Access, flexible, 13, 160, 166, 234	formative, 104, 157–160
Action learning approach, 207, 224	learning-oriented, 262, 390
Activity theory, 4, 113, 123	online, 153, 159, 164–165
Activity theory, 4, 113, 123 Activity(ies), 3–10, 13, 18, 21–24,	
* * * * * * * * * * * * * * * * * * *	Attentional theory(ies) of
26–28, 32–34, 38–45, 47, 49,	engagement, 70–71
88, 90, 93, 101–103, 108,	Attrition, 7, 127, 208, 234–236, 242
115–116, 119, 121, 123–124,	Autonomy, 18, 77, 114, 117,
147, 149–158, 160–162, 164,	119–121, 124, 130, 134–136,
166, 169–170, 176–178,	157, 295, 382
180–182, 185, 188, 194, 201,	Awareness, 15, 31, 35, 105, 126–128,
209, 212, 219, 224, 236–241,	133, 339, 352, 354–355, 387
243, 245–247, 250, 252–256,	
262–263, 265, 267–269,	Bachelors of Science and Teaching
271–278, 280–281, 290, 294,	(degree program), 89
296–299, 348, 350, 363–366,	Behaviorism, 151
369, 374, 376–377	Blackboard (online learning
Adult education, 224, 389	management system), 89, 95,
Adult learner, 222, 224, 234, 243,	98, 293, 296–297, 300, 313,
389	340, 342
Affective domain, 149	Blog(s), 5, 21, 24–25, 90, 102, 183,
Affordance(s), of technology, 27,	247, 272, 275, 277, 280–281,
104, 146–147, 152–153,	360, 366
155–156, 159, 167, 169	Blogging, microblogging, 7, 296
Animation, 91–94, 96, 98, 100,	
103, 183	Canada, 362, 387, 392, 397
Assessment, 11–12, 19, 27–28, 40,	Capital, social, 118, 127–128, 132
42, 47, 83, 85, 90–93, 95,	Champion(s), academic, 13, 251
97–99, 102–109, 150–151, 153,	Change management, 12, 15, 195,
155, 157, 159–160, 164–165,	210, 359–362, 367–368, 372,
183, 185, 212, 214–215, 218,	379, 381
220–221, 262, 270, 272,	Channel(s) for communication, 118,
277–280, 390, 393	162, 367, 378, 380

Chat, 9, 22, 24–25, 39, 125, 179, 189, 202, 205, 209, 218–220, 222, 247, 292, 296–297, 300, 366, 376–378	Content, 5–6, 9–10, 15, 26, 32, 35–36, 39–42, 60–78, 83–84, 86, 88–89, 95–97, 100–104, 120, 122, 125, 130, 132,
Classroom(s)	150–151, 154, 156, 159,
virtual, 24, 38, 45, 340	163–165, 168, 178–181, 183,
Code of conduct, 350	186, 205, 208–209, 212,
Co-design, 14, 202, 263, 280, 294	215–216, 236–237, 239–243,
Cognitive domain, 149	245, 247, 249, 251–252, 254,
Collaboration, 5, 9–10, 13, 15,	256, 276–277, 279, 289,
21–24, 28, 35–36, 40, 42–43,	293–294, 296–298, 349–350,
48, 115, 118, 124, 126, 129,	352, 354, 367, 371, 373–374,
131, 134, 136, 147, 166–168,	377–380, 383
224, 239, 249, 251–253, 259,	control, 63, 67, 76
267, 270, 275–276, 288–291,	knowledge, 6, 15, 86, 103, 377
294–297, 299–300, 360,	narrative, 229, 241, 243
366–368, 371, 373–376, 379,	scaffolds, 294
381–383	Context(s)
tool(s) for, 183, 300, 325	interactional, 267
Communication channel(s), 118,	participatory, 280
162, 378	Control, 9–11, 25, 31, 35–37,
Community(ies)	40–43, 45, 47, 49, 59–79,
of inquiry, 129–130	119–120, 125, 176, 187,
Concept(s), 6, 13, 23–25, 27–28,	191, 207, 243, 262, 343–344,
38–41, 45, 67–68, 70–71,	352, 394
86–87, 93–94, 101, 103, 124,	advisory, 63–64
128, 147–153, 154–155,	of content, 63, 67, 76
158–161, 163–164, 166–170,	of guidance, 63–64
183–184, 208, 237, 242, 262,	instructional, 10, 61-62, 71-72,
265, 267, 271–272, 275, 277,	74, 76–78
289–290, 292, 294, 343,	of learner(s), 10, 40–42, 59–79
362–365	of location, 65
Confidentiality, 14, 339–341,	of pace, 62–63
343–344, 348–349, 351–355	perceived, 394
Connectivist theory, 131–133	of scheduling, 10, 61, 64–65,
Connectivity, 11, 84, 113–117, 119,	71–78
121, 123, 125, 127, 129–133,	of sequence, 63, 67, 74
135, 137	subjective, 66–67
Constructivism, 8–9, 34, 153, 262,	of time, 65
268, 288–289	Co-producer(s), 276

