

Install on Ubuntu

We recommend Ubuntu 20.04 on a mid-tier laptop and GPU (e.g., a Lenovo P52 with i7-8850H/Quadro P2000)

```
git clone https://github.com/utiasDSL/safe-control-gym.git
cd safe-control-gym
git checkout aer1217-course-project
```

Create and access a Python 3.8 environment using

[conda](#)

```
conda create -n aer1217-project python=3.8
conda activate aer1217-project
```

Install the `safe-control-gym` repository

```
pip install --upgrade pip
pip install -e .
```

Install `pycffi` firmware

```
cd ..
git clone https://github.com/utiasDSL/pycffi-firmware.git
cd pycffi-firmware/
git submodule update --init --recursive
sudo apt update
sudo apt -y install swig
sudo apt install build-essential
cd wrapper/
chmod +x build_linux.sh
./build_linux.sh
```

Getting Started

Run the scripts in [aer-course-project/](#)

```
cd ../../safe-control-gym/aer-course-project/
python3 final_project.py --overrides ./getting_started.yaml
```