

(R)Evolutionary Drid

First Wave of Distance Education (DE): Correspondence / Independent Study (1840's)

Forms	Technology	Pioneers of Modern DE	Delivery Means	Teaching and Learning Methods	Key Researchers and Authors
	<ul style="list-style-type: none"> - 1921—First educational radio licenses issued by federal government - 1926—CNRV broadcast directly to Point Grey School for the Deaf and Blind -1930 CBS/NBC development of educational radio - 1941—United States Army correspondence education programs begin at Penn State 	<ul style="list-style-type: none"> -International Correspondence Schools, USA, founded in 1891, - Wolsey Hall, England (1894), - the American School, USA (1897) - Hermods, Sweden (1898) (Holmberg, 2005, p.32). -in Germany, in 1856, Gustaf Langenscheidt founded the first letter-based language course - Borje Holmberg's theory of guided didactic conservation or empathy in DE/course materials and feedback can be written in friendly tone - Tony Bates-1960s Open Universities/UK /aim - provide high quality education 25,000 students enrolled/completion rates high 	<ul style="list-style-type: none"> -Inexpensive printing -Postal delivery -Railroads -Radio - News 	<ul style="list-style-type: none"> -Correspondence -Radio -Guided reading and testing - written course material -Teacher sympathy -Real and simulated (written) -conservation between learner and tutor or educational institution -Individual studies 	<ul style="list-style-type: none"> -Battenberg's (1971, p.44) notion of a private art's class through letter-based instructions -Guri-Rozenblit (1993, p.289), main attributes of distance education "involve the physical separation of learner and instructor -Logan et al (2002) point out "mailed correspondence courses" -Holmberg (2005, p. 13) identifies the British "Sir Isaac Pitman Correspondence College" of the 1840s -Pitmans concept attracted "a legion of far-flung learners" (Phillips, 1998, p.41). -in Germany, in 1856,

					Gustaf Langenscheidt founded the first letter-based language course
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Second Wave: Systems Approach to Education / Distance Teaching Institutions (1960's)

F o r m s	Technology	Pioneers of Modern DE	Delivery Means	Teaching and Learning Methods	Key Researchers and Authors
	<ul style="list-style-type: none"> -Systems Approach (Bates, 2011) -Development of a Model of DE (Bates, 2011) -Distance education system -management of DE course design - Organization of professional Conferences -Publication of scholarly Journals -Establishment of professional organizations (regionally and Internationally) -DE develops as a major form of education Education -Industrialized Institutions Forms 	<ul style="list-style-type: none"> - the Soviet Union, implemented widespread correspondence course-based distance education by 61 universities in the 1920s (Tutt, 2013). - University of South Africa –UNISA oldest DE teaching university -In 1921, the Latter Day Saints' University of Salt Lake City was endowed with the first educational radio license (Moore and Kearsley, 2011, p.29). - British Open University in September, 1968, created by act of Parliament (20- people staff) (Bates, 2011). - the National Extension College in Cambridge (1969) -profit organization working with BBC to broadcast learning material (Bates, 2013). -London University external 	<ul style="list-style-type: none"> -the invention of radio broadcasting and television in the 1920s and 1930s (Tutt, 2013). - Colleges using BBC to provide adult education courses by television and correspondence (Bates, 2011). -television programs and texts -a significant focal shift to electronic media (turning towards cyberspace) (Tutt, 2013). 	<ul style="list-style-type: none"> -multimedia approach combining radio programs, television programs, and specially designed printed materials (Bates, 2011). -interdisciplinary courses/integrated multimedia approach to teaching (Tutt, 2013). -Telephone -Computers asynchronous communication Databases -Web surfing -Tele-Communications (DE design/ Development -Teaching CD ROMs -Audio/video Cassettes 	<ul style="list-style-type: none"> -Peters -Holmberg -Shale -Wedemeyer - Walter Perry (Bates, 2011) - Tony Bates -Moore and Thompson (1990)

	-Large open Universities Emerge (Bates, 2011).	Degree (Tutt, 2013). -Open Learning, American Journal of Distance Education (Tutt, 2013).			
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