Course design, 5–11, 14, 18–20, 26–27, 30, 32, 34–35, 42–43,	of curriculum, 14, 84, 146, 151, 262–280
145–147, 155–157, 159–160,	of learning, 21, 26, 32, 50,
171, 203–205, 207–211,	135–136, 146–153, 155–156,
213–215, 218, 221, 223–224,	159–164, 166–171, 262, 267,
229, 287–289, 292–296,	277, 279, 281
299–300, 302–304, 359, 361,	of online course(s), 10, 20, 34–35.
364–365, 368, 370–371, 373,	300, 368
378–383, 396	of training, 60, 69, 78–79
blended, 145–171, 292,	Design control, 64
295, 303	Design methodology, 203, 205
intentional, 381–383	Development, 4, 8, 13–14, 25,
Course outline(s), 350, 353	47, 84, 91, 93, 106, 128–129,
Culture, 8, 21, 29, 35, 37, 41–42,	136, 145–151, 153, 155–158,
157, 168, 170, 195, 200–201,	160–163, 165–171, 178, 182,
266, 268, 271, 375	190, 199–206, 208–209,
Curriculum, 84, 86, 90, 95, 107, 109,	211–212, 222–224, 229,
146, 149, 151, 161, 163, 169,	231–232, 234, 236–238,
262–280, 342	241–242, 244, 247–248,
202 200, 312	250–251, 255, 258–259,
Data protection strategy(ies), 352	262–263, 266–269, 271,
"Deep" vs. "surface" learning, 150	274–276, 281, 287,
Delivery, flexible, 237, 250	289–291, 294, 296–297,
Delivery of module(s), 212–213	304, 362, 369, 374,
Design, 4–7, 10–14, 17–21, 24,	376, 379, 387–391,
26–27, 29–33, 35, 37–38,	393–398
41–50, 60–62, 64, 66, 71, 73,	collaborative, 165
75, 78–79, 84, 86, 99, 120–121,	of faculty, 167, 169–170
129, 135–136, 145–152,	The dialogic shamrock, 13–14,
154–157, 159–164, 166–171,	262–263, 265, 267, 272–273,
199, 202–215, 218–224, 229,	275–280, 281
238–239, 241, 245, 252, 255,	Dialogue, 5, 7, 22, 119–122,
257, 261–263, 268, 275, 277,	124, 130, 134–135, 158, 203,
279–281, 287–289, 292,	244, 262, 267, 272, 276,
294–296, 298–300, 302–304,	279–281
341, 359–362, 364, 368,	Digital portfolio, 89, 97, 99,
370–371, 373, 375, 377–379,	102–105, 108
381–383, 387, 391, 393, 396	Discourse, 25, 129, 147, 166, 263,
of control, 64	266, 281, 360
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·

