

The Report of e-Learning in China Higher Education

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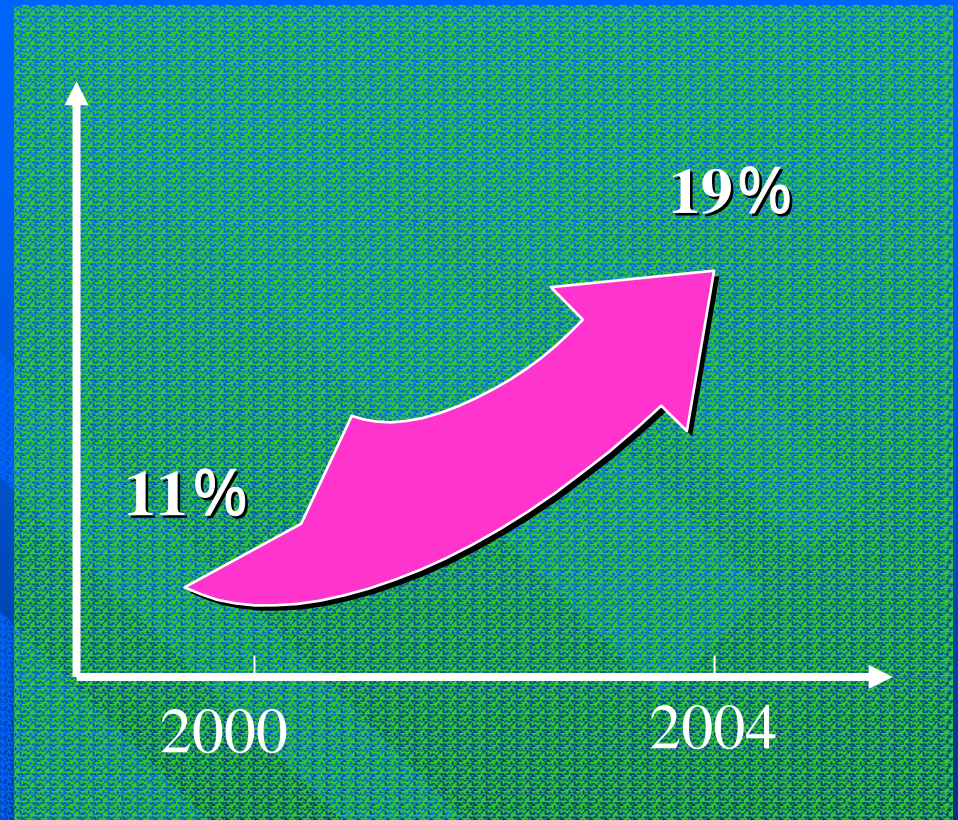
Agenda

- **Brief Description of Higher Education**
- **Brief Description of Networked Education**
- **National Pilot Curriculum Sharing Project**
- **The Mechanism of Quality Assurance on e-Learning**

Brief Description of Higher Education

- Public universities and colleges: 1552
 - Universities to offer master and/or doctor degree: 407 (+313 R&D institutions)
 - Universities to offer bachelor degree: 644
 - Institutes with 3-year undergraduate (Senior vocational schools): 908 (711)
 - Adults schools: 607
- Private universities and colleges: 1104
 - Schools and testing organizations to offer diploma: 384
 - registered Students : **664 thousand**

In recent years, the scope of China's higher education is increased rapidly. In 2004, the gross enrollment rate for higher education in China has been reached 19%.



Gross enrollment rate
for higher education

The enrollment rate of Higher education around world from 1970 to 1997 (%)

year	1970	1980	1990	1997
All over the world	8.5	11.0	12.7	17.4
Developing Countries	3.0	5.1	6.9	10.3
Developed Countries	23.4	30.3	37.9	61.1
North America	45.4	54.2	75.2	80.7
Asia /Pacific area	17.5	29.7	30.4	42.1
Europe	17.3	22.0	28.3	50.7

---- from World Education Report 2000, UNESCO

Undergraduate students in 2003

	Total (million)	Graduate students	Undergraduate students	3-year undergraduates
Total	11.73	0.65	6.29	4.79
Fresher	4.10	0.27	1.83	2.00

The enrollment rate: around **17% (2003)**
19% (2004)

