

2022/2023 WORK STUDY PROGRAM

JOB POSTING

JOB TITLE: MENG2 - MECH Mechatronics Research Assistant

DEPARTMENT NAME: Mechanical Engineering

CONTACT NAME: Josh Giles

JOB DESCRIPTION:

The Mechatronics Research Assistant will work to support the inter-disciplinary musculoskeletal device development research conducted in the Orthopaedic Technologies & Biomechanics Lab by assisting with the creation of novel mechatronic devices through fabrication and testing. This will include working with co-op and graduate students on a range of projects including the creation of wearable sensors and diagnostic muscle power dynamometers. The extent and exact nature of the student's work will depend on their interests and skill level as well as the progress of the research program. Responsibilities will include assisting with design devices, fabrication of sensors (e.g. construction of custom sensor arrays, soldering of custom PCBs, etc), technical verification testing, and functional validation testing. For information on the research activities of the Orthopaedic Technologies & Biomechanics Lab please visit: <https://www.uvic.ca/engineering/mechanical/faculty-and-staff/faculty/jwgiles.php>

QUALIFICATIONS:

Academic: Enrolled in an applicable undergraduate program of studies.

Personal: Reliable and detail-oriented. Able to work independently and as part of a multidisciplinary team.

Technical: Strong electronic, programming, and mechatronic skills.

JOB LOCATION ON-CAMPUS: Engineering Lab Wing B239

WORK STUDY WAGE: \$16.50/hour (including 4% vacation pay)

HOURS AVAILABLE: 150

HOW TO APPLY: Email C.V., transcript, and cover letter to jwgiles@uvic.ca

APPLICANTS MUST BE ELIGIBLE TO PARTICIPATE IN THE WORK STUDY PROGRAM
For details go to: <http://www.uvic.ca/registrar/safa/work-study/index.php>