

Joe Zero



Joe almost worked for the Gateway but he ran into mind-altering soap operas, the scourge of daytime TV. Now Joe's life is wretched and lonely. His only happiness comes from glimpses of Tony Geary and Susan Lucci. "I'm sorry," says Joe. But nobody feels sorry for Joe. Join the Gateway. It's better than sex, chocolate sprinkles and whipping cream combined. Come to our recruitment night tonight at 7:00 PM Room 280A SUB. You can find out what you can do for the paper and have drinks and food - on us. Unless you want to end up like Joe.

One of a kind... Computer lathe

by **Georgeann McInerney**

A micro-surface generating lathe in the Electrical Engineering Faculty is capable of cutting with an accuracy of one millionth of an inch.

This lathe is the only one of its kind in Canada and one of only a few in the rest of the world.

It was recently purchased for \$100,000 after Dr. Seguin, an electrical engineer, proposed the University have its own means of making components for laser projects.

The lathe is used to make optics which are necessary components for research conducted on campus by professors and students. These components are mainly used for on-going laser research. The University is presently conducting experiments researching the possibility of advancing the use of laser heat to weld.

However, the components are not limited to laser experiments. The Chemistry Department in the Science Faculty uses the optics in a variety of experiments with light.

In fact, some research could not be advanced without components made by a micro-surface generating lathe. Only this type of lathe is capable of making optics that are mathematically perfect and many experiments require components of this quality.

A prime example is the use of laser beams in experiments done by medical researchers. With the reflection and magnification of a laser beam onto mirror components, made by the micro-surface generating lathe, medicine can now successfully direct an intense beam to a minute point.

This experimentation has been developed to the point where a beam can now be used surgically to burn out cancer spots which previously could not be removed.

without the lathe, the University would have to buy components, and this would be costly and time-consuming.

The machine is extremely accurate mainly because its movement is controlled and coordinated.

continued page 14

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