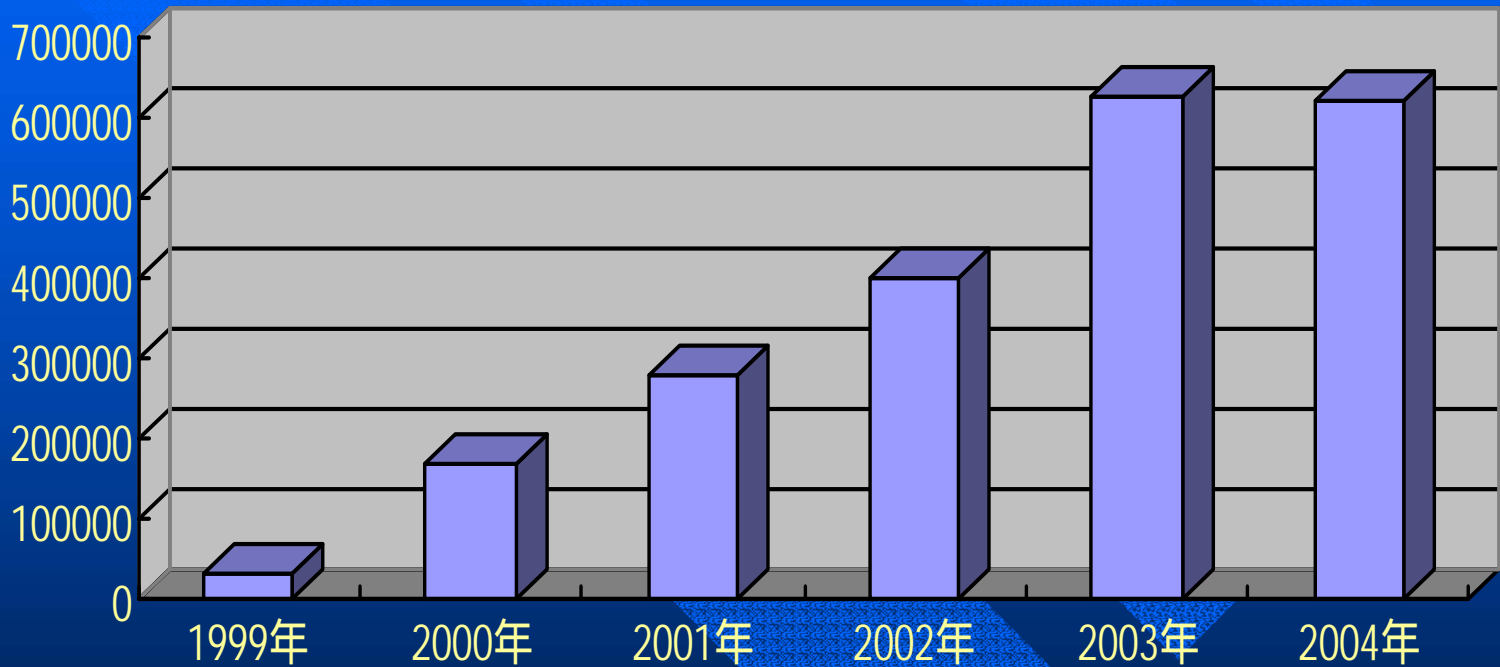
Brief Description of Networked Education

- Since March of 1999, 4 universities being engaged in Networked Education (NE): Tsinghua Uni., Zhejiang Uni., Beijing Post & Communication Uni., Hunan Uni. Being **68 Pilot Universities** currently.
- about **2.3 million registered students** in 2004, with 86% in Part-time
- about **3400 Learning Centers** all over the country
- about **46 thousand Instructors**, Tutors and mentors (including part-time staff)
- the **most popular specialties**: Computer, Law, Business Administration, English language, International Economy & Trade.

Specialties and Recruitments

Years	2000	2001	2002	2003
# of specialties	40	77	141	158
# of fresher (thousands)	170	360	740	980

Recruitment Changes in CRTVU Recently



of fresher in CRTVU from 1999 to 2004

The scope of CRTVU in 2003

- the CRTVU makes experiment in all the mainland
- Total specialties : 42 (15 for 4 yrs , 27 for 3 yrs)
- Total registered students : 2.1 million (918 thousands for 4-yrs)
- Total graduated students : 361 thousands

National Pilot Curriculum Sharing (NPCS) project

1. Basic Concept: To promote the quality of curriculum nationwide via curriculum resources sharing

2. Target: To create 1500 national pilot curriculum in 5 years(2003-2007) (at the level of foundation or technology foundation)

