

## Tutorial 3 – Applied Digital Control

First Task – learn how to use Simulink

<https://www.youtube.com/watch?v=ThA7zhLX98A>

Second Task – Understand the behavior of digital PID control in practice

<https://www.youtube.com/watch?v=fusr9eTceEo>

Third Learning Task – Integrator anti-windup

<https://www.youtube.com/watch?v=H4YIL3rZaNw>

If you have time – some interesting PID application examples

<https://www.youtube.com/watch?v=4UHLRmYNDMQ>

<https://www.youtube.com/watch?v=EwrQEsFmL4E>

[https://www.youtube.com/watch?v=j4OmVLc\\_oDw](https://www.youtube.com/watch?v=j4OmVLc_oDw)

<https://www.youtube.com/watch?v=LtocGBngSrA>

<https://www.youtube.com/watch?v=sxg3Pji-bfk>

[https://www.youtube.com/watch?v=-ym\\_oQwLcf0](https://www.youtube.com/watch?v=-ym_oQwLcf0)