



Literature: DL training for elderly people

- acilitated by
- learning program for the elderly be strongly facilitated by peer support as well as having a jointly planned content that is tailored to the needs, motivation, and ability of learners (Naumanen and Tukiain, 2010)
- younger age group made fewer errors, while the older group tended to have forgotten factual information they learned during the training sessions (Echt, Morrell, & Park, 1998)
- beginners' perceived self-efficacy tended to improve, while additional training for those who already had a certain level of DL skills did not lead to improvement (Wong, Chen, Lee, Fung, & Law, 2014)
- =>acquisition of DL skills is negatively associated with the age of the learner

Digital Literacy Training Session Overview

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- Set up a face-to-face session "The Personal Computer for Beginners" with one credit (2010)
- Offer at least once a year at each of 50 study centers all over Japan
- Initially taught by the fulltime faculty, then entrusted to local adjunct faculty + assistants
- Use common syllabus and common textbook (originally developed)
- 12-hour intensive session with hands-on training
- Measure student DL skills using pretest and posttest in-class checklist to asess learning outcomes

Digital Literacy Training Session Common Syllabus

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This hands-on training session is for students to learn to use a PC for the first time. It includes learning how to use the keyboard and mouse, how to find information on the Internet, how to use e-mail, how to use Word to write assignments, and how to manipulate PowerPoint to create a presentation with tables and figures. Students will be able to access broadcast television and radio courses online, learn to access Wakaba for course registration and examination results, and to utilize Digital Library Services.

Digital Literacy Training Session Learning Goals

- improve students' PC and Internet (Web) skills.
- prepare students to take online courses, and
- facilitate students' use of online course registration and administrative procedures.



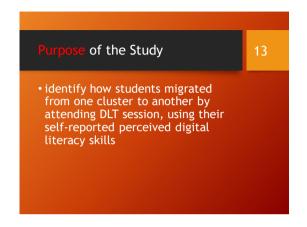
Digital Literacy Training Session Contents Lecture title Description of

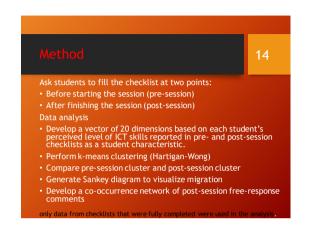
	Lecture title	Description of lecture			
Lecture 1	How to use PC (keyboard & mouse)	How to manipulate PC and mouse to input data			
Lecture 2	Introduction to WORD	Basic operation of word processing software using Word			
Lecture 3	Web and e-mail	How to use browsers, Web search engines and e-mail			
Lecture 4	Security and etiquette	Knowledge on security and etiquette required for using PC			
Lecture 5	Wakaba and library service	How to use the student information system Wakaba and library online services			
Lecture 6	Advanced use of Word	Functions of word processing software for writing reports and essays			
		Preparation of presentation materials and classroom presentation using PowerPoint			
Lecture 8	Guide to further study	Access to television and radio courses or PC, Web-based learning system, and OU. self-learning site			

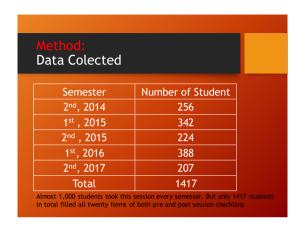
Digital Literacy Training Session Cheklist (20 learning goals) Likert scale (5 points)

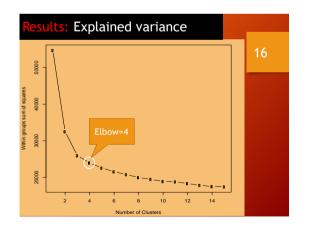
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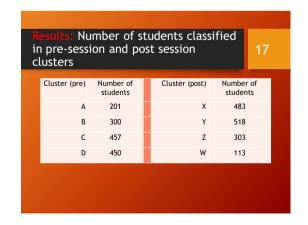
Item	Learning goals	Item	Learning goals			
1	Boot, log on, and log off study center PC	11	Answer Web-based trial exam questions			
2	Input Japanese letters using Word	12	Check out books using OUJ's Online Public Access Catalog			
	Run application software	13	Counteract computer viruses			
4	Access OUJ Website	14	Explain etiquette for using the Internet			
5	Search for information using search engine	15	Compose a simple essay using Word			
6	Exchange e-mails using OUJ account	16	Write and print out own documents			
7	Change own password at OUJ	17	Copy, save, delete, and move files			
8	Access OUJ courses on the Internet	18	Create 5–6 slides using PowerPoint			
9	Send questions on the OUJ Q&A site	19	Perform presentation using PowerPoint			
10	Track own records on Wakaba	20	Use online self-learning site			

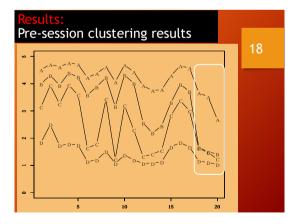


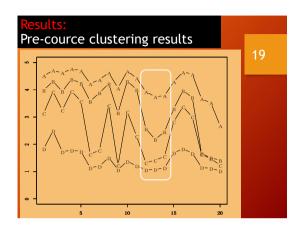


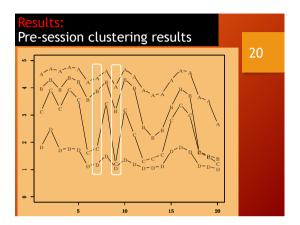


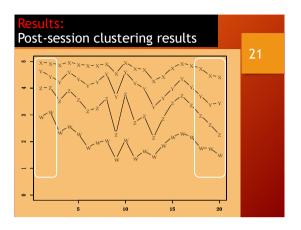


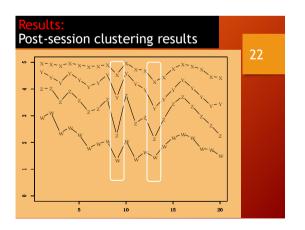


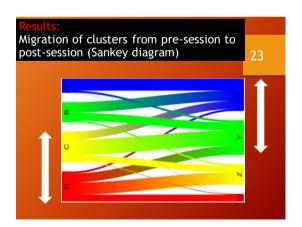












Resu Num		24				
Post Pre		Х	Y	Z	W	total
A	number mean age	177 (40.8)	31 (44.0)	2 (48.0)	0 (-)	210
В	number mean age	156 (43.1)	121 (48.1)	21 (48.6)	2 (51.5)	300
С	number mean age	120 (46.5)	230 (50.5)	98 (55.6)	9 (60.4)	457
D	number mean age	30 (51.1)	136 (55.2)	182 (60.1)	102 (63.5)	450
Total		483	518	303	113	1,417

