INDEX

Academic Learning Transformation Lab (ALT Lab), 110

Accounting
  careers, 232
  educators and practitioners, 136
  equation model, 68
  foundations, 51
  professionals, 109
  role in society, 51
  textbooks, 68–73

Accounting class
  AMC, 25, 28
  engagement in accounting, 26
  enhancing learning through games, 30–31
  gameplay descriptive statistics, 37
  level of student engagement, 24
  method, 31–36
  perceived value and ease of use on game adoption, 30
  effect of perceived value and perceived ease of use on gameplay, 39–40
  pre-survey descriptive stats, 37
  results, 37
  serious games in accounting, 27
  student characteristics effects on game adoption, 37–39
  student characteristics to facilitate game adoption, 28–29
  student characteristics to inhibit game adoption, 29–30
  student learning experience enhancement, 40–42
  TAM, 42–43
  variable list, 47

Accounting education, 24, 51, 201, 223
  benefit, 105
  bigger picture, 105–106
  learning, 103–104
  literature, 73–75
  unanswered questions, 106–107

Accounting Education Change Commission (AECC), 204

Accounting Information Systems, 52

Accounting Mobile Challenge (AMC), 25, 28

Accounting student selection of taxation
  background information and research questions, 224–228
  research design and data, 228–229
  results, 229–239
  student enrollment in masters of taxation programs, 223

Active learning, 49–50

American Accounting Association (AAA), 201–203

American Institute of Certified Public Accountants (AICPA), 138, 156, 206, 222
  data on trends in accounting enrollment, 222
  Tax Education Committee, 204

American Taxation Association (ATA), 203, 222

Aphorism, 94

Association of International Certified Public Accountants (AICPA), 51

Association to Advance Collegiate Schools of Business (AACSB), 16, 110, 180

Asynchronous teaching mode, 95

Attendance, 121
  and exam results, 126–128
  and feelings of engagement, 128–129

Audience-response system (ARS), 116

243
Audit standards governing auditing estimates, 12–13
Auditing (AUD), 109–110, 138, 156 and Practice, 179
VM and disclosures, 12–13
Auditors
annual impairment assessment, 11
auditors need to understand valuation, 14
current audit standards governing auditing estimates, auditing FVM and disclosures and using work of specialists, 12–13
fair value of hard-to-price financial instruments, 12
integrating work of specialists, 13
need to understand valuation, 14
retains responsibility, 10
valuation of intangible assets acquired, 11

Balance sheet equation, 73
Bloom’s taxonomy, 158
Business Environment and Concepts (BEC), 138, 156
Business leaders, 50

Capital markets, 4
Careers in accounting, 51
Cash flow information, 67
Cash-to-accrual reconciliation matrix, 68, 70, 73
Center for Teaching and Learning Excellence (CTLE), 110
Certified Management Accounting (CMA), 158
Certified Public Accountant examination (CPA examination), 136, 156, 178, 204–205
background and research question, 157–159
candidates, 178
challenges, 189–191
content, 136
demographic profile, 186–187
educational background of respondents, 187
exam-related characteristics, 187–189
factors related to success on, 179–181
literature review and hypothesis, 137–139, 179–184
logistic regression analysis, 191–194
method, 139–140, 159–161
performance, 136
requirements, 178
research method and data, 185–186
research questions, 184–185
results, 140–149, 161–165, 186–194
socioeconomic conditions and ethnicity, 181–182
Choice of tax specialization, 223
Collaboration, 28
College coursework, 138–139
Competition, 28
Competitive transformational play group (CMTP), 29
Computer games, 24
Cooperative transformational play group (COTP), 29
Cost Accounting course, 50, 52–53 (see also Forensic accounting)
Cost accounting SL assignment, 52
grading rubric, 58–60
implementation guidance, 53
in-class distribution of project, 53–55
learning objectives, 52–53
project setting, 53
solution, 55–58
Cost behavior, 52
Cost of goods manufactured schedule (COGM schedule), 52
Cost–volume–profit (CVP), 50
Course content, 136
Covid adversity, 95
Covid intervention, 97
Covid-19, 94
Index

pandemic, 119–120
Critical audit matters (CAMs), 5
review, 10
Curricula, 4
Curriculum design, 229–232

Data analysis, 33–34
DEBORAH game, 28
Delphi methodology, 27
Descriptive statistics, 123–126
Digital natives, 28
Discounted cash flow model, 11
Dynamic capability, 110

e-Learning Design Innovation
Group, 98
Education(al)
environment, 24
layers, 51
requirements, 229–232
research, 27
Educators, 51
Engagement, 120
in accounting, 26
Enhancing learning through games, 30–31
Essential skills, 51
Experiential learning, 49

Face-to-face (F2F), 120
Faculty reflections on innovative practices, 111–112
Fair market values, 4
Fair value measurements (FVMs), 4–5
auditor retains responsibility, 10–14
proposed courses/topics, 17–19
review of CAMs, 10
review of PCAOB, SEC, and IFIAR Inspection findings, 5–10
university curriculum review, 14–17
Feedback from professionals, 87–88
Financial Accounting and Reporting (FAR), 88, 138, 156

Financial instruments, 4
fair value of hard-to-price financial instruments, 12
Financial reporting, 4
Financial statement, 4
Flashcards (FC), 158, 160
Flipped classroom model, 95, 99, 102
Flow theory, 27

Forensic accounting
background, 95–97
consequences and future, 99
course evolution, 96
Covid intervention, 97
experiences, 95
literature review, 94–95
planning for 2020–2021, 97–98
results for fall 2020, 98–99

Game(s)
description, 31–33
enhancing learning through, 30–31
game-based learning approach, 27, 29
perceived value and ease of use on, 30
student characteristics effects on, 34–35, 37–39
student characteristics to facilitate, 28–29
student characteristics to inhibits, 29–30

