



## INSTRUCTIONAL MATERIALS ADMINISTRATOR

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### Recommendation

Yes

**Comments:** Using both the e-books and on-line suite will increase students' chances for success and lead to higher scoring, in general.

**Notation:** These materials are especially suited for students pursuing a career in the electrical or engineering fields.

### Material for Review

**Course:** Electricity (8727200)

**Title:** Florida Electrical (Bundle) , Edition: 1

**Copyright:** 2015

**Author:** NCCER

**Grade Level:** 9 - 12

### Content

Answer each item below and select the "Save" button to save your responses. You must select the "Save" button before going to another section or leaving this page to save the answers you have provided. If you are unable to complete the section, you may save your answers and come back to complete at a later time. All items must be answered for a section to be considered complete.

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To answer each item, select the appropriate rating from the following scale:

- 5 - VERY GOOD ALIGNMENT
- 4 - GOOD ALIGNMENT
- 3 - FAIR ALIGNMENT
- 2 - POOR ALIGNMENT
- 1 - VERY POOR/NO ALIGNMENT

Upon completion of all Areas of Review, the Recommendation link will become available with a record of how you scored each section of the evaluation.

- Reviewers are instructed that submissions should be consistently rated as 5 or 4 to be recommended for adoption. Materials that are consistently rated 2 or 1 are not expected to be recommended for adoption.
- Comments are strongly encouraged to justify each rating. Please use the Comments section to list any strengths, weaknesses, concerns, issues, and/or to provide examples supporting the rating.
- Additional information regarding the Content, Presentation, and Learning requirements are located in the Career and Technical Education Specifications for the 2015-16 Florida State Adoption of Instructional Materials.

Each set of materials submitted for adoption is evaluated based on each benchmark for that course and the Content, Presentation, and Learning items included in this rubric.

**A. Alignment with curriculum** 1. A. The content aligns with the state's standards and benchmarks for subject, grade level and learning outcomes.

**VERY GOOD ALIGNMENT**    GOOD ALIGNMENT    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The content is well-aligned with the State Standards.

2. A. The content is written to the correct skill level of the standards and benchmarks in the course.

**VERY GOOD ALIGNMENT**    GOOD ALIGNMENT    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The text is easy to read and clear and concise.

3. A. The materials are adaptable and useful for classroom instruction.

**VERY GOOD ALIGNMENT**    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The material is easy to use, adaptable, and have quizzes for each section.

**B. Level of Treatment** 4. B. The materials provide sufficient details for students to understand the significance of topics and events.

**VERY GOOD ALIGNMENT**    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The material is written on the level of the student and follow a very logical order of sequence.

5. B. The level (complexity or difficulty) of the treatment of content matches the standards.

**VERY GOOD ALIGNMENT**    GOOD ALIGNMENT    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The material, while easy to read, does not over-simplify the subject in any way.

6. B. The level (complexity or difficulty) of the treatment of content matches the student abilities and grade level.

**VERY GOOD ALIGNMENT**    GOOD ALIGNMENT    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

I find the content to be very appropriate for teens, young adults and adult learners, as well.

7. B. The level (complexity or difficulty) of the treatment of content matches the time period allowed for teaching.

**VERY GOOD ALIGNMENT**    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The content flows at a good pace so that the reader doesn't become bored or lose interest.

**C. Expertise for Content Development** 8. C. The primary and secondary sources cited in the materials reflect expert information for the subject.

**VERY GOOD ALIGNMENT**    GOOD ALIGNMENT    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The most cited reference is the National Electrical Code, NFPA 70. This is not only expert information, it is the Electrical code for many municipalities in the U.S.

9. C. The primary and secondary sources contribute to the quality of the content in the materials.

**VERY GOOD ALIGNMENT**    GOOD ALIGNMENT    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

Citing expert reference material adds an authenticity to the text so the student naturally trusts what he/she is reading.

**D. Accuracy of Content** 10. D. The content is presented accurately. (Material should be devoid of typographical or visual errors).

**VERY GOOD ALIGNMENT**    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

I found few mistakes concerning typographical or grammatical errors.

