



## The University of Western Ontario

University Machine Services  
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May 1, 2019

### **University Machine Services Fee Schedule**

**Effective from May 1, 2019 to April 30, 2020**  
**Western University External to Engineering Charges Basic rate \$76.79/hr**

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 technician including all conventional equipment:	\$76.79
Engineering and Project Management:	\$88.30

#### **Equipment:** (run time cost per hour)

##### *CNC 4 axis machining centers*

Fadal 15 x 30	\$11.00
Haas VF4 20 x 50	\$16.50
Haas VF2 15x30	\$20.50

##### *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 and 396 SLS Printers

	\$20.00/ Cubic inch
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##### Wire EDM

Agie-Charmilles 20P wire EDM System	\$30.00
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