Appendix A: Rubric 1

IDEA OER Assessment of Existing Materials

Textbook/Publisher/Edition: The Elements of Computing Systems Building a Modern Computer from First Principles
Chapter/Assignment: **Chapter 1: Boolean Logic**
Assessor Name/Title/School: **Michael Paulding, Instructor, MiraCosta College**

Use this rubric to assess existing openly-licensed materials . Refer to the IDEA Framework & Implementation Guide for further completion instructions and explanation of each category. Complete an assessment for each chapter, appendix, etc. of the textbook.

Category	Exclusive	Emerging Inclusive	Inclusive
Illustrations and Photos ☒ Does not apply	☐ Less than 30% of photos and illustrations include BIPOC	☐ 30-70% of photos and illustrations include BIPOC	☐ More than 70% of photos and illustrations include BIPOC
Example Names ☒ Does not apply	☐ Less than 30% of names reflect BIPOC culture	☐ 30-70% of names reflect BIPOC culture	☐ More than 70% of names reflect BIPOC culture
Gender Inclusive Language and Use of Pronouns ☒ Does not apply	☐ Many examples of language that is not gender inclusive and inappropriate use of pronouns. *Include examples in notes*	☐ Some examples of language that is not gender inclusive and inappropriate use of pronouns. *Include examples in notes*	☐ Very few to no examples of language that is not gender inclusive and inappropriate use of pronouns. *Include examples in notes*
Diverse Authors, Researchers, and Studies ☐ Does not apply	☐ Very few to no examples of diverse authors and researchers with few to no studies related to BIPOC	☒ Some examples of diverse authors and researchers with some studies related to BIPOC	☐ Many examples of diverse authors and researchers with many studies related to BIPOC
Applications, Examples, and	☒ Very few to no examples of	☐ Some examples of applications,	☐ Many examples of applications,

Problem Scenarios ☐ Does not apply	applications, examples and scenarios reflect BIPOC culture	examples and scenarios reflect BIPOC culture	examples and scenarios reflect BIPOC culture
Appropriate Terminology ☐ Does not apply	☐ Many examples of terminology that is derogatory/ inappropriate. *Include examples in notes*	☐ Some examples of terminology that is derogatory/inappropriate. *Include examples in notes*	X Very few to no examples of terminology that is derogatory/inappropriate. *Include examples in notes*
Keyword, Glossary and Metadata Representation ☐ Does not apply	X Very few to no examples of keywords or glossary terms reflect diverse topics and/or folks	☐ Some examples of keywords or glossary terms reflect diverse topics and/or folks	☐ Many examples of keywords or glossary terms reflect diverse topics and/or folks
Incorporating Diverse Perspectives ☐ Does not apply	X Use of 0 diverse perspectives relevant to underrepresented groups	☐ Use of 1 diverse perspective relevant to underrepresented groups	☐ Use of 2 or more diverse perspectives relevant to underrepresented groups
Computer Science content easy to follow	☐Difficulty to follow, very limited related content	XMedium level to follow, somewhat related content	☐Easy to follow, great content.
Exercises			

Use the sections below to keep notes on important pages or other observations throughout the textbook. For example, you can note where inappropriate terminology occurs, examples of non-inclusive gendered language or a good opportunity to incorporate a diverse perspective.

Illustrations and Photos:

Example Names:

Gender-Inclusive Language and Use of Pronouns:

Diverse Authors, Researchers, and Studies:

Applications, Examples, and Problem Scenarios that Relate to Diverse Audiences:

Appropriate Terminology:

Keyword, Glossary, and Metadata Representations:

Incorporating Diverse Perspectives:

Category Count:
Exclusive:
Emerging Inclusive:
Inclusive:

Notes:
Chapter 1 on Boolean Logic is heavily focused on mathematical principles and does not include examples involving people. No names are used, no pronouns are used.