11. D. The content of the material is presented objectively. (Material should be free of bias and contradictions and is noninflammatory in nature).

**VERY GOOD ALIGNMENT**    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The text is very neutral in presentation.

12. D. The content of the material is representative of the discipline? (Material should include prevailing theories, concepts, standards, and models used with the subject area).

**VERY GOOD ALIGNMENT**    GOOD ALIGNMENT    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

This material seems to be up-to-date in regards to current beliefs and practices.

13. D. The content of the material is factual accurate. (Materials should be free of mistakes and inconsistencies).

**VERY GOOD ALIGNMENT**    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

I found very few errors regarding factual content. One question seemed to be written incorrectly for the answer they wanted.

**E. Currency of Content** 14. E. The content is up-to-date according to agriculture industry standards of practice.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT  
Justification:

15. E. The content is presented to the curriculum, standards, and benchmarks in an appropriate and relevant context.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT  
Justification:  
The arrangement of the material is in a logical sequence, leading from one subject to another in a smooth transitional way.

16. E. The content is presented in an appropriate and relevant context for the intended learners.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT  
Justification:  
The pictures and graphics are brightly colored, keeping the interest of the reader.

**F. Authenticity of Content** 17. F. The content includes connections to life in a context that is meaningful to students.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT  
Justification:  
The material is related to real life, adding authenticity to the material.

18. F. The material includes interdisciplinary connections which are intended to make the content meaningful to students.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT  
Justification:  
The text does a reasonable job in math skills, reading skills, and logical thinking skills.

**G. Multicultural Representation** 19. G. The portrayal of gender, ethnicity, age, work situations, cultural, religious, physical, and various social groups are fair and unbiased. (Please explain any unfair or biased portrayals in the comments section).

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT  
Justification:  
A diverse collection of imaginary workers, including racial diversity, gender diversity, and cultural diversity.

**H. Humanity and Compassion** 20. H. The materials portray people and animals with compassion, sympathy, and consideration of their needs and values and exclude hard-core pornography and inhumane treatment. (An exception may be necessary for units covering animal welfare).

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT  
Justification:  
The text refers to sexually transmitted diseases, but goes no further to either explore the means of transmission or to make any sort of judgment call on sexual activity.

21. In general, is the content of the benchmarks and standards for this course covered in the material.

**VERY GOOD ALIGNMENT**    GOOD ALIGNMENT    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT  
Justification:  
I feel the material is well-aligned with the Florida Standards.

## Presentation

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**A. Comprehensiveness of Student and Teacher Resources** 1. A. The comprehensiveness of the student resources address the targeted learning outcomes without requiring the teacher to prepare additional teaching materials for the course.

**VERY GOOD ALIGNMENT**    **GOOD ALIGNMENT**    **FAIR ALIGNMENT**    **POOR ALIGNMENT**    **VERY POOR/NO ALIGNMENT**

Justification:

The materials are stand-alone, meaning each chapter is complete along with review questions and a test that can be administered at the end of each chapter.

**B. Alignment of Instructional Components** 2. B. All components of the major tool align with the curriculum and each other.

**VERY GOOD ALIGNMENT**    **GOOD ALIGNMENT**    **FAIR ALIGNMENT**    **POOR ALIGNMENT**    **VERY POOR/NO ALIGNMENT**

Justification:

I found very good correlation between the material and the Standards.

**C. Organization of Instructional Materials** 3. C. The materials are consistent and logical organization of the content for the subject area.

**VERY GOOD ALIGNMENT**    **GOOD ALIGNMENT**    **FAIR ALIGNMENT**    **POOR ALIGNMENT**    **VERY POOR/NO ALIGNMENT**

Justification:

The text is intuitive in its handling of subject matter. Each area follows a logical sequence, building on previously learned materials.

**D. Readability of Instructional Materials** 4. D. Narrative and visuals engage students in reading or listening as well as in understanding of the content at a level appropriate to the students' abilities.

**VERY GOOD ALIGNMENT**    **GOOD ALIGNMENT**    **FAIR ALIGNMENT**    **POOR ALIGNMENT**    **VERY POOR/NO ALIGNMENT**

Justification:

The material contains many pictures and diagrams using bright colors and contrast to engage the reader.

