

Sidewalk replacement a pain in neck

If you're wondering where the east sidewalk disappeared to that formerly occupied the east side of 114 St. north of 87 Ave., *Gateway* has an answer. It is alive and well and hopefully will be returned to the campus for the use of students before more of the white stuff is around.

The temporary relocation of this sidewalk (to a well deserving land fill project) was necessary so the Campus Development Office could uncover and recover the extinct steam heat

tunnel that was under that sidewalk.

The Campus Development Office assured the *Gateway* that the project was not undertaken at this time to afford the maximum inconvenience to students, but rather that this was the only time they could get a contractor to do the work.

They actually considered postponing the project until next summer, but there was a safety hazard so they elected to do it now.



Deadlines stressed

University Department of Extension certificate and citation program classes and filling quickly and it is now time to enroll to ensure that you get into the class you want.

Classes in the Computer Programming, Management Development, Personnel Administration, and Real Estate certificate programs and in the Management of Social Housing Citation Program begin the week of September 30. Supervisory Citation Program classes begin the week of October 21.

Additional information

about these programs may be obtained by calling the following numbers: Management Development, Computer Programming, and Personnel Administration certificate programs and Supervisory Citation Program, 432-3027 daytimes or 432-3116 nighttimes; Real Estate Certificate Program and Management of Social Housing Citation Program, 432-5060 daytimes or 432-3116 nighttimes.

Registrations are accepted in Room 228, Corbett Hall, 82 Avenue and 112 Street.

Olympic champions to visit

Our Canadian Men's National Volleyball Team faces a formidable task when it takes on the best in the world, the Japanese National Men's Team, on Thursday, October 3, at 8:00 p.m. in the Main Gym at the University of Alberta. Not only are the Japanese the current Olympic Champions, having won the gold medal at Munich, but are in the final stages of training for the World Championships in Mexico City which begin on October 15. These championships, always held midway between Olympic years, have special significance this year for the Japanese men as this is one title they have never won. In 1970 in Sofia, Greece, they came 3rd behind East Germany and Bulgaria. In other words, this team will be a finely tuned machine which will mean

business.

The Japanese men use a method of offense called "quick combination attack" which boils down to a system of very quick sets and many deceptive plays. Spikers in the front court do not simply run a straight line up to the net and hit the ball but exhibit lots of movement i.e., "right crosses", "left crosses", "tandems", "double quicks", etc. These plays are all designed to "deke out" the oppositions block.

This method of playing makes the Japanese tough to beat particularly when you consider their height. The Japanese coaches have literally beaten the "rice paddies" all over Japan for tall players and have been successful. The team averages 6'3" with one player apparently 6'8".

Bill Neville, newly appointed coach of our National Men's team, knows he isn't going to fool anyone as he says Canada will beat Japan. But he guarantees a hustling club which will make the Japanese work hard and show their stuff.

This October 30th match at 8:00 p.m. in the Main Gym, U of A., will really be something to see. Anyone who still thinks volleyball is a Sunday afternoon "pattie cake" game will have these thoughts banished when he sees these superbly conditioned athletes take to the floor. An opportunity well worth taking advantage of.

Tickets are available at: General Office, P.E. Bldg, U of A., Mike's Newsstand, Students' Union Info. Desk, U of A., The Door.

Biological effects course offered by Extension Department

Engineers, geologists, geophysicists, and others in related professions are becoming more and more concerned with the environmental impact of their work.

In order to provide an understanding of biological science and their applications to these fields, the University Department of Extension is offering a ten-week evening course on Environmental Biology for Engineers beginning October 2.

The lecturers presenting this series will be discussing particular environments, describing their biological components, and, in the process, highlighting a number of important biological principles. The objective will be to alert participants to the need for considering the biological effects of their work and to recognize specific activities which may result in environmental damage.

Most of the lectures will emphasize actual environmental case descriptions. Provision will be made for ample discussion and questions.

Among the topics to be discussed are aquatic environments (lakes), environmental considerations at Lake Wabumun, aquatic environments (streams), environmental effects of hydroelectric dams, terrestrial environments, reclamation, effects of engineering works on wildlife populations, effects of highways on the environment, basis of environmental impact studies, and microorganisms and the engineer.

Brochures outlining each lecture are available by calling 432-5067 or 432-5066 daytimes or 432-3116 nighttimes. Registrations are accepted in Room 228, Corbett Hall, 82 Avenue and 112 Street. The fee is \$45 including materials.

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Magiam

The magic of Hollywood film studios is about to become even more magical. Paramount Pictures this week announced the creation of a new filming process called "Magiam," which the studio promptly labeled "the most important technical advancement for the industry since the advent of talkies."

The new process essentially does away with the need to create life-size, realistic sets. The process substitutes a miniature set for the real thing, and then uses two cameras simultaneously - one focusing on the miniature set, and the other on the actors. The cameras then blend the two images together so that it appears that the actors are actually on the set.

Paramount, which developed the system, says it's already been used successfully on an upcoming TV film called "We Hold These Truths."