

RMIT University
School of Science
COSC2408 Programming Project 1, Capstone Project
Information for Industry Clients

1 The Capstone Project

In a capstone course students are expected to apply the knowledge and skills they have learned throughout the program to a significant group project.

2 Types of Projects

Projects can involve most applications of information technology, including programming, software development, web development, mobile app development, database construction, data analysis and visualization.

3 Project Information from the Client

The client needs to provide:

1. A project title
2. A one or two paragraph project description
3. The name of company
4. The name of the person responsible for the project
5. Any specific software or information technology skills required
6. [Optional] A link to more information about the company or the project

4 Allocation of Students to Projects

Before the semester starts we compile a list of potential projects. Each project has a brief one or two paragraph description, the kinds of programming languages and technologies that are required and the desired size of the group. The list is published to students at the beginning of week 1. Eligible students submit their preferences and are allocated to projects based on their GPA. Project allocations are available by the end of week 1.

5 Duration and Timing

The project is a one semester course that needs to be aligned with RMIT semesters. Semester 1 usually runs from late February to May, semester 2 from July to October. We need project descriptions a week before the start of a semester.

6 Size of Groups

The size of a group will depend on the size and scope of the task required by the client. The maximum number of students in a group is 5.

7 Contact with students

It is expected that a client will meet regularly with the project group, ideally once every week. It is also expected that a client will provide information relating to requirements specification and system development in a timely manner.

8 Time Commitment by Students

The capstone project is a 12 credit point course. This means that each student is expected to spend 10-12 hours per for 12 weeks on the project. Full time students will be taking 3 other courses at the same time.

9 Project Difficulty

Project goals and deliverables need to take into account the knowledge and skills of the group. If necessary, the project plan can include the time needed to learn a new tool or system.

10 RMIT Supervisor

Each project needs to have a suitable supervisor from the School of Science. If needed, we can assist in finding a supervisor.

11 Intellectual Property

By RMIT default the client organization owns any intellectual property generated by the project. However it is expected that the students will retain a copy of any relevant code and documentation for their portfolios. Both the client and the students are required to sign an RMIT Work Integrated Learning (WIL) agreement.

12 Payment

Payment is optional. Typically projects in which there is a payment attract more interest from students and result in students with higher GPAs in the group.

13 Contact

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14 The Fine Print

While we will make every effort to satisfy the requirements of a client, we cannot guarantee that:

- We will be able to allocate a group to a project.
- We will be able to find a suitable supervisor for a project.
- That the project will deliver usable systems.