# Missouri University of Science and Technology

## AMCL Application for Approved User Status

### Name: ____________________________ Email: ____________________________

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Selection/Required Course work</th>
<th>Experience</th>
<th>User Status</th>
<th>Initials and Date</th>
<th>Date on User list</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hitachi S4700 B18-C McNutt Hall</td>
<td>Met 5520 or previous experience</td>
<td>6 hours of S4700 use in the past 3 months</td>
<td>Supervised</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Unsupervised</td>
<td></td>
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<tr>
<td>FEI Helios 600 B18-A McNutt Hall</td>
<td>Met 5520 or previous experience</td>
<td>6 hours of Helios 600 use in the past 3 months</td>
<td>Supervised</td>
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<td></td>
<td></td>
<td></td>
<td>Unsupervised</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FEI Tecnai F20 B18-B McNutt Hall</td>
<td>Met 5530 or previous experience</td>
<td>6 hours of Tecnai F20 use in the past 3 months</td>
<td>Supervised</td>
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<td></td>
<td></td>
<td></td>
<td>Unsupervised</td>
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<tr>
<td>Raith et al.</td>
<td>Met 5520 and show proficiency on Raith or previous experience</td>
<td>6 hours of Raith e-line use in the past 3 months</td>
<td>Supervised</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Unsupervised</td>
<td></td>
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</tbody>
</table>

If supervised user, status will be upgraded to unsupervised user upon completion of:

- S4700
- Helios [ ] FIB [ ] EBSD
- Tecnai [ ] Lithography
- Raith [ ]

Experience | Observation | Test
---|---|---
Experience | Observation | Test
Experience | Observation | Test
Experience | Observation | Test

This approved user status will remain in effect as long as a minimum of 20 hours of use is recorded in any 6 month period, if not, then the user WILL HAVE TO demonstrate to the AMCL staff competency.

Approved status is granted with the understanding that, in the unlikely event that the AMCL staff is unavailable, due to unforeseen circumstances, the above named researcher may be asked to temporarily operate the instrument for other users who are not unsupervised users.

I ____________________________________________________________________________ acknowledge that any misuse of this privilege will result in revocation of my user status. Misuse includes, but is not limited to habitual tardiness, missed sessions, misuse of the instrument in any manner, allowing unauthorized users to operate equipment, or failure to log usage hours.

**APPROVED:**

______________________________  ____________________________  Date: ________

(AMCL Staff)  (Signature)

______________________________  ____________________________  Date: ________

(Advisor name)  (Signature)

______________________________  ____________________________  Date: ________

Dr. F. Scott Miller  (Director, AMCL)

______________________________  ____________________________  Date: ________

Dr. William Fahrendoltz  (Director, MRC)

______________________________  ____________________________  Date: ________

08/15/2018