Research on Integration Curriculum System between Higher and Middle Vocational Education

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What is it?

Why do we need it?

How do we do?

What do we do next?

Middle and Higher VET Integration Module
Cooperative project between Middle and Higher Vocational education school

Run-through

articulation

connection

Gleichschaltung

What is Middle and Higher VET Integration Module?
Why do we need it?

1988  China started to connect Middle and Higher Vocational education

“3+x” exam

Problem:
- Different target
- Duplicated or irrelevant context
- Different students’ group

Inefficiency and low quality

2010, Shanghai started integration Module as a pilot project with 4 majors, 280 students were enrolled

2012, extend to 10 majors

2012, extend to 32 majors

2015, extend to 103 majors and 5700 students were enrolled

2010  Middle and Higher VET Integration Module put into effect
Why do we need it?

- Enhance the attraction of vocational education
- Improve the efficiency of connection between middle and higher vocational education
- Improve the cultivation quality of vocational education
How do we do it?

From school’s side:

Choose one appropriate major

Find a partner to build the cooperative relationship

Redesign the cultivation plan together
  -length of training
  -target of cultivation
  -curriculum system
  -content
  -evaluation
  -resource sharing

From student’s side:

After graduate form normal middle school

Take the Senior high school entrance exam to enter into integration project

First 3 year study in the middle VET school

The 4th and 5th year study in the higher VET school

After 5 years’ study, get the degree of higher vocation education.
What is the Middle and Higher VET Integration Module?

Cooperative system –
Guarantee for the integration project

Part

Two Bodies

One Plan

Appropriate major -
Component of Middle and Higher vocational Education connection

Integrated curriculum system –
the core of middle and higher VET integration module.
Why do we need it?

◆ Enhance the attraction of vocational education

◆ Improve the efficiency of connection between middle and higher vocational education

◆ Improve the cultivation quality of vocational education

◆ Base on long study period to explore a new curriculum system
How do we redesign the curriculum system?

**Cultivation Goal**

- Main direction

**Curriculum structure**

- Logical pathway

**Curriculum content**

- Basic component
Cultivation Goal

**Target position**
- cashier
- financial transactions
- accounting
- general ledger
- cost accounting
- financial statements
- audit
- others

**Job credentials**
- Abacus Calculation grade 5
- accountant's practice certificate
- accounting qualification
- ERP supply chain management
- CAT accountant certificate

**target position**
Do survey on the labor market and companies to fix the requirement of relevant job positions

**Job credentials**
Issued by government, local government, institutions and companies
### Cultivation Goal

<table>
<thead>
<tr>
<th>Tax Planning</th>
<th>Audit and Internal Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td>Budget Planning</td>
<td>Tax Declaration</td>
</tr>
<tr>
<td>Budget Accounting and Control</td>
<td>Accounting Supervision</td>
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<tr>
<td>Financial Statement Preparation</td>
<td>Preparation of Financial Statements</td>
</tr>
<tr>
<td>Claims and Debts Management</td>
<td>Preparation of Financial Statements</td>
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<tr>
<td>Financial Analysis</td>
<td>Financial Analysis</td>
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<table>
<thead>
<tr>
<th>Undergraduates</th>
<th>Cashing Work in Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salary Management</td>
<td>Salary Management</td>
</tr>
<tr>
<td>Gathering and Payment Management</td>
<td>Gathering and Payment Management</td>
</tr>
<tr>
<td>Cashier in Market</td>
<td>Higher VET</td>
</tr>
<tr>
<td>Stock Clerk</td>
<td>Fixed Assets Management</td>
</tr>
<tr>
<td>Data Recording</td>
<td>Middle VET</td>
</tr>
</tbody>
</table>

### Main Work Content
Curriculum Structure

Vocational-based Courses

Training Courses and Internship

Vocational Core Courses

Vocational Extended Courses module 1

Vocational Extended Courses module 2

(2 times 9 weeks internship at the 5th and 9th semester; 18 weeks internship at 10th semester)

(Marketing, Statistics, International Settlement...)

(Fundamental Accounting, Financial Accounting, Accounting Computerization...)

(Language, Math, Computer...
## Curriculum Structure

<table>
<thead>
<tr>
<th>type</th>
<th>time(h)</th>
<th>type</th>
<th>time(h)</th>
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<th>time(h)</th>
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<tbody>
<tr>
<td>General-knowledge courses</td>
<td>1062</td>
<td>Vocational-based courses</td>
<td>926</td>
<td>Vocational-based courses</td>
<td>2304</td>
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<td>Skill courses</td>
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<td>Trainning course and internship</td>
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<td>Trainning course and internship</td>
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<td>Internship</td>
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<td>Vocational core courses</td>
<td>455</td>
<td>Vocational core courses</td>
<td>810</td>
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<td>Major core courses</td>
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<td>Vocational extended courses</td>
<td>402</td>
<td>Vocational extended courses</td>
<td>517</td>
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<tr>
<td>Major direction courses</td>
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<tr>
<td>Selective courses</td>
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<td><strong>total</strong></td>
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<td><strong>total</strong></td>
<td><strong>2714</strong></td>
<td><strong>total</strong></td>
<td><strong>4861</strong></td>
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</table>
## Curriculum Content

<table>
<thead>
<tr>
<th>Middle-Higher VET school</th>
<th>Integration Project</th>
<th>remarks</th>
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<tbody>
<tr>
<td>Fundamental Accounting</td>
<td>Fundamental Accounting</td>
<td>Type1. widen and deepen the knowledge scope</td>
</tr>
<tr>
<td>/Fundamental Accounting</td>
<td></td>
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<tr>
<td>Accounting Practice</td>
<td>Financial Accounting I &amp; II</td>
<td>Type2. combine two courses and redesign</td>
</tr>
<tr>
<td>/Financial Accounting</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basic Knowledge for</td>
<td>Financial Management</td>
<td>Type3. reduce the irrelevant context</td>
</tr>
<tr>
<td>Financial Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>/Financial Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>/Cost Accounting</td>
<td>Cost Accounting I &amp; II</td>
<td>Type4. make up the shortage</td>
</tr>
</tbody>
</table>
What do we do next?
Isolation between Middle and Higher VET

Project start

Connection start

Goal: Balanced development between Middle and Higher VET and Build the modern Education system
Thanks for your attention

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