



国家精品课程资源中心

China National Curriculum Resources Center



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# 国家精品课程的建设与服务

**Construction and Services of the  
China Quality OpenCourseWare (CQOCW)  
(2010 AROOC)**

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# 1. “QUALITY PROGRAM” AND CQOCW

## 1.1 质量工程 Quality Program (QP) –

高等学校本科教学质量与教学改革工程

Teaching Quality and Teaching Reform Program for Higher Education

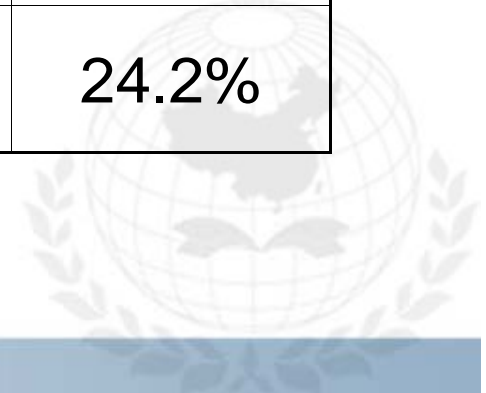
- 背景 Background: From the new century
  - In campus students over 20M
  - Largest scale in the world
  - Gross entrance rate over 17%
  - Enter into “Popularized Stage”
  - Problem of teaching quality drawing big attention by society and government



# 1. "QUALITY PROGRAM" AND CQOCW

## Rapid Development of China Higher Education

	1999年	2003年	2009年
No. of Universities	1,071	1,552	2,305
No. of Students	4.13m	11.08m	21.45m
No. of Teachers	0.52m	0.72m	1.29m
Gross Entrance Rate	10.5%	17%	24.2%



# 1. “QUALITY PROGRAM” AND CQOCW

- 2003年教育部提出高校本科质量工程概念  
In 2003, Quality Program firstly raised by MOE
- 2006年得到国家财政的正式投入支持  
In 2006, QP formally listed in government budget
- 标志着中国高等教育的重心由前一阶段高度重视规模发展，转移到在规模持续发展的同时，更加注重提高质量
- Symbol that Chinese higher education changes from scale-centered to quality-centered



# 1. “QUALITY PROGRAM” AND CQOCW

- Content of QP Execution (2006-2010)
  - 专业结构调整与专业认证
  - 课程、教材建设与资源共享
    - 万本教材工程
    - 4000门国家精品课程 (4000 courses of CQOCW)
    - 国家精品课程集成项目 (CQOCW Integration Project)
  - 实践教学与人才培养模式改革创新
  - 教学团队与高水平教师队伍建设
  - 教学评估与教学状态基本数据公布
  - 对口支援西部地区高等学校



# 1. “QUALITY PROGRAM” AND CQOCW

## 1.2 国家精品课程 China Quality OCW

- **China Excellent Course – with Chinese characters**
- CQOCW started from 2003, as a important part of Quality Program
- 评审标准 Evaluation Standard: first-class of
  - Teaching Group
  - Teaching Content
  - Teaching Method
  - Teaching Textbook
  - Teaching Management





# 1. “QUALITY PROGRAM” AND CQOCW

- **精品课程体系 CQOCW Evaluation System:**
- Three Levels: National-level, Provincial-level and University-level
- Apply level by level, each level selected by specialist committee, honored for 5-year, award certain amount of money ( ¥ 100,000 )
- All teaching content of CQOCW, including: teaching outline, syllabus, courseware, video etc. requested online for free public sharing



# 1. “QUALITY PROGRAM” AND CQOCW

- **建设目标 Goal of CQOCW**

- 4000 National-level CQOCW courses

- 覆盖本科13个一级学科，73个二级学科；高职20个专业大类，84个专业

Covering 73 subjects of undergraduate and 84 specialties of vocational education

- 包含所有本科、高职高专、网络学院课程

Including all universities, e-learning college, and vocational college courses

- 五年滚动复审 5-year period re-evaluation



# 1. “QUALITY PROGRAM” AND CQOCW

- **建设现状 Current Situation of CQOCW**
- National-level CQOCW 4000 courses
  - 628 universities/college honored
- Provincial-level CQOCW nearly 10000 courses
- University-level CQOCW over 20000 courses
- 精品课程建设起到了提高高等教育教学质量、促进优质资源共享的积极作用
- CQOCW have great effect in elevating teaching quality and promoting sharing of high quality teaching resources



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## 2. CQOCW INTEGRATED PLATFORM

- **2.1 国家精品课程集成项目**  
**CQOCW Integration Project**  
– **Sub-project under the Quality Program**
- **Key task of the project:**
  - Establish technical and sharing standard of CQOCW
  - Build centralized platform of CQOCW
  - Build CQOCW repository
  - Set up China National Curriculum Resource Center (CNCRC)
  - Explore sustainable operation model of CQOCW



## 2. CQOCW INTEGRATED PLATFORM

- 2008年5月，国家精品课程资源中心在高等教育出版社成立

In May 2008, CNCRC was set up in Higher Education Press

- 2008年12月，国家精品课程资源网上线运营

In Dec. 2008, CQOCW website put into operation

[Http://www.jingpinke.com](http://www.jingpinke.com) / [www.cnocw.com](http://www.cnocw.com)

