

The screenshot displays a Jupyter Notebook environment. On the left, a file explorer shows the project structure with files like `05-CCD_Images.h...`, `05-CCD_Image...`, `05a-imagescaling.i...`, `05b-editing_heade...`, `DUE_DATE.txt`, `my_new_fits_file.fits`, `plots`, and `reduction_tools.py`.

The top toolbar includes options for `Server...`, `Notebook (default)`, `Zoom`, and `Notebook`. Below this, a status bar indicates the kernel is running on `CPU` with `Python 3 (system-w...)`.

The main area shows a code cell with the following Python code:

```
from IPython.core.display import HTML
css_file = '../styles/styles.css'
HTML(open(css_file, "r").read())
```

Below the code cell, the rendered HTML content is visible, featuring a title

Calibrating CCD data

 and a section

Learning Objectives

 with a bulleted list:

- How to use the `astropy` library to read in FITS images
- How to display FITS images
- How to access FITS headers
- How to add, subtract divide and combine images
- Bias subtract, dark subtract and flat-field images