

Index

A

academic enterprise system 303
 academic systems 338
 access controls 151
 accidental pedagogy 83
 administrative responsibilities 328
 administrative tools 177
 advanced users 347
 assessment 151
 asynchronous communication 174
 authentication systems 17
 Aviation Industry CBT Committee (AICC)
 27

C

central administrative systems 337
 chat rooms 61
 CMS capabilities 198
 CMS design 344
 CMS market 345
 CMS matrix 356
 CMS software developer 352
 CMS user interface design 345
 cognitive supports and organizational tools
 151
 cognitivism 264

collaboration/communication tools 151
 collaborative online glossary (COG) 251
 collaborative online movie review (COMR)
 251
 collaborative online reporting (COR) 251,
 253
 Computer Supported Collaborative
 Learning (CSCL) 247
 computer-mediated communication tools
 155
 computer-mediated communications
 (CMCs) 247
 conceptual change 60
 connectivity 218
 content creation 176
 content creation and delivery 151
 content modules 110
 content re-use 213
 content sharing 213
 course management 190
 course management system design 57
 course management systems (CMS) 2, 18,
 31, 39, 74, 208, 232, 282, 296, 331,
 359
 critical thinking capability 193
 CUPID: Collaborative, User-Produced,
 Internet Documents 247

curricular capabilities 190
curricular change 114

D

data filtering 316
database-driven Web pages 246
deeper learning 58
delivery tools 176
digital content 301
Digital Millennium Copyright Act (DMCA) 361
discovery-based learning capability 198
discussion boards 61
domain-specific tool sets 319

E

e-learning 234
enterprise applications 2
entrepreneurs 2

F

facilitation 60
faculty use 131

G

good teaching principles model 73
graphical user interface (GUI) 154

H

higher education 62
home pages 174
Hyper Text Markup Language (HTML) 45

I

information 59
instructional/learning design supports 151
integrated information environment 220
integrated technology adoption and diffusion model 138
intellectual development 60
interactive learning dimensions model 71
interoperability 44
IT administrator 323

J

just-in-time learning 220

K

knowledge asset capability 200

L

learn2teach course 240
learner productivity 312
learner tools 186
learner-centered goals 52
learner-centered principles (LCPs) 75
learning 296
learning activities model (LAM) 248
learning applications 337
learning content management systems 209
learning environment 269
learning management system (LMS) 332
learning object (LO) 217
learning outcomes 301
learning tasks 180
libraries 39
library information system (LS) 40

M

meaningful learning models 77
metalearning 264
METS 32
Modularization 286

N

new generation course management system (NGCMS) 94
no significant difference (NSD) 4
nontraditional student 158

O

object-oriented collaboration 101
online learning 246
online student-collected and annotated resources (OSCAR) 251, 256
online testing 174, 221
ontologies 224
open frameworks 331

Open Knowledge Initiative (OKI) 19, 334
 open systems 328
 open-source collaboration 352

P

PDA synchronization 313
 peer-learning capability 195
 personal digital assistants (PDAs) 313
 personal response systems (PRS) 96
 prescriptive learning strategies 221
 privacy 52
 problem-based learning 238

R

repository 97
 roster synchronization 326

S

self-confidence capability 194
 service-oriented architectures 286
 social negotiation 183
 specifications 17
 standards 17
 standards development 30
 structured knowledge 60
 student information systems 17
 student input 221
 student-teacher interaction 60
 support for collaborative course development teams 221
 support for rich, highly interactive content 221
 synchronous communication 174
 system interoperability 311

T

taxonomies 224
 TEACH Act 361
 technology acceptance model (TAM) 137
 technology adoption and diffusion model 138
 theories of diffusion 135
 theory of reasoned action 137
 traditional student 156
 training programs 142
 transformative assessment 3

U

User interface design 151

V

vendors 11
 virtual classroom 232
 virtual learning environment (VLE) 332

W

W3C 20
 Web Service Definition Language (WSDL) 19
 wireless learners 347