

Free U registration ending

Registration for MSC Free University Shortcourses ends today at 5 p.m. Interested persons may register in Room 224 of the Memorial Student Center, at which time full payment is due. For more information, call 845-1515 or go by the MSC Free U cubicle in 216 MSC.

MSC FREE UNIVERSITY SHORTCOURSE SCHEDULE

COURSE	TIME	FEE	COURSE LENGTH	INSTRUCTOR
MONDAY				
Bartending	6:00-7:00	\$8.00	4 weeks	Tommy Ruddock
Bartending	7:00-8:00	\$8.00	4 weeks	Tommy Ruddock
Dancercise	5:30-6:45	\$7.00	5 weeks	Julia Mashburn
Intermediate Guitar		\$2.50	5 weeks	Greg Hargis
Videotape Production	8:00-10:00	\$2.00	4 weeks	Kenneth Mays
TUESDAY				
Dancercise	5:30-6:45	\$7.00	5 weeks	Julia Mashburn
Reg. C&W Dance	6:30-7:45	\$12.00	5 weeks	Taylor & Brown
WEDNESDAY				
Dancercise	5:30-6:45	\$7.00	5 weeks	Julia Mashburn
Dating, Engagement, & Marriage	7:30-8:30	\$2.00	5 weeks	Hubert Beck
Effective Communication for Women	7:00-9:00	\$4.50	4 weeks	Karen Wilson
THURSDAY				
Advanced C&W Dance	6:30-7:45	\$12.00	5 weeks	Taylor & Brown
Reg. Guitar	5:30-6:30	\$7.00	5 weeks	Kevin Donahue
Dancercise	5:30-6:45	\$7.00	5 weeks	Julia Mashburn
FRIDAY				
Reg. C&W Dance	6:30-8:00	\$12.00	5 weeks	Taylor & Brown
OTHERS				
Rockclimbing	(See Brochure)	\$4.00		David Hinz
Defensive Driving	(See Brochure)	\$15.00		Col. Goldsmith
Canoeing	(See Brochure)	\$14.00		Mike Ryan
CPR	(TBA)			Horowitz & Woodruff
Urban Kicker	(TBA)			Joe Parrinello
Dancin'	(TBA)			Joe Parrinello
Judo	(See Brochure)	\$ 2.00		Judo Club

Reduced ventilation ups dangers

Foul air by-product of insulation

United Press International
BERKELEY, Calif. — Researchers are discovering that people who live in "tight" insulated homes and offices often pay for the energy they conserve with significantly diminished air quality.

"Indoor pollution may arise from several types of sources," said Dr. Anthony Nero, an expert in environmental aspects of energy technologies and a physicist at the Lawrence Berkeley Laboratory. "The most obvious is smoke from cigarette use. "In addition," he said in a recent paper, "carbon monoxide, nitrogen dioxide and respirable particles are produced in gas stoves and furnaces. Organics such as formaldehyde may arise from glues in materials such as plywood and chipboard."

"Radon, a naturally-occurring radioactive gas, may enter the building from underlying soil, building materials or tap water," he said.

Furniture, carpets, drapes and other seemingly innocuous household products often contain asbestos, formaldehyde and other pollutants that decompose and disperse indoors.

With normal ventilation, pollutants are constantly removed from indoor air because of dilution with fresh air.

However, with new supertight construction — and to a lesser extent with weatherstripping and caulking — reduced air infiltration allows indoor pollutants to build to higher, potentially dangerous concentrations.

"Since most people spend two-thirds of their time in their homes, and additional time in work places," Nero said, "most exposure to air pollution may occur indoors."

Nero, who directs a study of indoor radon, stressed the importance of building energy conservation. "Feasible energy savings from reducing building heating and cooling requirements amount to the equivalent of one third of U.S. oil imports," he said.

The radon study is part of a Department of Energy-funded program to study energy-efficient buildings which federal officials hope will find means of measuring and countering potential health hazards while encouraging conservation.

Some possible "control strategies"

being explored include filter systems and "air-to-air heat exchangers," which create dual streams of air in and out of a structure separated by a membrane through which heat can transfer.

Filter systems can clean air of most particulate matter, including radon by-products, but are largely ineffective with gases. Current model heat exchangers provide effective ventilation, but are only about 50 percent efficient in heat conservation.

Radon is a non-reactive gas that produces carcinogenic radioactive decay products or "daughters" including polonium, lead and bismuth.

"Because radon is present everywhere, everyone is continually exposed to this particular pollutant," Nero said. "However, indoor radon concentrations are typically higher than outdoor concentrations in the same area, and decreasing air exchange rates will raise indoor levels."

"For any concentration, there may be presumed to be a small risk of

lung cancer," he said, which would be "increased significantly by radical construction techniques that reduce infiltration."

"The models we use — and there is always a lot of uncertainty — suggest that 10 percent of lung cancer is now caused by indoor radon," says David M. Rosenbaum, the Environ-

mental Protection Agency's deputy assistant administrator for radiation programs.

If Americans were to reduce ventilation in their homes by 50 percent, he contends, increased radon concentrations would eventually result in 10,000 to 20,000 additional lung cancer cases annually.

DIETING?

Even though we do not prescribe diets, we make it possible for many to enjoy a nutritious meal while they follow their doctor's orders. You will be delighted with the wide selection of low calorie, sugar free and fat free foods in the Souper Salad Area, Sbis Dining Center Basement.

OPEN

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QUALITY FIRST



Day students get their news from the Batt.

Brownsville aliens not enrolled yet

United Press International
BROWNSVILLE (UPI) — A federal district judge granted Wednesday the Brownsville school district additional days of relief from enrolling undocumented illegal alien children.

In a hearing to consider a permanent injunction to bar the undocumented children from entering Brownsville schools, U.S. District Judge Filemon Vila said the district could use the 30 days to prepare to admit the undocumented children.

"If I granted an injunction, it would be discriminatory," he said. "I hope you will use the period of time to begin your program of implementation."

School officials have said the impact of admitting illegal aliens to the public schools, as required by federal law, is more than the district could afford.

Texas Rural Legal Aid attorney Linda Yanez, who is representing the local illegal alien children barred during the restraining order, regarded the action as a victory.

"I think the judge is trying to be fair," she said. "I wish we could have let the kids in on Monday, but I'm pleased about it anyway."

Tony Martinez, an attorney for the Brownsville school district, said, "I think the judge is trying to go as far as he can within the legal boundaries. We would have appreciated more

time and will get with the school board to see what they want tomorrow."

Brownsville school superintendent Raul Besteiro said, "At least we have 30 days to work in some thinking. We will have to monitor the enrollment."

Besteiro said 557 children of illegal aliens had enrolled in the Brownsville schools and estimated a total of 700 would enroll.

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