HU14 CISC 600 Deliverable 4- Final Research Paper KA2 75%3

Start Assignment

- Due Apr 14 by 6pm
- Points 20
- Submitting a file upload

Please submit your final pap[...] [...]esearch Paper Guidelines discussed and the feedback received in Deliverable 3: R[...]per Draft. Please do your best to submit your final paper on time. I only have a few hours to read, assess, and submit grades to the Registrar. Thanks,

Please Note: The level of performance expected for students in core competencies and program learning outcomes varies depending on the course. The numbers at the end of the key assignment name identify the expected level of performance for a specific key assignment. For example, for the key assignment entitled "HU14 GEND 201 Final Research Paper KA1 85%2," the 85%2 part of the title means that 85% of students are expected to score a level 2 on a four-point scale where level 1 represents a novice rating, and a level 4 represents an advanced rating.

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Criteria	Ratings				Pts
⌖ COMM 0.2 Content COMM 0.2 Develop Content threshold: 3.0 pts	**4 pts** Advanced: Use appropriate and relevant content to illustrate the subject, con... writer's und... develop and ... ideas and ra... and shape t... work.	**3 pts** Proficient: Use appropriate and relevant content ... develop and ... ance ideas ... shape the ... le work.	**2 pts** Emerging: Use appropriate and relevant content to develop and explore ideas in most of the work.	**1 pts** Novice: Use appropriate and relevant content to develop simple ideas in the work.	--
⌖ COMM 0.5 Grammar-Mechanics COMM 0.5 Control Grammar-Mechanics threshold: 3.0 pts	**4 pts** Advanced: Use language that communicates meaning to readers with clarity and fluency and that is substantially error-free.	**3 pts** Proficient: Use language that generally conveys meaning to readers with clarity and has few errors.	**2 pts** Emerging: Use language that generally conveys meaning to readers with clarity, although writing may include some errors.	**1 pts** Novice: Use language that sometimes impedes meaning because of errors in usage.	--
⌖ INFO 0.4d Conclusions INFO 0.4d Support Conclusions threshold: 3.0 pts	**4 pts** Advanced: Communicate ideas with specific, appropriate conclusions definitively supported by multiple relevant sources.	**3 pts** Proficient: Communicate ideas with appropriate conclusions supported by relevant sources.	**2 pts** Emerging: Communicate ideas with appropriate conclusions using minimal supporting sources	**1 pts** Novice: Communicate ideas, some missing appropriate conclusions or minimal supporting sources.	--
⌖ INFO 0.5 Informational	**4 pts**	**3 pts**	**2 pts**	**1 pts**	--

Criteria	Ratings				Pts
Applications INFO 0.5 Present Information threshold: 3.0 pts	**Advanced: Present information clearly and effectively to a given audience demonstrating use of and differ... in multiple information technology applications (spreadshee... presentation software, word processing, web applications, etc.)...**	**Proficient: Present information clearly and effectively to a given audience using multiple [information technology] ... (spreadsheets, ...tion ...word processing, web applications, etc.).**	**Emerging: Present information adequately to a given audience using multiple information technology applications (spreadsheets, presentation software, word processing, web applications, etc.).**	**Novice: Present information to a given audience using 1 information technology application (spreadsheets, presentation software, word processing, web applications, etc.).**	
⊕ INFO 0.6c Strategies INFO 0.6c Apply Information-Use Strategies threshold: 3.0 pts	**4 pts** **Advanced: Use 4 or more of the following information use strategies correctly: choice of paraphrasing, summary, or quoting; using information in manner true to original context; and distinguishing between common knowledge and ideas requiring - attribution.**	**3 pts** **Proficient: Use 2-3 of the following information use strategies correctly: choice of paraphrasing, summary, or quoting; using information in ways true to original context; distinguishing between common knowledge and ideas requiring attribution.**	**2 pts** **Emerging: Use 1-2 of the following information use strategies correctly: choice of paraphrasing, summary, or quoting; using information in ways true to original context; distinguishing between common knowledge and ideas requiring attribution.**	**1 pts** **Novice: Use 1 or more of the following information use strategies, but not correctly: choice of paraphrasing, summary, or quoting; using information in ways true to original context; distinguishing between common knowledge and ideas requiring attribution.**	--
⊕ CSMS 1.1 Theoretical	**4 pts**	**3 pts**	**2 pts**	**1 pts**	--

