

CTESTAR™ Course Curriculum Cross-Walk

Pathway

Business, Management, Marketing and Technology

Course

Food Services and Culinary Arts

Instructor

John Helmbreck

Number

2010-2011

Host School

Jackson Area Career Center

6-8 Math

N.MR.07.04	Convert ratio quantities between different systems of units, such as feet per second to miles per hour.
N.FL.07.05	Solve proportion problems using such methods as unit rate, scaling, finding equivalent fractions, and solving the proportion equation $a/b = c/d$; know how to see patterns about proportional situations in tables.
N.FL.07.07	Solve problems involving operations with integers.
N.FL.07.08	Add, subtract, multiply, and divide positive and negative rational numbers fluently.
N.FL.07.09	Estimate results of computations with rational numbers.
A.PA.07.01	Recognize when information given in a table, graph, or formula suggests a directly proportional or linear relationship.
N.MR.08.07	Understand percent increase and percent decrease in both sum and product form, e.g., 3% increase of a quantity x is $x + .03x = 1.03x$.
N.MR.08.08	Solve problems involving percent increases and decreases.
A.FO.08.11	Solve simultaneous linear equations in two variables by graphing, by substitution, and by linear combination; estimate solutions using graphs; include examples with no solutions and infinitely many solutions.
D.AN.08.02	Recognize practices of collecting and displaying data that may bias the presentation or analysis.

Alg1

Alg1.1.L1.2.4	Organize and summarize a data set in a table, plot, chart, or spreadsheet; find patterns in a display of data; understand and critique data displays in the media.
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Alg2

Alg2.2.A1.2.9	Know common formulas and apply appropriately in contextual situations.
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CES

CES.MI09::I.B.1 Approach practical and workplace problems using a variety of mathematical techniques.

CES.MI09::I.B.1.a Problems include making conversions between the metric system and non-English systems of measurement, mixed units (such as hours and minutes), and can require several steps to finding a solution.

ELA

- ELA.1.CE 1.1.1 Demonstrate flexibility in using independent and collaborative strategies for planning, drafting, revising, and editing complex texts.
- ELA.1.CE 1.1.2 Know and use a variety of prewriting strategies to generate, focus, and organize ideas (e.g., free writing, clustering/mapping, talking with others, brainstorming, outlining, developing graphic organizers, taking notes, summarizing, paraphrasing).
- ELA.1.CE 1.1.3 Select and use language that is appropriate (e.g., formal, informal, literary, or technical) for the purpose, audience, and context of the text, speech, or visual representation (e.g., letter to editor, proposal, poem, or digital story).
- ELA.1.CE 1.1.4 Compose drafts that convey an impression, express an opinion, raise a question, argue a position, explore a topic, tell a story, or serve another purpose, while simultaneously considering the constraints and possibilities (e.g., structure, language, use of conventions of grammar, usage, and mechanics) of the selected form or genre.
- ELA.1.CE 1.1.5 Revise drafts to more fully and/or precisely convey meaning—drawing on response from others, self-reflection, and reading one's own work with the eye of a reader; then refine the text— deleting and/or reorganizing ideas, and addressing potential readers' questions.
- ELA.1.CE 1.1.6 Reorganize sentence elements as needed and choose grammatical and stylistic options that provide sentence variety, fluency, and flow.
- ELA.1.CE 1.1.7 Edit for style, tone, and word choice (specificity, variety, accuracy, appropriateness, conciseness) and for conventions of grammar, usage and mechanics that are appropriate for audience.
- ELA.1.CE 1.1.8 Proofread to check spelling, layout, and font; and prepare selected pieces for a public audience.
- ELA.1.CE 1.2.1 Write, speak, and use images and graphs to understand and discover complex ideas.
- ELA.1.CE 1.2.2 Write, speak, and visually represent to develop self-awareness and insight (e.g., diary, journal writing, portfolio self-assessment).
- ELA.1.CE 1.2.3 Write, speak, and create artistic representations to express personal experience and perspective (e.g., personal narrative, poetry, imaginative writing, slam poetry, blogs, webpages).
- ELA.1.CE 1.2.4 Assess strengths, weaknesses, and development as a writer by examining a collection of own writing.