高等学校精品课程建设工作

高等学校精品课程建设 | 新闻动态 | 政策公告 | 征求意见 | 地方专栏 | 学校专栏 | 学术交流 | 精品论坛

2004-5-28 - Friday | 课程申报 | 网上评审 | 课程公示 | 咨询问答 | 软件下载 | 联系我们 | 关于我们

国家精品课程评审

- 课程申报
- 专家评审
- 课程公示

2003年度国家精品课程
请点击进入

政策公告

- 教育部办公厅关于《国家精品课程建设工作实施办法》补充规定的通知 04-04-06
- 教育部关于公布2003年度国家精品课程名单的通知 04-02-10
- 关于2003年度国家精品课程上网公示的通知 03-12-31
- 通知 03-12-01
- 2003年度国家精品课程开始评审的通知 03-11-18
- 2003年度申报国家精品课程资格审查结果 03-11-04
- 截至10月30日下午未通过资格审查的课程名单 03-10-30
- 声明 03-10-23

More>>>

新闻动态

- 教育部年终盘点——成就宣传新闻发布会 04-02-12
- 实施精品课程建设 提高高校教学质量和人才培养质量 04-02-12
- 2003年度国家精品课程典型简介 04-02-12
- 7位院士33位名师登上“国家精品课程”讲台 04-02-12
- 教育部副部长吴启迪提出优中选优推进国家精品课程建设 让更多学生享受优质教育 04-02-11

地方专栏

- 辽宁启动高校精品课程建设
- 关于启动高等学校教学质量与教学改革工程精品课程建设工作的通知
- 转发《教育部关于启动高等学校教学质量与教学改革工程精品课程建设工作的通知》的通知
- 重庆市教育委员会关于开展市级精品课程评选和国家精品课程推荐工作的通知

学校专栏

- 国家精品课程揭晓我校7门入选
- “三大转变”打造精品课程

信息查询

所有栏目

文章标题

查询

学术交流

- 国家精品课程建设提高教育质量的重要举措
- 《评价标准》告诉我们
- 我观“精品课程建设”
- 建设精品课程的关键在于实施精品课

精品论坛

- 加强精品课程建设的思路与举措
- 建设高水平大学需要精品课程
- 实施教学名牌战略 推进精品课程建设
- 积极组织申报精品课程

<http://166.111.82.5/greatcourse>

3. Effect

- To pop out the position of instruction in HEIs (to create the database of curriculum quality, to increase the ability of instruction)
- To promote ICT application in HEIs (including ICT infrastructure, methodology, resource sharing)
- To encourage professors giving lectures to undergraduates (to let their instruction close to research, to take charge of curriculum development)

4. Scale and functions

- High quality with 5 first-class (teachers, content, methodology, textbook, management)
- Sharing in Internet
- Giving demonstration in its own institute
- Giving demonstration in same type of courses

5. Mode of construction and assessment

- Be created by the institute
- Be recommended by education bureau at the province level
- Be evaluated by MOE
- Be given the honor and balance the budget

Site Highlights

- ▶ Syllabus
- ▶ Course Calendar
- ▶ Lecture Notes
- ▶ Assignments
- ▶ Exams
- ▶ Problem/Solution Sets
- ▶ Labs and Projects
- ▶ Simulations
- ▶ Tools and Tutorials
- ▶ Video Lectures



清华大学
Tsinghua University

课程简介

发出日期：2003-10-25

- 1) 课程指导思想及定位
面向能力培养、面向信息时代、
面向一流水准、面向工程实践；

按照能力培养将《结构力学》重组为三个模块，
概括为：
一个基础、两座大厦：
《经典结构力学》 培养经典方法的分析能力
《程序结构力学》 培养计算机建模分析能力
《定性结构力学》 培养定性分析和判断能力
- 2) 教学内容的基础性、前沿性和时代性、教学与科研结合的成效等
在本体系中：
《经典结构力学》（64+32学时）是基础性内容；构成本体系的基础部分，教材多次获国家级教材奖
《程序结构力学》（32学时）具有鲜明的时代性；采用新编的面向21世纪的教材
《定性结构力学》（16-32学时）则有很强的前沿性；部分内容请结构大师和名师、院士讲授
教学科研相长：
将教学作为科学研究的创新源。在对教学的深入钻研中开发了科研前沿新课题，如有限元法（国家杰出青年科学基金）、有限元应力收敛计算等一系列国家级课题的思想均来自结构力学的教学，并为教学不断地注入新内容。
- 3) 教学方式
同时开设中、英文班；采用常规方法、多媒体方法以及网络教学方法等综合手段授