Discussion, 12, 20, 29, 35, 40, 42, online, 38, 49, 114, 122, 176-178, 73-74, 76-77, 93, 95, 98, 180, 205 104-105, 129, 134, 148, 158, Educational resources, open, 237 166, 175, 177–181, 183–196, Educator(s), 13, 19, 21, 60–61, 63–64, 209-211, 215, 223, 248, 253, 66, 72, 78, 107–109, 125–126, 256, 270, 272, 276, 278, 280, 153, 178, 201–202, 222, 292, 296–297, 300, 341–342, 262–263, 265–266, 268–270, 344, 348–352, 354, 360–361, 272–273, 275–281, 289 366, 373–376, 378 E-learning, 3, 10, 12–14, 17, 36, forum, 76, 175, 177, 179, 181, 59–60, 64–66, 68, 72, 75–76, 196, 272, 280, 342, 350–351, 78, 83, 113, 145–148, 151–152, 156–157, 161, 163, 165, 167–171, 175, 178, 199, 202, quality, 12, 189, 192–193, 196 204, 212, 214, 219–220, Distance learner, 65, 114, 122, 124, 126, 132–134, 241–242, 245, 223–224, 229, 231–232, 248, 255, 279, 363 237–238, 250, 261, 287, 289, 339–341, 345, 351, Distance learning, 11, 22, 113–122, 124–138, 217, 230–232, 234, 354, 359, 364, 375, 387, 236–237, 242–244, 258 390-391, 396 Distance learning, history of, Engagement, 3, 5, 7–12, 14–15, 17-20, 22, 25, 31-34, 36-43, 116-119 Document, collaborative, 293, 296, 45–46, 49, 59–61, 63–65, 67-73, 75, 77-79, 83-87, 89, 300, 303 91, 93, 95–99, 101–103, 105, Domain, 35, 70, 88, 97, 149, 266, 107–109, 113–114, 123, 275–276, 281, 381 128–129, 145–147, 149–157, Education, 3, 12–13, 16–18, 20–21, 159–163, 165, 167, 169–170, 27, 29, 34, 38, 49, 59, 66, 71, 175–178, 182–184, 190, 77–78, 83–86, 90–92, 106, 192–196, 199, 202, 204–206, 113–117, 122–124, 137, 211-212, 215, 220, 223, 229, 145–147, 149–150, 153, 156, 236–237, 240, 244, 253, 261, 162, 167, 169–171, 175–178, 265–266, 269–277, 279–281, 182, 196, 199–202, 205, 208, 287, 290, 294–296, 339–342, 212, 216, 218, 224, 229–231, 345–346, 350–352, 354–355, 233–235, 243, 248, 258, 261, 359–361, 364, 366–368, 370, 263–266, 268, 270, 276, 280, 372, 377, 379–383, 393 287, 292, 295, 339–344, attentional theory(ies) of, 70 353–355, 359, 362–367, 375, behavioral, 128 381–382, 387–391, 393–397 of entrepreneurs, 199–224 executive, 178 of learner(s), 5, 123

```
of student(s), 12, 14, 41, 108, 147,
                                       Facilitator(s), 27, 178, 262, 273,
      152, 160, 177–179, 182–184,
                                              278, 280, 295, 362, 378, 380
      190, 193–196, 202, 205, 212,
                                       Feedback, from student(s), 255
      236, 275, 279, 281, 290, 295,
                                       Flexibility, 10, 12, 45–46, 60, 64–65,
      341, 345–346, 350–351,
                                              71, 75, 79, 102, 114, 119, 161,
                                              165, 178, 184, 195, 199, 202,
      354-355, 381-383
 with industry, 12, 202
                                              208, 232, 237, 340, 361,
 Web 2.0, 34–37, 38, 206
                                              364–365, 379–381
Environment, 4–5, 7, 9, 14–15, 20,
                                          of access, 75
      24–25, 27, 29, 32, 35–36, 41,
                                          of delivery, 237
      45, 47, 64, 66, 68, 71, 75, 98,
                                       Forum(s), 24, 76, 177, 179–181, 187,
      108–109, 115, 119–120,
                                              196, 212, 215, 217–218, 247,
      123–124, 128–132, 165,
                                              272, 280, 292, 342, 346,
      178–179, 184, 202, 206, 209,
                                              350–351, 353, 360
      212, 214–215, 219, 229–230,
                                       Framework(s), 5–6, 8–9, 11, 13,
      236, 239–246, 250, 255,
                                              60, 66, 69, 71, 74, 76–78,
      262–263, 267, 270, 273–274,
                                              86–88, 89, 96, 116, 121–122,
      276–277, 281, 288, 290, 299,
                                              130–131, 134, 137, 150,
      339–341, 343–347, 350–351,
                                              154–155, 159–160, 261–281,
      353–355, 361, 365, 370, 372,
                                              295–296, 299, 361, 363,
      377, 379–381
                                              365, 383
Exchange, social, 7, 126, 128, 133,
                                       Freedom, 9, 21, 67, 352, 375
      135
Experience(s), 3–6, 8, 10, 12, 15, 19,
                                       Generation(s), 4, 12, 20, 23,
      34, 38–40, 41, 44–45, 47, 49,
                                              117–118, 126, 138, 149, 151,
      60, 63–64, 66, 75, 78–79,
                                              168, 171, 251, 263–265
      84–85, 89–90, 96, 104,
                                       Graduate profile(s), 155, 157,
      107–109, 114–115, 119–126,
                                              162–163, 167
      128–130, 132, 134–135, 137,
                                       Group work, collaborative, 14,
      147, 149, 151, 154–155,
                                              287–304, 307–308
      157–160, 162, 164, 168, 170,
                                       Group(s), 6–7, 10, 14–15, 21–23, 27,
      176, 178–180, 184–185,
                                              33–34, 39, 42, 48–49, 68–69,
      189–195, 202, 207–209,
                                              89, 93–94, 97–99, 101,
      211, 213, 215, 217–218,
                                              104–105, 109, 127, 136, 150,
      221–224, 230–234, 236–243,
                                              152, 158, 160–162, 165,
      245, 248, 250–254, 256, 259,
                                              178–179, 182–189, 191,
      262, 264, 271, 275–279, 293,
                                              208–209, 214–217, 219–223,
      323, 340, 342, 347, 351, 355,
                                              238, 241, 243–244, 246–247,
      360–361, 364–371, 373, 376,
                                              251, 254–255, 259, 262–263,
      380-381, 383
                                              266–272, 274–278, 280,
```

