eLearning: a Perspective from the University of the Air

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The University of the Air is an institution for higher education of a new concept and style, and has the following specific objectives.

- Provide widely ranging sectors of society, including professional people, with an opportunity for university-level education as part of their lifelong learning.
- Provide an innovative and flexible system of university-level education to all high school graduates.
- Cooperate with existing universities and make full use of the latest scholarship and educational technology to offer a system of higher education which meets the needs of the present time.
• April 1983 The University of the Air was established.
• April 2001 The University of the Air Graduate School was established.
• A total of 298 broadcast courses are offered in the academic year 2002.
Changes in Enrollment

<table>
<thead>
<tr>
<th>Year</th>
<th>Non-degree Studies (Faculty of Liberal Arts)</th>
<th>Regular Students (Faculty of Liberal Arts)</th>
<th>Non-degree Students (Graduate School)</th>
<th>Master’s Course Students (Graduate School)</th>
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</table>

(person)
e-Japan Priority Policy Program-2002

• Formation of the world’s highest network standards

• Enrichment of education and scholarship and the development of human resources

• Promotion of e-commerce

• Putting administration and public fields on an IT basis

• Ensuring security and reliability of advanced information and telecommunications networks
Promotion of Education / Learning

International comparison

Number of children per PC for education use

- **Japan**: 100.0
- **United States**: 77.0
- **South Korea**: 20.0
- **Japan**: 40.0
- **United States**: 60.0
- **South Korea**: 80.0
- **Japan**: 100.0

Internet connectivity rate of classrooms

- **South Korea**: 21.1
- **United States**: 100.0
- **Japan**: 77.0
Promotion of Education / Learning

• An information tool for school education
• Improve IT-related abilities of all children
• Nurturing of Experts
Expected market size of e-learning in Japan

($million)

- School education
- Corporate education
- Lifetime education

<table>
<thead>
<tr>
<th>Year</th>
<th>2001</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
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<tr>
<td>Sales</td>
<td>69.1</td>
<td>155.4</td>
<td>257.3</td>
<td>361.1</td>
<td>482.8</td>
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<tr>
<td>Growth</td>
<td>17.2</td>
<td>73.1</td>
<td>168.3</td>
<td>227.1</td>
<td>574.1</td>
<td>683.3</td>
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</tbody>
</table>
University Model 1

- Classrooms
- Labs, Offices
- Library
- Professors
- Students
- Students
University Model 2

Student

Professor

Library

Professor

Library
Cyber University

- A Poor Substitute for Classroom Learning?
- Information, Knowledge and Thought
- Real Life Experiences Indispensable