

```
# get objects selected in the viewport
viewport_selection = bpy.context.selected_objects

# get export objects
obj_export_list = viewport_selection
if self.use_selection_setting == False:
    obj_export_list = [i for i in bpy.context.scene.objects]

# deselect all objects
bpy.ops.object.select_all(action='DESELECT')

for item in obj_export_list:
    item.select = True
    if item.type == 'MESH':
        file_path = os.path.join(folder_path, "{}.obj".format(item.name))
        bpy.ops.export_scene.obj(filepath=file_path, use_selection=True,
                                axis_forward=self.axis_forward_setting,
                                axis_up=self.axis_up_setting,
                                use_animation=self.use_animation_setting,
                                use_mesh_modifiers=self.use_mesh_modifiers_setting,
                                use_edges=self.use_edges_setting,
                                use_smooth_groups=self.use_smooth_groups_setting,
                                use_smooth_groups_bitflags=self.use_smooth_groups_bitfl
                                use_normals=self.use_normals_setting,
                                use_uv=self.use_uv_setting,
                                materials_setting,
```

Python4physics

This is a six week course START DATE: JUNE 15, 2026

Python4Physics is a course designed to equip students with the fundamental tools to write simple code using the Python programming language. Along the way, you'll explore engaging concepts in physics, math, statistics, and, of course, programming—primarily by solving problems numerically.

You'll learn how to solve equations, analyze data, and model a variety of systems. No prior experience in programming, physics, or advanced calculations is required, though a basic familiarity with algebra is recommended.

FOR MORE INFORMATION

Go to our registration form using the qr code below, or visit: [/physics.berkeley.edu/python4physics](https://physics.berkeley.edu/python4physics)

Registration is free and open to the public.

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