

## MA4198 PROJECT PROPOSAL (PROJECT CUM SEMINAR GROUP)

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### SUPERVISOR'S INFO

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**PROJECT ID: PS2320-05**

### TITLE

Topic in differential equations

### BRIEF DESCRIPTION OF PROJECT

We will most likely concern about abstract theory on this topic, likely to be just on existence and uniqueness theorem

### EXPECTATION/S

Should have basic idea on basic results on initial value problems and some of their variations

### PREREQUISITE/S (at level 3000 or below, with at most one course at level 3000)

MA3220, MA2108, MA2104

### READING REFERENCE/S

Differential equations by Simmons and Krantz