Gameplay, 25
descriptive statistics, 37
perceived value effects and perceived ease of use on, 35–36, 39–40

Grade point average (GPA), 178, 226
Grades, 136
Grading rubric, 58–60
Grading rubric and average scores for each item, 87

High-stakes tests, 156
Horizontal worksheet, 70, 73, 75–76
conceptual advantages of, 83–84
direct method, 77–79
indirect method, 79–82
mechanical advantages of, 82–83
“Hot seat” approach, 24, 26
Hybrid courses, 120
HyFlex course design, 120–121, 123

Immersive virtual world, 24
In-class
distribution of project, 53–55
paper-and-pencil assessment
approach, 85
Incentives, 183–184
Individual transformational play
group (ITP), 29
Innovative classroom technology, 29–30
Innovative course strategies, 115–116
Instructor-led study program (ILP), 158, 160
International Forum of Independent
Audit Regulators (IFIAR), 4
review, 5–10
International Valuation Standards
Council (IVSC), 17
Introductory course, 226

Journal of the American Taxation
Association (JATA), 203

K-12 education, 182
Knowledge gap, 4–5

Law and Theory, 179
Learning (see also Student learning)
designer, 99
objectives, 52–53
serious games, 25
Lecture attendance and performance, 121–122
Lecture modality
background and hypotheses, 120–122
limitations and future research, 130
method, 123
results, 123–129
Logistic regression analysis, 191–194
Long-term career, 234–238
Managerial accounting, 26
Master of Accountancy (MAcc), 95, 204
Maxim, 94
MBA programs, 204
Mentoring, 183–184
Mobile learning, 24
Model Tax Curriculum (MTC), 202
development of research questions, 207
historical development, 204–206
method, 208–209
results, 209–213
Monopoly game, 24, 26
MTC Task Force (1996), 205
Multivariate tests, 163–165
National Association of State Boards
of Accountancy (NASBA), 136, 178, 206

Online course, transition of F2F
course to, 112–115
Online teaching, 94
Online testing, 112

Pandemic pedagogy, 104
Participants, 31
Perceived usefulness, 25
Perceived value
and ease of use on game adoption, 30
effects and perceived ease of use on
gameplay, 35–36, 39–40
Pinterest, 26
Post-test cost accounting course, 62–63
Practicing problems (PP), 158, 160
Pre-survey descriptive stats, 37
Pre-test cost accounting course, 61–62
Predict, 139
Principles Aren’t That Hard (PATH), 24
Public Company Accounting Oversight Board (PCAOB), 4
review, 5–10
Puerto Rico (PR), 178
educational and socioeconomic background, 182–183
Quality of life, 238–239
Quitch, 24
Quizzes, 112

Regulation (REG), 138, 156
Remote teaching, 110
Review course (RC), 160

Sarbanes–Oxley Act, 109–110
Self-study review courses, 158
Serious games in accounting, 27
Service learning (SL), 50
active learning, 49–50
assignment material, 50–51
comparison of pre-and post-test scores, 61–64
cost accounting SL assignment, 52–61
literature review, 51–52
results of cost accounting assignment, 61
Short-term career, 232–233
Social media-based assignment, 26
Society, accounting role in, 51
Specialization, 51
Statement of cash flows (SCF), 67
accounting education literature, 73–75
accounting equation model, 68
accounting textbooks, 68–73
article’s innovative contribution, 75–76
assessment of effectiveness, 85–88
extant pedagogy, 68
implementation guidance, 77–85
limitations and suggestions for future research, 88
Stepwise regression models, 24

Student characteristics
effects on game adoption, 34–35, 37–39
to facilitate game adoption, 28–29
to inhibit game adoption, 29–30
Student learning, 111
experience enhancement, 36, 40–42
objectives, 85–86
Student(s)
engagement, 104, 111
journey mapping, 94–95
performance, 120
question analysis, 103
student-centric education, 101
written feedback comments from, 86
Study methods, 156
Study notes (SN), 158, 160
Survey instrument, 168–175
Synchronous teaching mode, 95

T-account analysis, 68
Target operating income (TOI), 58
Task-based simulations, 138
Tax courses, 204
Tax education, 201
historical context, 202–204
Tax knowledge, 202
Taxation, 221
Technology Acceptance Model (TAM), 25, 27, 30, 33, 42–43
Theory of Planned Behavior approach, 226
3D virtual learning environments, 27
Traditional lecture group (TRA), 29
Transaction-by-transaction worksheet, 73, 74, 75–76
Turbulent environments, 110
faculty reflections on innovative practices, 111–112
innovative course strategies, 115–116
transition of F2F course to online course, 112–115
<table>
<thead>
<tr>
<th>Uni</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Univariate tests, 161–163</td>
<td>Valuation methods, 4</td>
</tr>
<tr>
<td>University curriculum review, 14</td>
<td>Vertical worksheet, 70–71, 75</td>
</tr>
<tr>
<td>findings, 16–17</td>
<td>Volunteer Income Tax Assistance (VITA), 51–52, 206</td>
</tr>
<tr>
<td>pace of change, 14–15</td>
<td></td>
</tr>
<tr>
<td>university evaluation, 15–16</td>
<td></td>
</tr>
<tr>
<td>University evaluation, 15–16</td>
<td>WeChat, 27</td>
</tr>
<tr>
<td>University of Puerto Rico (UPR), 182–183</td>
<td>Work of specialists, 12–13</td>
</tr>
<tr>
<td>US Securities &amp; Exchange Commission (SEC), 4</td>
<td>Written feedback comments from students, 86</td>
</tr>
<tr>
<td>review, 5–10</td>
<td>Zoom app, 98</td>
</tr>
</tbody>
</table>