation will provide more fuel oil because most of the state's electricity is generated by coal or tarry, residual oil which cannot be made into gasoline or fuel oil.

## AFTER COLLEGE .... THEN WHAT?

### Chiropractic — A Career With a Future!!

- ✓ The U.S. Labor Dept. lists chiropractic as one of the outstanding career opportunities for the future.
- ✓ 25,000 additional chiropractors are needed in the U.S. immediately.
- ✓ Chiropractic services are included in Medicaid, Medicare, Workmen's Compensation, and almost all major medical insurance policies.
- ✓ Veterans Administration benefits, Federal loans and grants, and government-subsidized work-study jobs are available to chiropractic students.
- ✓ Millions of people are being helped to better health through chiropractic.
- ✓ Sherman College is one of the leading chiropractic colleges in the world.
- ✓ Sherman College has qualified men and women of all races, religions, and nationalities, and enrolls students from 35 states and 11 foreign countries.
- ✓ Sherman College offers a 4-year program leading to the degree of Doctor of Chiropractic. Admission requirements include 2 years of college.

### YOU ARE INVITED TO CAREER NIGHT

Tuesday, July 24, 1979 at 7:30 pm

A Sherman College Representative  
will present  
a program at the Tooma Chiropractic Clinic

28155 Southfield Road  
Lathrup Village  
539-2959

## Obituaries

### ROSE E. ROWE

Mrs. Rowe, 96, of Farmington, died in her home on July 19.

She had lived in Farmington for 17 years and was a member of St. Matthew's United Methodist Church.

Survivors include: daughter, Mrs. Grace Burns, of Livonia.

Services were conducted at R.G. & G.R. Harris Funeral Home on July 14 by Rev. William D. Rickard. Burial was in Evergreen Cemetery.

### THOMAS E. BELL

Mr. Bell, 78, of Redford Township,

died on July 15 in Botsford Hospital, Farmington Hills.

He had lived in Farmington for 25 years. He was retired from the Ford Motor Co.

Survivors include: wife, Ethel; daughters, Katherine Trowbridge, Tessie Kisselburg; son, Warner; sisters, Bula Rice, Debbie Lee Hamilton; brothers, Douglas, Lorenzo; 12 grandchildren, 10 great grandchildren.

Services were conducted on July 18 at Thayer-Rock Funeral Home in Farmington by Pastor Joe Hall of Forest Park Baptist Church. Burial was in Glen Eden Memorial Park.

## Now. Auto and home insurance from Metropolitan.



You've worked long and hard for your car and your house. Make sure you protect them. With Metropolitan Property and Liability Insurance.

It's as thoughtful and thorough as Metropolitan Life Insurance. Because it was written with the same simple goal: your peace of mind.

Metropolitan Homeowners Insurance. In the years to come, it should still be the right policy.

Many homeowners don't have all the coverage they need for their home and property.

For example, inflation often leaves homes underinsured.

Your Metropolitan representative has flexible plans that allow you to increase policy limits to keep pace with inflation. He can also discuss broader coverages to suit your individual needs.

These are some of the features that

ensure you'll always have the proper coverage. Metropolitan Auto Insurance. It lets you know exactly what your policy says.

We shouldn't be the only ones who can understand auto insurance policies. So we wrote our new policies in plain, straightforward English.

Now it's easy to see just how much insurance you're getting for your money. And we made it easier to provide efficient policyholder service and handle your claims with the most advanced computers in the business.

Talk to a Metropolitan representative soon.

Because now the 100-year-old company that insures over 40 million lives has a company that can handle many of your other personal insurance needs.

**Metropolitan**

LIFE, ACCIDENT, AUTO, HOMEOWNERS  
PROPERTY AND LIABILITY INSURANCE

## Vic Tanny 43rd Anniversary Special



## FINAL WEEK! 2 FOR 1

2 years for the price of the first year alone  
Join now and pay no enrollment fee!

Hurry...Offer expires July 31

**VIC TANNY BLOOMFIELD  
EXECUTIVE HEALTH & RACQUET CLUB**

6420 Telegraph Rd. at Maple Rd.

Men...Women call now 855-2300