287–304, 307, 314–320, face-to-face, 134, 163, 291–292, 323–324, 330–333, 351, 354, 364 362, 366–367, 370–371, 373, learner-centered, 224 375, 377, 383 supplementary, 163 Guideline(s), implementable, 13 Instructional design, 10, 17–19, 26, 31, 33, 60–61, 66, 75, 78–79, Higher education, 3, 13, 17–18, 27, 120, 135, 137, 152, 155, 239, 59, 83, 113–117, 123, 137, 145, 241, 361, 369, 373, 377, 387 156, 175, 182, 199, 224, leadership, 10, 17–50 229–231, 233, 248, 258, 261, Instructional science, 46 Integration, 15, 18, 38, 84-85, 107, 263–266, 270, 276, 280, 287, 339, 359, 363, 366–367, 136, 155–156, 202–203, 381-382, 388-390 211–222, 268, 359–361, 363, 365, 370, 376, 381, 393 ICT. See Information and Interactivity, 9, 23–24, 32, 176, communication 178–179, 194, 209 technology(ies) Interview methodology, 345–347 Induction, 202–204, 212, 218–219, Involvement, psychological, 128 224, 240, 242, 247, 257 Industry engagement, 12, 202 Knowledge, pedagogical, 5–6, Information and communication 86–87, 89, 96, 100, 103 technology(ies) (ICT), 11, Knowledge management, 160, 83–99, 101–102, 105, 107–109, 162–163, 167, 201, 395–396 147, 151, 159, 163, 166 Knowledge sharing, 270, 371, 382 Information security, 14, 352 Infrastructure, 136, 177, 206, Landscape(s), 10, 133, 230, 237–238, 263-264, 388, 396 263, 276, 293, 304 Innovation, 12, 29, 115, 130, Learner autonomy, 114, 117, 157–158, 160, 165, 167, 171, 119–121, 124, 134, 136 201, 203–204, 206–208, 210, Learner(s) 223, 232, 236, 263, 361, 368, distance, 65, 114, 122, 124, 126, 381, 383, 388–389, 391, 132–134, 241–242, 245, 248, 393–395 255, 279, 363 Instruction, 10, 15, 26–27, 46, need(s) of, 383 84–85, 114–115, 119–120, 122, new constituencies of, 232 133–134, 148–150, 152, 158, nontraditional, 363, 365 163, 245–246, 268, 291–292, professional, 13, 229, 233-234, 295, 340, 382, 387, 391, 397 235, 241, 244, 256, 278, 380