- ELA.1.CE 1.3.1 Compose written, spoken, and/or multimedia compositions in a range of genres (e.g., personal narrative, biography, poem, fiction, drama, creative nonfiction, summary, literary analysis essay, research report, or work-related text): pieces that serve a variety of purposes (e.g., expressive, informative, creative, and persuasive) and that use a variety of organizational patterns (e.g., autobiography, free verse, dialogue, comparison/contrast, definition, or cause and effect).
- ELA.1.CE 1.3.2 Compose written and spoken essays or work-related text that demonstrate logical thinking and the development of ideas for academic, creative, and personal purposes: essays that convey the author's message by using an engaging introduction (with a clear thesis as appropriate), well-constructed paragraphs, transition sentences, and a powerful conclusion.
- ELA.1.CE 1.3.3 Compose essays with well-crafted and varied sentences demonstrating a precise, flexible, and creative use of language.
- ELA.1.CE 1.3.4 Develop and extend a thesis, argument, or exploration of a topic by analyzing differing perspectives and employing a structure that effectively conveys the ideas in writing (e.g., resolve inconsistencies in logic; use a range of strategies to persuade, clarify, and defend a position with precise and relevant evidence; anticipate and address concerns and counterclaims; provide a clear and effective conclusion).
- ELA.1.CE 1.3.5 From the outset, identify and assess audience expectations and needs; consider the rhetorical effects of style, form, and content based on that assessment; and adapt communication strategies appropriately and effectively.
- ELA.1.CE 1.3.6 Use speaking, writing, and visual presentations to appeal to audiences of different social, economic, and cultural backgrounds and experiences (e.g., include explanations and definitions according to the audience's background, age, or knowledge of the topic; adjust formality of style; consider interests of potential readers).
- ELA.1.CE 1.3.7 Participate collaboratively and productively in groups (e.g., response groups, work teams, discussion groups, and committees)—fulfilling roles and responsibilities, posing relevant questions, giving and following instructions, acknowledging and building on ideas and contributions of others to answer questions or to solve problems, and offering dissent courteously.
- ELA.1.CE 1.3.8 Evaluate own and others' effectiveness in group discussions and formal presentations (e.g., considering accuracy, relevance, clarity, and delivery; types of arguments used; and relationships among purpose, audience, and content).
- ELA.1.CE 1.3.9 Use the formal, stylistic, content, and mechanical conventions of a variety of genres in speaking, writing, and multimedia presentations.
- ELA.1.CE 1.4.1 Identify, explore, and refine topics and questions appropriate for research.
- ELA.1.CE 1.4.2 Develop a system for gathering, organizing, paraphrasing, and summarizing information; select, evaluate, synthesize, and use multiple primary and secondary (print and electronic) resources.
- ELA.1.CE 1.4.3 Develop and refine a position, claim, thesis, or hypothesis that will be explored and supported by analyzing different perspectives, resolving inconsistencies, and writing about those differences in a structure appropriate for the audience (e.g., argumentative essay that avoids inconsistencies in logic and develops a single thesis; exploratory essay that explains differences and similarities and raises additional questions).

