Lessons from the History of Online and Distance Learning:
Simple Concepts to Guide us into the Future

Sir John Daniel, O.C.
École Polytechnique Université de Montréal
Sir George Williams University, Montreal, 1970
Crashing into online learning: a report from five continents – and some conclusions

“THE RESULTS ARE NOT PRETTY”
(Blog April 26, 2020)
TODAY’S TOPICS

Trios:
- The Iron Triangle
- The Three-legged stool

Dyads:
- Independence | Interaction
- Synchronicity | Asynchronicity
The Challenge for Education

- ACCESS (wider)
- QUALITY (higher)
- COST (lower)
The Iron Triangle

- ACCESS
- QUALITY
- COST
The Iron Triangle

COST

ACCESS

QUALITY

COST
The Iron Triangle

ACCESS

QUALITY

COST
The Iron Triangle
“an insidious link between quality and exclusivity”
The Challenge for Education

- ACCESS (wider)
- QUALITY (higher)
- COST (lower)

...all at the same time!
Principles of Technology

• Division of labour
• Specialisation
• Economies of scale
• Machines and IT

Adam Smith
1723-1790
• 170,000+ students
# BRITAIN’S TOP UNIVERSITIES

## Quality Rankings of Teaching

<table>
<thead>
<tr>
<th>Rank</th>
<th>University</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CAMBRIDGE</td>
<td>96%</td>
</tr>
<tr>
<td>2</td>
<td>LOUGHBOROUGH</td>
<td>95%</td>
</tr>
<tr>
<td>3=</td>
<td>LONDON SCHOOL OF ECONOMICS</td>
<td>88%</td>
</tr>
<tr>
<td>3=</td>
<td>YORK</td>
<td>88%</td>
</tr>
<tr>
<td>5</td>
<td>THE OPEN UNIVERSITY</td>
<td>87%</td>
</tr>
<tr>
<td>6</td>
<td>OXFORD</td>
<td>86%</td>
</tr>
<tr>
<td>7</td>
<td>IMPERIAL COLLEGE</td>
<td>82%</td>
</tr>
<tr>
<td>8</td>
<td>UNIVERSITY COLLEGE LONDON</td>
<td>77%</td>
</tr>
<tr>
<td>9</td>
<td>ESSEX</td>
<td>77%</td>
</tr>
</tbody>
</table>

…and tops for student satisfaction
Costs 60 - 80% of conventional
Distance Learning: a three-legged stool
Distance Learning: a three-legged stool

- Student support
- Admin/logistics
- Learning materials

student
Conducting a College through COVID-19: The Evolving Leadership Challenge

Articles/presentation at www.sirjohn.ca
Distance Learning: a three-legged stool.
StUDENT SUPPORT

- Academic
- Administrative
- Cultural
- Social
Distance Learning: a three-legged stool

- Student support
- Admin/logistics
- Learning materials
- Learning Management System
- Online options (ZOOM, etc.)
- Efficient registry
- Helplines and responses to e-mail

ADMINISTRATION & LOGISTICS
Distance Learning: a three-legged stool

- Student support
- Admin/logistics
- Learning materials
Part Two

Independence and Interaction

Synchronicity and Asynchronicity
Sir George Williams University, Montreal, 1970
Open to:

People

Places

Methods

Ideas
Lord Walter Perry
Founding Vice-Chancellor

The Open University

Advice
- Pilot of 300

Decision
- Admit 25,000
COST

ACCESS

QUALITY

COST
UKOU – BBC partnership

“Earning a degree by watching the telly”
UKOU – BBC partnership

Worldwide audience of billions
A regional network with thousands of tutors
Independence and Interaction
Independence and Interaction

Getting the Mixture Right
Interaction

a slippery concept
Correspondence Education

“A guided didactic conversation”

Borje Holmberg
Independence and Interaction

Synchronicity and Asynchronicity
Cambridge University: All lectures to be online-only until summer of 2021
MOOC – Every letter is negotiable!
A record 13.6 million visitors this year, up from 8.9 million the year before.
Independence and Interaction

Synchronicity and Asynchronicity
Lessons from the History of Online and Distance Learning: Simple Concepts to Guide us Into the Future

Sir John Daniel
odlsirjohn@gmail.com
www.sirjohn.ca

THANK YOU