## EH&S Training Guide for Laboratories

### Chemical Hazards
- Work with chemicals or other work in a wet lab ✓ ✓ ✓ ✓
- Teaching Assistant for Chemistry Department ✓ ✓ ✓ ✓

### Biological Hazards
- Work with Biosafety Level 2 agents ✓ ✓ ✓ ✓ ✓
- Work with human blood or other potentially infectious ✓ ✓ ✓ ✓ ✓
- Autoclave used to treat biohazardous waste ✓ ✓ ✓ ✓
- Work with vaccinia virus ✓ ✓ ✓ ✓
- Teaching Assistant for Biology Department ✓ ✓ ✓ ✓

### Ionizing and Nonionizing Radiation Hazards
- Work with radioactive material (RAM) ✓ ✓ ✓ ✓
- Work in a lab where RAM is present and/or used ✓ ✓ ✓ ✓
- Work with Radiation Producing Machines (X-Ray) ✓ ✓ ✓ ✓
- Work with laser devices ✓ ✓ ✓ ✓

### Other Considerations
- Work with airborne contaminants requiring a respirator ✓ ✓ ✓ ✓
- Driving a powered industrial truck (PIT) ✓ ✓ ✓ ✓
- Using shop equipment ✓

### Table: EH&S Training Guide for Laboratories

<table>
<thead>
<tr>
<th>Key</th>
<th>Training Course Title</th>
<th>Course #</th>
<th>Type of Training</th>
<th>Frequency</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Hazard Communication and Waste Management – Academic</td>
<td>CHEM200</td>
<td>Online</td>
<td>Initial / Changes</td>
<td>12</td>
<td>Chemical Environmental Management System (CEMS)</td>
<td>N/A</td>
<td>SEL TEAMS</td>
<td>Once</td>
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<td>2</td>
<td>Bloodborne Pathogens for Laboratory Research Personnel</td>
<td>BIOL200</td>
<td>Online</td>
<td>Annual</td>
<td>13</td>
<td>General Safety and Biosafety for Laboratory Teaching Assistants</td>
<td>BIOL600</td>
<td>Twice In Person then Online</td>
<td>Annual</td>
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<td>On-Site Biohazardous Waste Management: Autoclaving</td>
<td>BIOL300</td>
<td>Online</td>
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<td>General Safety for Chemistry Laboratory Teaching Assistants</td>
<td>CHEM300</td>
<td>Twice In Person then Online</td>
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<td>4</td>
<td>Radiation Producing Machine (X-Ray) – Part 1</td>
<td>RAD200</td>
<td>Online</td>
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<td>Fire Extinguisher Training for Teaching Assistants</td>
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<td>Annual</td>
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<td>Biosafety Level 2 (BSL-2)</td>
<td>BIOL500</td>
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<td>Respiratory Protection</td>
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<td>Radiation Producing Machine (X-Ray) – Part 2</td>
<td>RAD300</td>
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<td>Every 3 years</td>
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<td>Radiation Awareness (Non-Users)</td>
<td>RAD100</td>
<td>Online</td>
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<td>Powered Industrial Truck</td>
<td>DRIV200</td>
<td>Online</td>
<td>Every 3 years</td>
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<tr>
<td>8</td>
<td>Laser Safety</td>
<td>LSR100</td>
<td>Online</td>
<td>Once</td>
<td>19</td>
<td>Powered Industrial Truck (Hands-On Certification)</td>
<td>N/A</td>
<td>In Person</td>
<td>Every 3 years</td>
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</tbody>
</table>

**Key:**
- ☑️: Required
- ☐️: Recommended

**Frequency:**
- Annual
- Every 3 years
- On-Site
- Online

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