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| Experiment Name | | |
| Student 1: David Cai | | |
| Student 2: Michelle Chen | | |
| Qty: | Equipment Name: | EQ#: |
| 3? | Optical Post | [eq6317](http://sky.campus.mcgill.ca/equip/equip.a5w) |
| 1 | Laser Kit | [EQ6380](http://sky.campus.mcgill.ca/equip/equip.a5w) |
| 1 | Diffraction Slits / High Precision | [eq5973](http://sky.campus.mcgill.ca/equip/equip.a5w) |
| 1 | Optical Table | [EQ1544](http://sky.campus.mcgill.ca/equip/equip.a5w) |
| 1 | Camera Mount/Beam Alignment Setup | [eq6315](http://sky.campus.mcgill.ca/equip/equip.a5w) |
| 1 | Filter Holders | [eq6325](http://sky.campus.mcgill.ca/equip/equip.a5w) |
|  | **Spatial filter** |  |
| 1 | Stage / X-Y | [eq2884](http://sky.campus.mcgill.ca/equip/equip.a5w) |
| 1 | PhotoDetector | [eq3369](http://sky.campus.mcgill.ca/equip/equip.a5w) |
| 3? | Pedestal Post Holders | [eq6316](http://sky.campus.mcgill.ca/equip/equip.a5w) |
|  | Screws for post holders |  |
| 3 | Newport B-05 | [eq2907](http://sky.campus.mcgill.ca/equip/equip.a5w) |
| 3 | Newport B-1 | [eq2908](http://sky.campus.mcgill.ca/equip/equip.a5w) |
| 1 | Newport BP-3 | [eq2909](http://sky.campus.mcgill.ca/equip/equip.a5w) |

# Remarks:

A slit will be fixed in front of the detector as well to reduce detection area

Need to check base holder compatibilities; add screws;

We want to either have good laser source, or have filter/ prism to reduce line width pass diffraction.