The Vocational Ability of College Students in China

Kang Min
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Outline

- Education System in China
- An Empirical Study of Higher Vocational Education
Education System in China

UNESCO

Higher Education System

Higher Education Institutions System
Education System in China

- We are in the stage of massive higher education.
- The gross enrolment rate of HE is 42.7% in 2016.
- The scale of HE students is 36,990 million.
Education System in China

The student enrolment of higher vocational education (1997-2015)
Education System in China
Education System in China: Transfer by Examination

There are two lines to transfer

- **General Education**
  - General College Entrance Examination
  - Only for graduating students
  - 3+2

- **Adult Education**
  - Adult College Entrance Examination
  - Requirement: At least certificate of Postsecondary Specialised Education
  - 4 ways: Self-taught Examination; Adult College Entrance Examination; Online Education; The Open University
A Study: Background

- The transformation of economic structure and challenges of manufacturing in China
- The policy of *The Plan of Modern Vocational Education System Development (2014-2020)* calls for strengthening of scientific literacy, technical thinking and practical capacity education
- Vocational education is an important part of *Education for All* and focusing on people’s role in the career
- Demand of students, a study of USA in 2006 (George D. Kuh, et al.) : two years junior college students pursue diverse development goals, 41 per cent want job-related skills, 40 per cent want self-promotion
A Study: Definition of concepts

- **Definition of ability**
  - the use of knowledge in a particular case (broadly speaking, to cover information, understanding, skills, values and attitudes) and to meeting demand.

- **Definition of vocational ability** (job oriented, three parts)
  - **Professional ability** includes basic knowledge and skills for a certain job.
  - **Core ability** refers to the ability to migrate outside the profession, and is a common ability required by any profession.
  - **Psychological ability** is a key factor in maintaining vocational development and self-development.
A cluster analysis of total professional capacity scores could be divided into higher, medium and lower groups, with a higher score of 49.17 %, a moderate group of 45.83 %, and a lower group of 4.58 %.

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A Study: Findings

- The higher vocational students' professional ability has the highest evaluation value and the lowest evaluation of professional practice skill.
- The cooperation is the highest evaluation of the core ability and the lowest evaluation is empathy ability.
- Anti-setback ability is the highest in psychological ability is the highest evaluation of, positive optimistic mentality evaluation is lowest.
Thank you!

Kang Min  2018年7月1日