Learner centrality, 224

embedded, 163

Learning, 3–28, 30–50, 59–61, 63–66, 68–72, 74–79, 83–87, 89–99, 101–103, 105–109, 113–138, 145–171, 175–179, 181–184, 186–187, 189–196,	235–238, 240–241, 244–248, 249, 252–253, 265, 290–293, 297, 340–345, 346–347, 353, 355, 363–364, 369–370 peer, 42, 182, 212
199, 201–205, 207–209,	problem-based, 12, 15, 34, 151,
211–224, 229–250, 252–256,	199–224, 359–384
258–259, 261–281, 287–293,	safety of, 340, 349, 355
295, 297–304, 339–355,	self-regulated, 7
359–383, 387–394, 396–398	social, 3-9, 13-16, 20, 25, 48, 50,
active, 6, 10, 22, 34, 44, 137, 167,	123, 126, 182, 266, 268, 271,
263, 267, 273, 276, 281, 362,	276–277, 281
365, 377	structure of, 134
asynchronous, 7, 208, 374	technology(ies), 3–16, 83–109, 169,
authentic, 6–7, 9, 41, 153, 263,	237, 241, 249–250, 259, 341, 355
268–269, 272, 280	Learning environment, 3–5, 7, 9, 11,
blended, 3-16, 146-148, 152, 157,	14–17, 20, 25, 27, 32, 59, 64,
163, 202, 205, 208–209, 211,	66, 75, 83, 113, 115–116,
218, 222–223, 231–235,	119–121, 123–130, 132–137,
237–238, 241, 250, 255, 258,	145, 151, 153–154, 156, 175,
262, 276–277, 290, 293,	178, 184, 199, 202, 209, 212,
363–364, 376	219, 229–230, 236, 239–241,
classroom-based, 76	244, 246, 250, 261–263, 267,
collaborative, 3, 13, 34, 156, 183,	273–274, 276–277, 281, 287,
261–281, 289–290, 363, 365,	291, 339–341, 343, 345–347,
383	350–351, 353–355, 359, 361,
constructive, 278, 362	370, 387, 397
contextual, 6, 359, 362, 365–366	Learning, active, 6, 10, 22, 34, 44,
deep, 150	137, 167, 263, 267, 273, 276,
distance, 11, 22, 113–122,	281, 362, 365, 377
124–138, 217, 230–232, 234,	Literacy(ies)
236–237, 242–244, 258	academic, 11-12, 145-171
hybrid, 3, 363–364	digital, 147, 161–162, 236
individual, 193	of information, 146, 154, 163–165,
of mastery, 12, 151, 166, 170	168
mobile, 11, 75–76	
online, 12-14, 21-22, 32, 34,	Managed learning environment
37–42, 43, 89, 95, 106, 109,	(MLE), 263, 275–276, 278
114, 129, 134, 136, 157, 178,	Management education, 196, 397
208, 212, 222–224, 231–232,	Marginalization, 135

