



The University of Western Ontario

University Machine Services
Thompson Engineering Building, Room 50
1151 Richmond St.
London, Ontario, Canada N6A 5B9
Phone: 519.661.4276
Fax: 519.661.3066
Web: <http://www.eng.uwo.ca/ums>
Email: ums@uwo.ca

May 1, 2018

University Machine Services Fee Schedule

Effective from May 1, 2018 to April 30, 2019
Internal to Engineering Charges Basic rate \$64.35/hr

UWO Internal Engineering Contracts - Instructional and Operating – Research

UMS develops hourly charge-out rates from supporting historical data and the forecasting of revenues and expenses for the current fiscal year. The number of billable hours is divided by the total of all shop expenses with the intent of providing services internally at cost. Any surplus is used for operational and faculty improvements.

Charges and estimates are calculated hourly as follows including overhead and all support equipment not listed. The shop's hourly charge-out rates will be the following:

Technicians:

Manufacturing technicians including all conventional equipment:	\$64.35
Engineering and Project Management	\$74.01

Equipment: (run time cost per hour)

CNC 4 axis machining centers

Fadal 15 x 30	\$11.00
Haas 20 x 50	\$16.50
Haas VF2 15x30	\$20.15

CNC Lathe

Standard Modern 17x50	\$10.50
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Stratasys Fused Deposition Rapid Prototyping

Stratasys 400MC	\$17.50/Cubic inch
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Objet 30 Rapid Prototyping	\$1.00/Gram
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EOS P110 SLS Printer	\$20.00/ Cubic inch
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Wire EDM

Agie-Charmilles 20P wire EDM System

\$30.00