- To make CQOCW resources more effective and convenience for public sharing



## 2. CQOCW INTEGRATED PLATFORM

- **2.2 国家精品课程集成项目建设成果（2008-2010）  
Achievements of CQOCW Integration Project**

- 平台集成各级精品课程19,967门

Total CQOCW 19,967 courses in the website

- Including: National-level 3,523 courses, Provincial-level 8,409 courses and University-level 8,035 courses
- Or: Undergraduate 14,060 courses, Vocational College 5,703 courses and E-learning College 204 courses

- Among 3,523 National-level CQOCW

- Undergraduate 2,361 courses, Vocational College 958 courses and E-learning College 204 courses



## 2. CQOCW INTEGRATED PLATFORM

- 提供国际开放课程元数据和链接

Also provide the metadata and web-link of OCW 4,162 courses

- 提供超过百万的优质教学资源

Collect, split and label various teaching resources 1,124,830 items

- 87,016 items uploaded by college teachers
- According to a teaching resources sharing rules

- 在线展示教材，支持在线预览

Display textbook 54,660 titles with sample chapters supporting online preview





## 2. CQOCW INTEGRATED PLATFORM

### 2010年运行情况 In this year 2010

- 网站注册会员超过42万，来自国内超过1100所高校  
Registration members up to 0.42m, from over 1100 universities and colleges of China
- 网站访问人数接近500万人次  
The website visiting IP nearly 5m
- 页面浏览量超过3000万  
The website page-view over 30m



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## 3. FUTURE DEVELOPMENT OF CQOCW

### • 3.1 国家精品课程七年历程评价

#### **Evaluation of 7-year CQOCW Process**

- About 4000 national-level courses and nearly 10000 provincial-level courses have been selected
- China's higher education has made a huge progress in creating qualified courses and resources
- Sharing teaching materials become possible
- Reducing the regional disparities in educational quality
- Accelerating the technology-driven teaching model

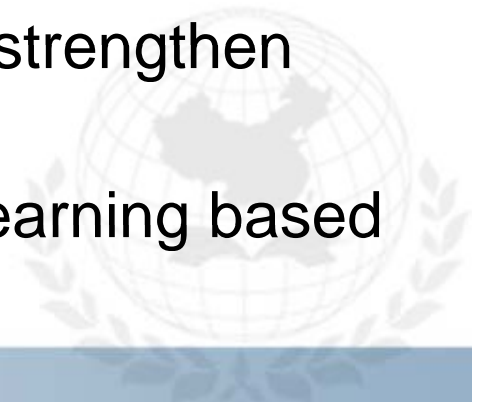


## 3. FUTURE DEVELOPMENT OF CQOCW

- **3.2 中国高等教育未来五年发展要点（中长期纲要）**

### **Key Points of China's Higher Education Development in Future 5 years**

- Elevating teaching quality, quantity of high quality teaching resources continuous increased
- Optimizing structure of subject/specialty, type and level
- Cultivating model innovation, promoting course teaching reform, refreshing course content
- Modernizing teaching method and technique, strengthen network teaching resources public service
- Encourage students active-learning and self-learning based on IT platform



## 3. FUTURE DEVELOPMENT OF CQOCW

### • 3.3 精品课程未来发展方向

#### Future Development of CQOCW

- 解决知识产权问题、探索以CC模式为代表的知识产权管理体系在中国开放教育资源传播中的应用

Solving copyright issues, exploring the Model like Creative Commons to apply in broadcasting of OER in China

- 支持移动终端上的开放学习，支持开放元数据引擎，促进教学资源国际交流，与国际开放教育组织、知名高校积极开展合作
- Supporting open e-learning in mobile devices and open metadata and URL, promoting international cooperation with OER organizations and universities



### 3. FUTURE DEVELOPMENT OF CQOCW

- 实行统一建设与共享标准、完善国家级教育资源公共服务平台，促进优质教育资源开放共享

Establish and implement unified technical standards, perfecting nation-wide public service platform, to realize opening and sharing of quality education resources

- 建立以“非营利性”和“公共服务”为战略思维的资源共享机制有助于公共服务体系的可持续发展

Strategies and policies based on non-profit and public service model will facilitate the sustainable development of open course resources sharing system



## 3. FUTURE DEVELOPMENT OF CQOCW

- 3.4 国家精品课程资源中心发展目标

### The Goal of CNCRC Development

- 1. 实现以国家精品课程为代表的优质教学资源的集中展示和共享

Realize centralized displaying and sharing of CQOCW and other quality course resources

- 2. 建立面向全国高校的教学资源共建共享机制，实现教学资源建设的可持续发展

Validate the “creative common and sharing common” model, assure the sustainable development of open resources in the universities all over China

- 3. 建设面向社会开放、参与、共享的教育资源平台

Build the OER platform that open, participated and shared by the whole society learners





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谢谢各位！  
Thank You!

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