Massive open online course(s) Pedagogy, 9, 11–12, 44, 86, 88, 91, (MOOC), 65, 75–77, 137 93, 101, 104, 107–108, 117, Masters of Public Administration 131, 147, 160–161, 167, 169, 177–178, 181–182, 185, 195, (MPA, degree program), 346 Master's of Teaching (degree 224, 367, 374, 379, 390, program), 109 394-396 MLE. See Managed learning Pedagogy 2.0, 161, 167 environment Perspective(s), of students, 38, 340 Model, mental, 27, 367–368, 374 Philosophy, andragogical, 207, 224 Modelling, of behaviour, 94 Planned behavior, theory of, 60, 66 Moderator(s), 12, 175–196 Planning, of resource(s), 223–224 role of, 12, 175–176, 179 Podcast, 96, 100, 272, 275, 280 MOOC. See Massive open online "Positional shift", 12, 182, 195 Practicum(s), 11, 84-85, 89, course(s) Moore, M.G., 116, 119-124 104-105, 107-109 Motivation, 4, 6, 66–67, 78, 127, Presence, 6–7, 11, 22, 24, 36, 39–41, 133, 135, 150, 154–155, 158, 43, 45, 66–67, 75, 113–114, 160–163, 175–176, 179, 181, 116–118, 124–131, 134, 216, 290, 362, 371, 380 136–137, 152, 155, 178–179, 182, 184, 190, 193–194, 239, Net Generation, the, 4, 264 242–243, 245, 252, 289–290 social, 6–7, 11, 113–138, 178–179, Online Human Touch (OHT), 234, 184, 290 of teacher(s), 45, 129–130, 134 242 Online strategy(ies), appropriate, of tutor(s), 239, 242–243, 245, 252 10, 30 Pre-service, 83–90, 96, 102, 104–105, 107–109, 393 Paradigm shift (in education), 134, Prezi (presentation technology), 90, 94, 99, 102, 108 Participation, 5, 7–9, 14–16, 22, 40, Privacy, 10, 14, 47, 126, 195, 86, 97, 113, 116, 122–123, 131, 339–341, 343–355 136, 165, 176, 188–189, 191, university policy(ies) on, 14, 354 194, 231, 254, 256, 266–267, Problem-based learning (PBL), 12, 269, 271–276, 280–281, 287, 15, 34, 151, 199, 202–205, 291, 342, 345, 348, 350–351, 207–209, 211–224, 359–383, 354, 366 391 Participation, voluntary, 153, 158 blended, 12, 199–224, 361, 365, Partnership(s), 247, 262, 280–281, 374 293 hybrid, 361, 364–365 PBL. See Problem-based learning offline, 15, 361, 363

online, 15, 360–370, 372, 376, Safety, psychological, 345, 368, 382 378–381, 383 Satisfaction, of student(s), 14, 230, Professional graduate program(s), 299–301, 303–304, 332 341 Scaffolding, 36, 150, 155, 160–162, 164, 294, 296 Quality standard(s), 236–240 Scaffolds, 14, 287–288, 293–296, 299-300, 303-304 Reaction(s) (learners, students, metacognitive, 294, 296–298 trainees), 19, 68, 193 Scenario(s) Recognition of prior learning "messy", 208 (RPL), 212, 218 real-life, 208 Representation, 11, 42, 83, 87–88, Scholarship of teaching and 90–91, 93, 108, 125–126, learning (SoTL), 137, 170 161, 380, 394 Science, 11–12, 35, 46, 83, 85–97, Representation construction 99, 101–103, 105, 107–109, approach, 83, 87–88, 90, 148–152, 157, 159, 166, 93, 108 179, 202, 278, 387–390, Representational challenge(s), 393–396 83–109 Self-determination theory, 60, Research, in learning, 171, 222 67-68, 72Resource(s), 11–12, 23, 28, 65, Skills, transferable, 145, 157, 160, 69–71, 74, 84–86, 88–90, 383 94–96, 99, 103–106, Social media, 3, 48, 76, 118, 127, 146, 149, 152–153, 125, 127, 132, 135, 153, 157–159, 161, 166–167, 170, 183, 210, 247, 277, 170, 183–184, 201, 208, 340, 344, 396 214, 217, 219, 223, 237, 239, SoTL. See Scholarship of teaching 243, 245–247, 251–254, and learning 257–259, 264, 270, 276, Strategy(ies), online, 14, 25, 287 278–280, 289, 292, 294, Student moderator(s), 180, 184, 316, 353, 364 186–188, 191, 194–195 Retention, 3, 15, 17, 38, 59, Student(s) 70, 77, 83, 113, 127, 145, 167, contributing, 153, 167, 175, 177, 199, 208–209, 229, distance, 124 234–236, 243–244, 257, 261, inhibitions of, 189–191, 195 287, 339, 359 online, 175–176, 179, 182, 237, Role(s) 342, 344 of facilitator, 380 Study(ies), pilot, 180, 202, 213–217 RPL. See Recognition of prior Success, of student(s), 14, 290, learning 299–300, 302–304, 336