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- ELA.1.CE 1.4.4 Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
- ELA.1.CE 1.4.5 Develop organizational structures appropriate to the purpose and message, and use transitions that produce a sequential or logical flow of ideas.
- ELA.1.CE 1.4.6 Use appropriate conventions of textual citation in different contexts (e.g., different academic disciplines and workplace writing situations).
- ELA.1.CE 1.4.7 Recognize the role of research, including student research, as a contribution to collective knowledge, selecting an appropriate method or genre through which research findings will be shared and evaluated, keeping in mind the needs of the prospective audience. (e.g., presentations, online sharing, written products such as a research report, a research brief, a multi-genre report, I-Search, literary analysis, news article).
- ELA.1.CE 1.5.1 Use writing, speaking, and visual expression to develop powerful, creative and critical messages.
- ELA.1.CE 1.5.2 Prepare spoken and multimedia presentations that effectively address audiences by careful use of voice, pacing, gestures, eye contact, visual aids, audio and video technology.
- ELA.1.CE 1.5.3 Select format and tone based on the desired effect and audience, using effective written and spoken language, sound, and/or visual representations (e.g., focus, transitions, facts, detail and evidence to support judgments, skillful use of rhetorical devices, and a coherent conclusion).
- ELA.1.CE 1.5.4 Use technology tools (e.g., word processing, presentation and multimedia software) to produce polished written and multimedia work (e.g., literary and expository works, proposals, business presentations, advertisements).
- ELA.1.CE 1.5.5 Respond to and use feedback to strengthen written and multimedia presentations (e.g., clarify and defend ideas, expand on a topic, use logical arguments, modify organization, evaluate effectiveness of images, set goals for future presentations).
- ELA.2.CE 2.1.1 Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
- ELA.2.CE 2.1.2 Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
- ELA.2.CE 2.1.3 Determine the meaning of unfamiliar words, specialized vocabulary, figurative language, idiomatic expressions, and technical meanings of terms through context clues, word roots and affixes, and the use of appropriate resource materials such as print and electronic dictionaries.
- ELA.2.CE 2.1.4 Identify and evaluate the primary focus, logical argument, structure, and style of a text or speech and the ways in which these elements support or confound meaning or purpose.

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ELA.2.CE 2.1.5	Analyze and evaluate the components of multiple organizational patterns (e.g., compare/contrast, cause/effect, problem/solution, fact/opinion, theory/evidence).
ELA.2.CE 2.1.6	Recognize the defining characteristics of informational texts, speeches, and multimedia presentations (e.g., documentaries and research presentations) and elements of expository texts (e.g., thesis, supporting ideas, and statistical evidence); critically examine the argumentation and conclusions of multiple informational texts.
ELA.2.CE 2.1.7	Demonstrate understanding of written, spoken, or visual information by restating, paraphrasing, summarizing, critiquing, or composing a personal response; distinguish between a summary and a critique.
ELA.2.CE 2.1.8	Recognize the conventions of visual and multimedia presentations (e.g., lighting, camera angle, special effects, color, and soundtrack) and how they carry or influence messages.
ELA.2.CE 2.1.9	Examine the intersections and distinctions between visual (media images, painting, film, and graphic arts) and verbal communication.
ELA.2.CE 2.1.10	Listen to and view speeches, presentations, and multimedia works to identify and respond thoughtfully to key ideas, significant details, logical organization, fact and opinion, and propaganda.
ELA.2.CE 2.1.11	Demonstrate appropriate social skills of audience, group discussion, or work team behavior by listening attentively and with civility to the ideas of others, gaining the floor in respectful ways, posing appropriate questions, and tolerating ambiguity and lack of consensus.
ELA.2.CE 2.1.12	Use a variety of strategies to enhance listening comprehension (e.g., monitor message for clarity and understanding, ask relevant questions, provide verbal and nonverbal feedback, notice cues such as change of pace or emphasis that indicate a new point is about to be made; and take notes to organize essential information).
ELA.2.CE 2.2.1	Recognize literary and persuasive strategies as ways by which authors convey ideas and readers make meaning (e.g., imagery, irony, satire, parody, propaganda, overstatement/understatement, omission, and multiple points of view).
ELA.2.CE 2.2.2	Examine the ways in which prior knowledge and personal experience affect the understanding of written, spoken, or multimedia text.
ELA.2.CE 2.2.3	Interpret the meaning of written, spoken, and visual texts by drawing on different cultural, theoretical, and critical perspectives.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.2	Read, view, and/or listen independently to a variety of fiction, nonfiction, and multimedia genres based on student interest and curiosity.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
ELA.2.CE 2.3.4	Critically interpret primary and secondary research-related documents (e.g., historical and government documents, newspapers, critical and technical articles, and subject-specific books).
ELA.2.CE 2.3.5	Engage in self-assessment as a reader, listener, and viewer, while monitoring comprehension and using a variety of strategies to overcome difficulties when constructing and conveying meaning.