**E. Pacing of Content** 5. E. The amount of content presented at one time or the pace at which it is presented must be of a size or rate that allows students to perceive and understand it.

**VERY GOOD ALIGNMENT**    **GOOD ALIGNMENT**    **FAIR ALIGNMENT**    **POOR ALIGNMENT**    **VERY POOR/NO ALIGNMENT**

Justification:

The material is presented in chunks, giving enough time to internalize concepts before moving on to the next idea.

**Accessibility** 6. The material contains presentation, navigation, study tool and assistive supports that aid students, including those with disabilities, to access and interact with the material. (For assistance refer to the answers on the UDL questionnaire).

**VERY GOOD ALIGNMENT**    **GOOD ALIGNMENT**    **FAIR ALIGNMENT**    **POOR ALIGNMENT**    **VERY POOR/NO ALIGNMENT**

Justification:

The e-book has few of the features listed in the UDL, but the on-line, interactive study site makes up for the shortfalls of the e-book.

7. In general, how well does the submission satisfy PRESENTATION requirements? (The comments should support your responses to the questions in the Presentation section).

**VERY GOOD ALIGNMENT**    **GOOD ALIGNMENT**    **FAIR ALIGNMENT**    **POOR ALIGNMENT**    **VERY POOR/NO ALIGNMENT**

Justification:

The material would be excellent for high school students to learn about electricity.

## Learning

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**A. Motivational Strategies** 1. A. Instructional materials include features to maintain learner motivation.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

Hyperlinks to definitions, figures, and related information make it easy to navigate the e-book.

**B. Teaching a Few "Big Ideas"** 2. B. Instructional materials thoroughly teach a few important ideas, concepts, or themes.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The relevant material is thoroughly covered and critical content is stressed to the student.

**C. Explicit Instruction** 3. C. The materials contain clear statements of information and outcomes.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The outcomes are presented at the beginning of each chapter and a summary at the end of each chapter recaps the critical content.

**D. Guidance and Support** 4. D. The materials provide guidance and support to help students safely and successfully become more independent learners and thinkers.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The materials encourage student participation but stress that the instructor should always be present or available for questions.

5. D. Guidance and support must be adaptable to developmental differences and various learning styles.

VERY GOOD ALIGNMENT    GOOD ALIGNMENT    **FAIR ALIGNMENT**    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

Neither the e-book nor the on-line bundle offer text-to-speech. I think this is a desirable feature.

**E. Active Participation of Students** 6. E. The materials engage the physical and mental activity of students during the learning process.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The materials are such that students should be engaged during class.

7. E. Rate how well the materials include organized activities that are logical extensions of content, goals, and objectives.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

In the instructor's manual, activities are suggested in the margins so an instructor has the capability of including these in the day's activities.

**F. Targeted Instructional Strategies** 8. F. Instructional materials include the strategies known to be successful for teaching the learning outcomes targeted in the curriculum requirements.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

9. F. The instructional strategies incorporated in the materials are effective in teaching the targeted outcomes.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The material is well-aligned with the strategies and outcomes of the course.

**G. Targeted Assessment Strategies**10. G. The materials correlate assessment strategies to the desired learning outcomes.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

Each chapter has review questions and a test for students to track personal progress through the material.

11. G. the assessment strategies incorporated in the materials are effective in assessing the learners' performance with regard to the targeted outcomes.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The on-line suite includes activities for students to review information without fear of grading.

**Universal Design for Learning**12. This submission incorporates strategies, materials, activities, etc., that consider the needs of all students.

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The material is adaptable for most, if not all students.

13. In general, does the submission satisfy LEARNING requirements? (The comments should support your responses to the questions in the Learning section.)

VERY GOOD ALIGNMENT    **GOOD ALIGNMENT**    FAIR ALIGNMENT    POOR ALIGNMENT    VERY POOR/NO ALIGNMENT

Justification:

The material satisfies the LEARNING requirements for this course.

If you have questions contact Office of Instructional Materials, [imstaff@fldoe.org](mailto:imstaff@fldoe.org) or 850-245-0425

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