

## Analysis of Cross-disciplinary Joint Training Project

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**Abstract.** In the traditional teaching system, students in a certain major only know their own professional content, while, the students have no clear lying about the work content and form of other majors. And that leads to students a variety of problems in the future work. In order to make up for this deficiency, the outstanding junior students and teachers of 7 majors are now integrated into the practical semester for a month of practical training, in order to better integrate with the actual employment environment.

### Introduction

In today's society, due to the gradual deepening and specialization of job segmentation, companies began to emphasize the collaboration between one position to another. According to the questions raised in the 2018 "Graduate Feedback" conducted by several Dalian Universities, most students said that when they first entered their posts, they were unable to communicate effectively with colleagues in other positions, and when problems arise, they have no idea that colleagues in which positions can really solve the problem<sup>[1]</sup>.

The nature of the problem stems from the school period, although the profession has carried out a lot of collaborative training, there is a lack of systematic cross-disciplinary joint training majors. In response to this problem, this study is now constructing a practical project, so that students can carry out cross-professional practical operation, adapt to the post requirements in advance<sup>[2]</sup>.

In this project, the practical achievements of college students' innovation and entrepreneurship are combined into the project, and the real operation of the project is carried out for one month based on the real company and the project. The structure diagram is shown in Figure 1.



Figure 1. Structure Diagram of Cross-disciplinary Joint Training Project

Therefore, the project is based on the needs of the real project, and after studying the majors required in the

current operation of the project, it brings together students from seven majors: Information Management, Project Management, E-commerce, Marketing, Human Resource, Financial Management and Logistics.

### Objective of Project Construction

There are 7 majors in this project. The 7 professional joint teaching project<sup>[3]</sup>. The 7 professional teachers will be combined and set up a project framework to design a reasonable and implementable project. The aim of this design is to build up a comprehensive project that simultaneously cultivates students' professional knowledge ability, collaborative ability and innovative entrepreneurial ability. The flow chart is shown in Figure2.

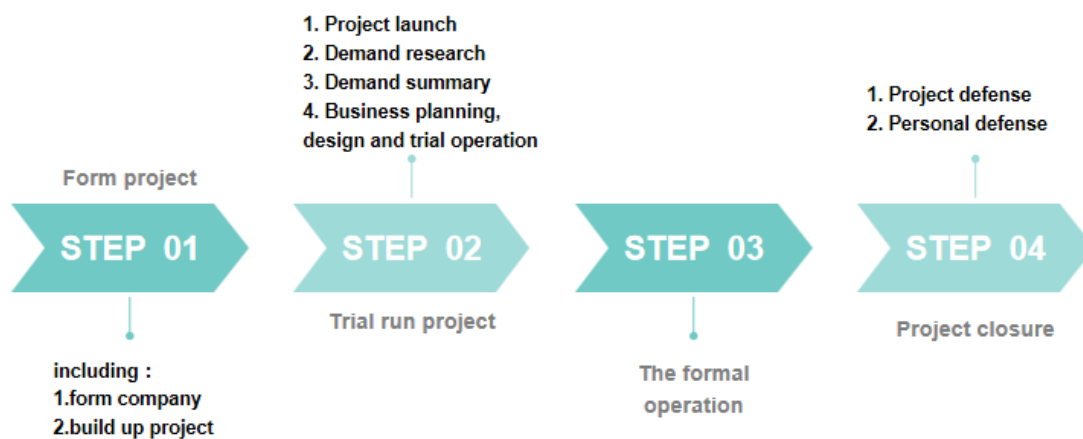


Figure 2. Cross-professional joint training project construction flowchart

As can be seen from the figure above, the project is divided into 4 large phases and 9 small concrete implementation steps. The specific time schedule allocation is shown in table 1 below.

Table 1 Inter-professional joint training time planning allocation table

Implementation Step	Implementation content	Workload
1	Form company	4
2	Build up project	4
3	Project launch	4
4	Demand research	4
5	Demand summary	4
6	Business planning, design and trial operation	12
7	The formal operation	40
8	Project defense	4
9	Personal defense	4

## **Form project.**

### **(1) Form company**

In the meantime of establishing a company, the recruitment needs to be completed according to the talent needs of the enterprise, and the company's membership and organizational structure will be determined. The final results include a resume, interview records, written answers, etc.

### **(2) Build up project**

During this period, the main team development training. The end result is to expand the program for the team and to deepen communication and promote communication through outreach activities.

**Trial run project.** Starting from the trial run phase, the project no longer has a single goal and results, but according to the different professional, develop targeted content to help the project success.

### **(1) Project launch**

In this period, the project management major needs the students to complete the project scope, the financial management major needs the students to complete the establishment of the company's financial charter, the marketing major needs the students to complete the formulation of marketing research plan, logistics management major needs the students to complete the basic workflow of determining logistics, the human resources major needs the students to complete the determination of personnel structure, Information management major needs students to complete the goal of enterprise information system construction, e-commerce major needs students to complete the company's business model<sup>[4, 5]</sup>.

### **(2) Demand research**

In this period, project management majors need students to complete the refinement of the scope of the project, financial management majors need students to complete the establishment of corporate accounts, marketing majors need students to complete demand research, logistics management majors need students to complete distribution needs research, human resources majors need students to determine job responsibilities, Information management major sits in the need for students to complete the preliminary investigation of information system, and e-commerce major needs students to complete the research on the needs of e-commerce platform.

### **(3) Demand summary**

In this period, e-commerce major sage needs students to complete the e-commerce platform demand analysis report, human resources major needs students to complete the work analysis, marketing major needs students to complete marketing research report, STP analysis, logistics management professional needs students to complete logistics and distribution needs analysis report, Financial management major sits in need of students to complete the preparation of company budget statements, and project management majors need students to form project scope specifications.

### **(4) Business planning, design and trial operation**

During this period, e-commerce majors need students to complete e-commerce platform planning and operation planning, human resources majors need students to complete performance planning, marketing majors need students to complete marketing planning, Logistics management major needs students to complete logistics business design and operation management program financial management professional needs students to carry out company bookkeeping business training, cash counting contest and the trial run of the bookkeeping reimbursement process, project management major needs students to complete time management.

**The formal operation.** This is the longest period of the entire project, and its implementation of some of the specific steps to smooth the operation of the project, each professional specific work content is as follows.

E-commerce major sage needs students to complete the user experience optimization, operation data analysis, human resources major needs students to complete performance management, marketing major needs students to complete marketing offline activities, advertising copy production, sales execution, collect consumer feedback; To optimize and re-engineer the business, the financial management major needs the students to complete the daily bookkeeping, closing, closing, closing and financial analysis, and the project management major needs the students to complete the risk management.

**Project closure.** At the end of the project, the main task conducts the project team defense and personal defense. Then, teachers give the corresponding score according to the final circumstances of the defense.

## Conclusion

This project is a major reform of traditional teaching methods. This project is based on students' cross-professional practices in real projects, teachers give students personalize tutoring. It is an innovative student-oriented project. The aim of the project is exercised the students' understanding of other majors, and the students' ability to collaborate between different posts is strengthened. Thus, students promotes the employability, and that can have a great significance to the future development of students.

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