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ELA.2.CE 2.3.6	Reflect on personal understanding of reading, listening, and viewing; set personal learning goals; and take responsibility for personal growth.
ELA.2.CE 2.3.7	Participate as an active member of a reading, listening, and viewing community, collaboratively selecting materials to read or events to view and enjoy (e.g., book talks, literature circles, film clubs).
ELA.2.CE 2.3.8	Develop and apply personal, shared, and academic criteria to evaluate own and others' oral, written, and visual texts.
ELA.3.CE 3.2.4	Respond by participating actively and appropriately in small and large group discussions about literature (e.g., posing questions, listening to others, contributing ideas, reflecting on and revising initial responses).
ELA.3.CE 3.4.1	Use methods of close and contextualized reading and viewing to examine, interpret, and evaluate print and visual media and other works from popular culture.
ELA.3.CE 3.4.2	Understand that media and popular texts are produced within a social context and have economic, political, social, and aesthetic purposes.
ELA.3.CE 3.4.3	Understand the ways people use media in their personal and public lives.
ELA.3.CE 3.4.4	Understand how the commercial and political purposes of producers and publishers influence not only the nature of advertisements and the selection of media content, but the slant of news articles in newspapers, magazines, and the visual media.
ELA.4.CE 4.1.1	Use sentence structures and vocabulary effectively within different modes (oral and written, formal and informal) and for various rhetorical purposes.
ELA.4.CE 4.1.2	Use resources to determine word meanings, pronunciations, and word etymologies (e.g., context, print and electronic dictionaries, thesauruses, glossaries, and others).
ELA.4.CE 4.1.3	Use a range of linguistic applications and styles for accomplishing different rhetorical purposes (e.g., persuading others to change opinions, conducting business transactions, speaking in a public forum, discussing issues informally with peers).
ELA.4.CE 4.1.4	Control standard English structures in a variety of contexts (e.g., formal speaking, academic prose, business, and public writing) using language carefully and precisely.
ELA.4.CE 4.1.5	Demonstrate use of conventions of grammar, usage, and mechanics in written texts, including parts of speech, sentence structure and variety, spelling, capitalization, and punctuation.
ELA.4.CE 4.2.1	Understand how languages and dialects are used to communicate effectively in different roles, under different circumstances, and among speakers of different speech communities (e.g., ethnic communities, social groups, professional organizations).
ELA.4.CE 4.2.2	Understand the implications and potential consequences of language use (e.g., appropriate professional speech; sexist, racist, homophobic language).
ELA.4.CE 4.2.3	Recognize and appreciate language variety, understand that all dialects are rule-governed, and respect the linguistic differences of other speech communities.
ELA.4.CE 4.2.4	Understand the appropriate uses and implications of casual or informal versus professional language; understand, as well, the implications of language designed to control others and the detrimental effects of its use on targeted individuals or groups (e.g., propaganda, homophobic language, and racial, ethnic, or gender epithets).

ELA.4.CE 4.2.5 Recognize language bias in one's community, school, textbooks, the public press, and in one's own use of language.

Cross Walk Summary

Subject	Items	Alignments		Standards	
		Headings	Standards	Aligned	Percent
6-8 Math	160	0 / 44	10 / 116	10	9
Alg1	76	0 / 16	1 / 60	1	2
Alg2	87	0 / 22	1 / 65	1	2
CES	7	1 / 3	1 / 4	1	25
ELA	106	0 / 14	71 / 92	71	77
Geom	74	0 / 18	0 / 56	0	0
StatProb	53	0 / 8	0 / 45	0	0