**LC-1 Checklist for Physics 104**

On each table, check the presence of

A LASER light source and its power adapter

PASCO interface

Viewing screen

Single-slit apparatus

Double-slit apparatus

PASCO optical bench

Light sensor and cable to connect it to the PASCO interface

Rotary motion sensor

On each table, check for functionality

The ruler markings on the optical bench are intact and legible

The LASER source, single alit and double slit apparatus fit tightly onto the optical bench

The LASER light source can turn on and its horizontal and vertical position can be adjusted

The single slit apparatus and the double slit apparatus can be rotated to obtain any slit

The single slit apparatus has slits of width0.08 mm and 0.04 mm intact.

The double slit apparatus has all the double slits intact.

Connect the sensors and load set up the data studio file. Check whether the sensors are functional and give the correct data.

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| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** |
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