Support, 4, 7–8, 10–11, 13, 18, 20, 22–23, 36, 38, 42, 72, 84–85, 93, 98, 109, 115, 120–121, 123, 147–148, 150–151, 153, 155, 159, 161, 165–167, 171, 201, 204–205, 209, 212, 214, 217, 219–221, 223–224, 230–232, 236–238, 240, 242–244, 246–252, 255, 259, 263–265, 270, 272, 275–280, 288–289, 291, 293–296, 304, 360–361, 369, 371–373, 375–381, 383, 387–389, 393	235–236, 239, 241–242, 244, 247–248, 250–254, 257–259, 266, 268, 278–279, 281, 287–289, 292, 295, 297, 341, 354, 367–372, 388–391, 393–396 Teaching pedagogy, 182 Teaching, secondary, 109 Team(s) cross-functional, 168, 382 Teamwork, 12, 14, 155, 162–163, 168, 214, 287, 290–291
for staff, 166	Technological pedagogical content
for students, 22, 242	knowledge (TPACK), 11,
"Surface" vs. "deep" learning, 150	83–84, 86–89, 93, 96–97,
Synchronous, 7, 65, 118, 125–126,	101–105, 108–109
136, 158, 177–178, 181,	Technology(ies)
184, 191, 208, 212,	emerging, 17–50, 279, 292–293,
292–293, 297–298, 366,	303, 340, 354
374–377	training in, 219
	Thinking, critical, 32, 34, 36, 40, 45,
Task(s), authentic, 11, 24, 36, 41,	129, 161, 177–178, 182, 184,
108, 155, 160–162, 362	269–270, 274, 290
Teacher(s), 10–12, 45, 84–93, 95–96,	Tool(s)
101–109, 119–125, 129–130,	collaborative document(s), 293,
134, 146–147, 149–153, 155,	296
157, 161, 167, 171, 176–179,	collaboration, 291, 297, 317, 376
181–187, 190–192, 195, 208,	nearly synchronous, 292
236, 242, 251–254, 316, 323,	blended learning, 3–16, 146–148,
362, 371	152, 157, 163, 202, 205,
Teaching, 4–6, 8–9, 11–12, 14, 16,	208–209, 211, 218, 222–223,
38, 41, 83–87, 89–92, 95–97,	231–235, 237–238, 241,
99–102, 104–105, 108–109,	250, 255, 258, 262,
113–114, 116–123, 129–130,	276–277, 290, 293,
134, 137, 145–146, 148–149,	363–364, 376
151–152, 154–158, 160,	pedagogical, 12, 177-178
163–165, 167–168, 170–171,	TPACK. See Technological
176–179, 182, 193–195,	pedagogical content
202–203, 207, 212, 231–232,	knowledge

Training, web-based, 8, 19–20, 89, 95, 123, 166

Training, organizational, 59
"Transactional distance", 113–138
"Transactional presence", 124–125

Tutor(s), 11–12, 89–90, 98, 101–102, 106–107, 231, 235–236, 239–243, 245, 247–248, 251–253, 257–258, 259, 268, 275–276, 281

University(ies), European, 15, 137, 370, 381 Usability testing, 254

Videoconferencing, 296–297 Virtual learning environment, 123, 202, 212, 219, 229–230, 241, 250, 263

Web 2.0, 3–7, 9–15, 17–21, 23, 25–27, 29–31, 33–39, 41–43, 45–49, 59, 83, 90, 102, 108, 113–114, 116, 118, 125, 132–135, 137, 145, 151, 153, 159–162, 166–167, 170, 175, 183, 199, 206, 229, 261, 265,

275, 277, 281, 287, 293, 339, 359, 390 adoption, 10, 17-50 affordance(s), 18, 20, 26, 45–46, 48 barrier(s) to, 5, 20, 43 engagement, 34-37 pedagogy(ies), 5, 10 technology(ies), 3–5, 9–10, 17–18, 20, 27, 33–34, 37–38, 41, 46-49, 153, 167, 275, 277, 281 technology(ies) for learning, 21 tool(s) for, 12, 43, 90, 102, 108, 159–162, 167, 170, 183, 293 Web conferencing, 292–293, 298-301, 303 Webinar(s), 177–178, 184, 187, 189, 191-194, 396 Webpage(s), 23, 25, 93, 99, 237 Webquest(s), 161–162 Wiki(s), 5, 21, 23, 48, 76, 161–162, 218, 247, 272, 275, 277, 279–281, 291–292, 296, 300, 312-313, 317, 324 Workshop(s), 89–94, 98, 101, 105–106, 158, 168, 170, 202, 212–214, 217–221,

223, 253