Index

A
Abu Dhabi Education Council (ADEC) 43, 49, 53, 58, 152, 159, 164
adaptive learning 277-278, 282
American Kernel Lessons (AKL) 183
andragogy 116, 208-209, 215-216
Arab education sector 63, 65, 69, 105-106, 148
Arab Open University (AOU) 10, 205
Asynchronous Communication 194, 200, 207

B
blended language learning 57
blended learning 14, 17-18, 36, 57-58, 61, 133, 137, 179, 194-195, 197-207, 296, 301

C
Cognitive Presence 209, 215-216
Collaborative Filtering Systems (CFS) 238
computer assisted instruction 38
computer-assisted language learning (CALL) 179, 188
computer-based instruction 26, 195
Computer Based Learning (CBL) 146, 237, 253
Computer-Based Training (CBT) 237
Computerized Automated Student Admission and Registration System 94
computer-mediated communication 25, 36, 38, 180, 189, 192-193, 195, 215, 233, 302
Computer Security Incidents Response Teams (CSIRTs) 155
Constructionism 83
constructivist learning 81, 92, 107
Content-Based System (CBS) 238
content providers 235
Cost-Effectiveness Analysis (CEA) 321
Course Management System 233
Critical Reflection 208, 216

D
Decentralization 39, 42-43, 49-50, 151
Demographic-Based System (DBS) 238
Design and Functionality of the Repository Evaluation Questionnaire (DFREQ) 314
digital divide 12, 16, 19-20, 25, 58, 121, 135-138, 140, 144, 146
digital literacy 296
Discussion Boards 208-211, 213-214, 216, 292
Distance Education (DE) 194
Distance Learning 3, 13-14, 16-20, 22, 26, 34, 53, 117, 137, 141, 147, 204-208, 215, 233, 235-236, 279, 286, 288, 294-295, 321
dominant culture 110, 118

E
E-Business Strategy 101, 103
e-courses 7, 9-10, 217-218, 220, 228-229, 232
e-Curricula 122
educational inequality 118
education reform 119, 121-122, 124-125, 127, 131-135, 137, 167
Education Reform for the Knowledge Economy (ERfKE) 122
E-governance 3, 138, 142
E-Learning Status 217-221, 227-228, 232-233
e-learning strategy 2
E-learning systems 7, 14, 235, 237, 244, 253, 255, 278, 282
e-learning technology 217, 232
electronic portfolios 84-85, 89-90, 92
English as a foreign language (EFL) 60, 117, 181, 284
Index

English as a Foreign Language (EFL) prospective teachers 284
Enterprise Information System (EIS) 322, 337
Enterprise Resource Planning (ERP) 63, 77, 157, 322, 328, 337
Enterprise School Information System (eSIS) 39
Enterprise System (ES) 322
Enterprise Wide System (EWS) 322
ERP Human Resources 64
ERP implementation 64, 67-68, 71, 76-78, 157-158, 160, 322, 332, 334-336
ERP Project Life-Cycle 66
eStudio 307, 310-312
E-Ticket Unified E-Learning System 233
E-Training 11, 17, 19, 22
Experiential Learning 208, 216, 330, 334

F
Field-dependent students 54
Field-independent students 54

G
GDNet (Global Development Network) 143
General Organization for Technical Education and Vocational Training (GOTEVT) 6
Globalization 108
Gulf countries 2, 4, 180, 182, 219, 226-227, 232

H
Human Resources Development 11, 15
Hybrid Recommender System (HRS) 238-239

I
ICDL 122, 124, 128, 289
ICT Environment 140
ICT infrastructure 2, 6, 29, 53, 59, 109, 141, 217, 221
ICT Readiness 140-141
ICT Sector Growth 4
ICT Sector Leadership 4
ICT Training Courses 124, 126-128
ICT Usage 140, 142
illiteracy 139, 145, 281
Information and Communication Technology for Development in the Arab Region (ICTDAR) 140
Information Technology in Educational Management (ITEM) 39, 51, 149
interactive teaching 89, 92
International English Language Testing System (IELTS) 181

J
Jordan Education Initiative (JEI) 123, 133-135

K
Key English Test (KET) 183
knowledge-based economy 53, 119, 121, 125, 130, 135
Knowledge Management (KM) 300, 328

L
learner-centred principles 27, 38
learning management systems (LMS) 2, 7, 22, 107, 200-201, 203, 207, 215, 233, 236, 241, 250, 253, 300, 303
Learning Objects Metadata (LOM) 263
Learning Objects Repository (LOR) 264
Learning Objects Review Instrument (LORI) 313
Learning Resource Center (LRC) 3

M
Meaningful Learning 54, 59, 145, 201, 208-209, 213, 216, 282
Ministry of Education (MOE) 40, 97, 151, 307
Moodle 2-3, 200-203, 220, 228, 237, 253
multicultural education 109, 113, 118
multiculturalism 108, 118
multimedia technology 48, 80, 83, 92

N
National Product (GNP) 4, 125
Net Generation 23-24, 35, 38, 192
Networked Readiness Index (NRI) 29

O
Online Learning 3, 12, 18, 27, 37, 48, 55-58, 61, 181, 198-199, 203, 205-206, 208-210, 216, 227-228, 233, 288, 293, 296, 298, 300-305, 321
Online Learning Communities (OLCs) 298, 300-305
Ontology engineering 258
Index

P
paper-based learning 54
personalized recommendation 254, 256-258, 261, 279, 281
pre-service teachers 84-85, 90

Q
Quick Placement Test (QPT) 183

R
REACH 140, 142, 147
recommender systems 234, 237-238, 241, 250-251, 255-256, 282
Reusable Learning Objects (RLO) 263
Rule-Based Filtering (RBF) 239

S
School Information system (SIS) 39, 42, 149
Self-Directed Learning 208, 216, 277
self-paced learning 15, 58, 199, 237
Semantic Similarity Retrieval Model (SSRM) 257
service providers 3, 235, 310
Sharable Content Object Reference Model (SCORM) 22
Shareable Learning Objects (SLO) 261
Significant Learning 214, 216
Small and Medium Enterprises (SMEs) 67
Student-Centered Classroom 193
Synchronous Communication 200, 207

T
Teacher-Centered Classroom 193
technological intelligent agents (TIA) 236, 253

technology pedagogical content knowledge (TPACK) 15
Technology Implementation Questionnaire (TIQ) 31
technology integration 1, 15, 23-24, 28-34, 37-38, 52, 54, 90, 109-110, 117, 133, 146, 160
top-down reform 127
Traditional Education Context 193
transformation ethics 150

U
UAE Computer Emergency Response Team (ae-CERT) 155
UAE Education System 34, 108, 151
underdevelopment 121
UNDP 5, 95, 103-104, 115, 221, 226
UNESCO 2, 13, 20, 49, 95, 103, 207, 228, 233, 281
United Arab Emirates (UAE) 23-24, 39, 80, 94, 107, 164, 180, 194, 323
UN Millennium Development Goals 121, 134

V
Vector Space Model (VSM) 257
Virtual Learning Environment (VLE) 55, 57-58, 61, 234
Virtual University 5-6, 9, 19, 147, 197

W
Web-Based Training (WBT) 237
WebCT 2, 19-20, 220, 228, 237, 250, 253
Wikis 180, 190, 216, 284-296, 299
Wikispaces 203, 287, 290
WIMBA 200-203