“Mechanics of Structure” published by Tsinghua University

- ✓ To share Course Content
- ✓ To share Experience of Teaching & Learning
- ✓ To share Knowledge of Pedagogy in New Era
- ✓ To share Culture of Campus

Off-campus

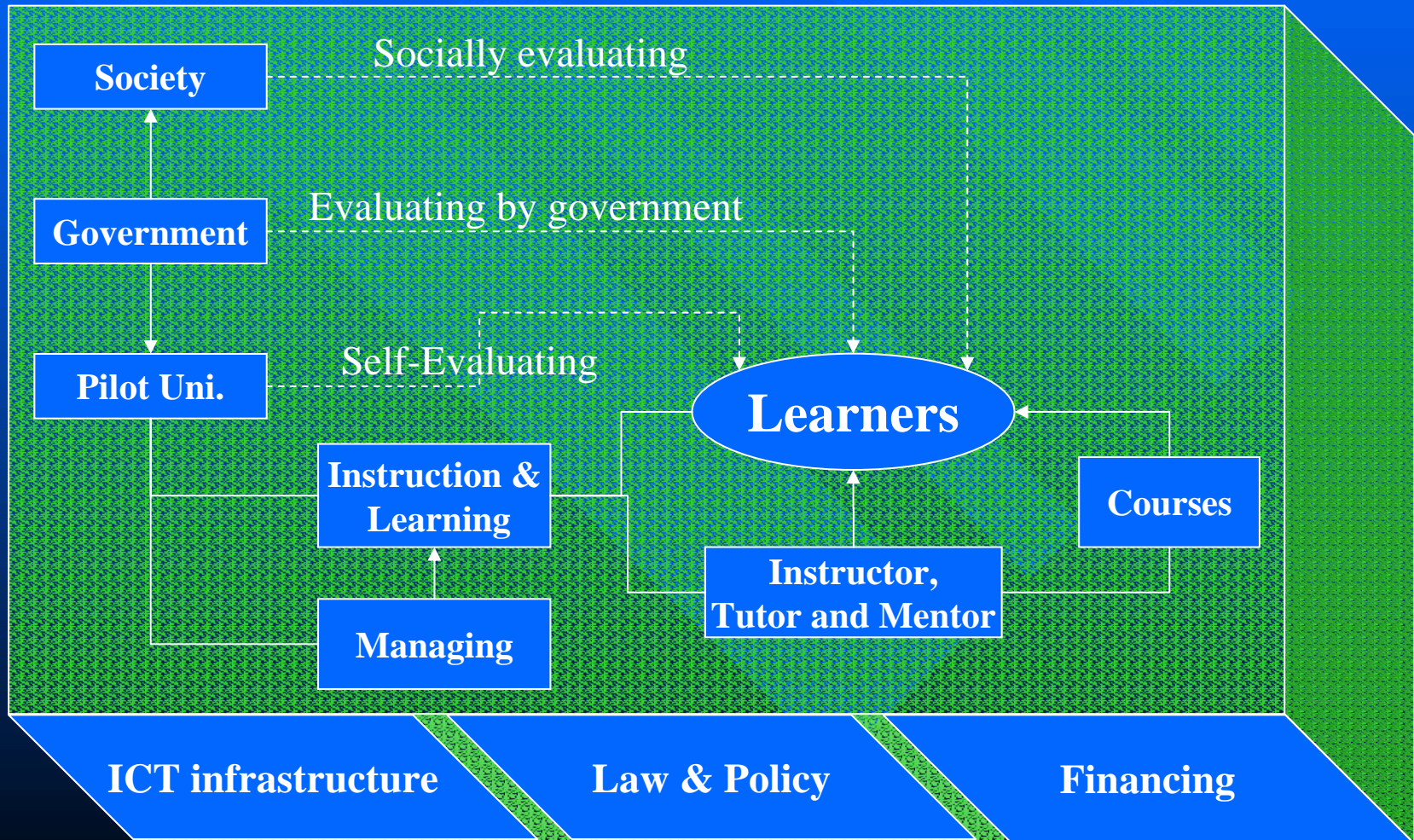
Bridge and Link

On-campus

New mode!?
Study by themselves!
Alone !
And Alone!

Traditional!
Lecture!
Lecture!
And lecture!

The Mechanism of Quality Assurance on e-Learning



Some works concerning QA

- To make **Annual Report & inspect** the schools of Networked Education
- To **evaluate** all the Learning Centers on the Province-level
- To **test** some fundamental curriculum on State-level (hosted by the Alliance of Networked Education)
- To encourage the **certification** of web-based courses

- Thank you!

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