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Analysis CSMS 1.1 Conduct theoretical analysis. threshold: 3.0 pts	**Advanced: Efficiently represent system behavior with Advanced models and graphics, ensuring a thorough understanding of dynamics and interactions. Accurately determine and optimize resources for complex algorithms, enhancing system efficiency. Analyze the interrelation of subsystems, demonstrating a deep understanding of holistic behavior and impact. Proactively seek and implement innovative solutions for system improvement and adaptability.**	**Proficient: Represent system behavior mathematically or graphically and analyze the key resources for executing moderately complex algorithms (i.e., amount of time, storage, etc.). Define the interrelated, interdependent subsystems and boundaries.**	**Emerging: Utilize basic models to represent system behavior, gaining initial insight into system dynamics. Identify resources for executing moderately complex algorithms, focusing on time and storage. Recognize and define interrelated subsystems, building a foundational understanding of interactions. Actively explore system behavior and interactions, identifying areas for further development and learning.**	**Novice: Explore the basic representation of system behavior and interactions. Develop awareness of resources needed for simple algorithms, focusing on time and storage. Gain exposure to interrelated subsystems and their existence within a system. Exhibit curiosity in understanding system dynamics, seeking guidance, and learning opportunities.**	
⊕ CSMS 1.2 Empirical Analysis	**4 pts Advanced: Identify causes of a phenomenon and**	**3 pts Proficient: Recognize causes of a**	**2 pts Emerging: Identify fundamental causes and**	**1 pts Novice: Under guidance, gain exposure to**	--

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CSMS 1.2 Perform empirical analysis. threshold: 3.0 pts	formulate detailed hypotheses, considering all variables. Design precise experiments, conduct tho[...] testing, and [...] results to va[...] hypotheses. [...] well-founded [...] theories thr[...] robust data a[...], advancing field knowledge. Implement Advanced automation for efficient and accurate experimental processes.	phenomenon and formulate the hypotheses. Structure experiments for [...]he [...]eses, [...] the [...]sis test, [...]elop a [...]sing the [...]data. Automate the processes.	formulate initial hypotheses with limited variables. Conduct simple experiments, analyze data for preliminary conclusions, and develop fundamental theories. Explore and familiarize yourself with essential automation tools and techniques.	identifying causes, formulating hypotheses, and structuring experiments. Learn the basics of hypothesis testing and theory formulation through observation. Explore the fundamentals and benefits of process automation.	
CSMS 2.2 Software Testing CSMS 2.2 Execute system testings threshold: 3.0 pts	4 pts Advanced: Analyze intricate variable relationships to understand outcomes relative to objectives fully. Utilize Advanced methodologies to verify results and validate experiment accuracy. Communicate detailed software testing information clearly and	3 pts Proficient: Determine relationships between variables and compare the experiment's outcomes to the intended objectives. Conduct a quasi-evaluation approach to verify results. Deliver the necessary information about	2 pts Emerging: Start identifying variable relationships and comparing basic outcomes to objectives. Develop and apply quasi-evaluation approaches to verify simple results. Learn to convey basic software testing	1 pts Novice: Introduced to determining variable relationships and comparing outcomes. Gain exposure to basic evaluation approaches and result verification. Explore fundamentals of communicating software testing information and	--

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	comprehensively through written and oral methods.	software testing using written or oral communication methods.	information through written and oral methods.	practicing basic written and oral methods.	
⌖ CSMS 4.1 Publication Materials CSMS 4.1 Prepare written materials for publication. threshold: 3.0 pts	**4 pts** **Advanced:** Expertly eliminate all ambiguities in written materials, ensuring clarity and precision in communication. Strategically sequence concepts and employ diverse communication methods for a seamless and impactful informational flow. Articulate well-researched, fact-based claims, providing comprehensive references and contributing to the credibility and depth of the material.	**3 pts** **Proficient:** Omit ambiguities in written materials. Sequence the concepts and communication methods for an organized informational flow. State fact-based claims with the necessary reference.	**2 pts** **Emerging:** Begin identifying and addressing ambiguities in written materials; working towards clearer communication. Develop an understanding of sequencing concepts and explore various communication methods to organize information. Start to state fact-based claims, learning to provide the necessary references to support statements.	**1 pts** **Novice:** Gain initial exposure to identifying and omitting ambiguities in written materials. Introduced to the basics of sequencing concepts and using different communication methods for organizing information. Learn the importance of stating fact-based claims and begin to understand the need for providing references.	--

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⊙ CSMS 4.2 Research Mechanisms CSMS 4.2 Manage required research mechanisms. threshold: 3.0 pts	**4 pts Advanced:** Efficiently present research with Advanced protocols and clear labeling, ensuring rea... Deliver polis... products fre... errors, refle... professiona... Masterfully incorporate citations, maintaining work integrity. Seamlessly integrate scientific facts and laws, demonstrating in-depth understanding. Compile a comprehensive, well-organized reference section, adhering to academic standards.	**3 pts Proficient:** Present the research using ...tied ...ols using a ...g structure ...uishes ...ts. ...ble finished products free of spelling, grammar, and syntax errors. Incorporate citation ...protocols. Integrate the facts and the laws of science. Prepare the reference section.	**2 pts Emerging:** Start presenting research with basic protocols and learn labeling structures. Aim for minimal errors in assembling products and improve accuracy. Incorporate basic citation protocols and understand the importance of referencing. Begin integrating basic scientific facts and laws, building foundational knowledge. Develop skills to prepare a simple, standard-compliant reference section.	**1 pts Novice:** Gain exposure to research presentations and learn to organize information with labeling structures. Understand the importance of error-free writing and explore citation fundamentals. Acquire basic knowledge of scientific facts and laws in research. Familiarize with preparing a reference section and learn academic referencing basics.	--
				Total Points: 0	