

## Process Control and Analytics - Basics

**Free registration available for two students:** Submit 500 words explaining how completing this course will assist you in your studies and future career. Email submissions to [Associate Professor Mohsen Yahyaei](#) by COB Thursday 29 April 2021. Open to Honours and HDR Candidates.

### Program overview:

Session	Time	Module 1	Module 2	Module 3	Module 4
		Tue 4 May 21	Wed 5 May 21	Thu 6 May 21	Fri 7 May 21
		Introduction	PID tuning	Activity	Practical aspects of process control
-	9:20-9:30	Reception	Reception	Reception	Reception
1	9:30-10:30	What is process control	Tuning of PID Controllers - Part 1	Loop Pro - Introduction	Common issues in control of mineral processing plants - Part 1
-	10:30-10:45	First Break	First Break	First Break	First Break
2	10:45-11:45	Stabilising process control	Tuning of PID Controllers - Part 2	Activity 1 Loop Pro	Common issues in control of mineral processing plants - Part 2
-	11:45-12:00	Second Break	Second Break	Second Break	Second Break
3	12:00 - 13:00	PID Controllers	Tuning of PID controllers - Part 3	Activity 2 Loop Pro	Basics of Instrumentation