

ISEC 628: COMPONENT INTEGRATION SECURITY

School of Technology & Computing

3 Credits, Graduate Course
Fall 2021

Access to the Internet is required.
All written assignments must be in Microsoft-Word-compatible formats.
See the library's APA Style Guide tutorial for a list of resources that can help you use APA style.

Contact Information

Professional experience information for instructors is found under *Faculty Information* in the online course menu.

Faculty Information

Contact information for instructors is found under *Faculty Information* in the online course menu.

Faculty Name:

Contact Information:

Course Description

This course focuses on the development and use of software that reliably preserves the security properties of the information and systems it protects. The security of a system, and of the data it stores and manages, depends in large part on the security of its software. The security of software depends on how well the requirements match the needs that the software is to address, how well the software is designed, implemented, tested, deployed, and maintained. The documentation is critical for everyone to understand these considerations, and ethical considerations arise throughout the creation, deployment, use, and retirement of software. The course addresses these security issues. Topics include fundamental design principles including least privilege, open design, and abstraction, security requirements and their role in the design, implementation issues, static and dynamic testing, configuring and patching, and ethics, especially in development, testing, and vulnerability disclosure.

Course Resources

Required and recommended resources to complete coursework and assignments are found on the course [Reading List](#). Note: resources listed under "Required - Must Purchase" should be purchased from a vendor of the student's own choosing; resources listed under "Available from the Library" are available at no cost to students.

Course Outcomes

As a result of this course, students will know or be able to do the following:

- Understand component security in cloud- vulnerabilities of system components, component lifecycle, supply chain management security, and data storage.
- Apply secure component development - secure component design principles, security testing, and reverse engineering.
- Analyze component and data security to cloud services to customize to various environments.
- Analyze secure component development for multiple software applications.
- Evaluate component and data security in an array of cloud deployments.
- Create a software application using secure components in the cloud.

Additional Information

Grading Scale

The grades earned for the course will be calculated using City University of Seattle's decimal grading system, found in the current University Catalog (<https://www.cityu.edu/catalog/>).

Grading rubrics with details on how each assignment will be graded are located under *Assignments* and/or in *My Grades* in the online course menu. Students should review the rubric for each assignment prior to completing their work in order to understand how it will be assessed.

OVERVIEW OF REQUIRED ASSIGNMENTS	% OF FINAL GRADE	POINTS
The Muddiest Point (MP)	5%	50 = 5 points * 10 modules
Concept Test (CT)	5%	50 = 5 points * 10 modules
Discussion Board (DB)	10%	100 = 10 points * 10 modules
Hands-On-Skills (HOS)	20%	200 = 20 points * 10 modules
Virtual Lab (VL)	30%	300 = 30 points * 10 modules
Knowledge Check (KC)	10%	100 = 10 points * 10 modules
Team Project (TP)	20%	Proposal: 30 points Progress: 70 points Final Report: 70 points Final PPT: 30 points Subtotal: 200 points
	100%	1,000 points

Course Assignments and Grading

The instructor will provide grading rubrics that will provide more detail as to how this assignment will be graded.

The Muddiest Point (MP)

Before class, students are required to submit the Muddiest Point (MP) activity. The purpose of this activity is to stimulate student engagement. The instructor uses the MP to assess how students understood the required readings. The instructor also uses the MP to customize the lecture scope to implement Just-in-Time Teaching (JiTT). The MP consists of writing a brief reflective essay (<= 50 words) identifying the most confusing part (i.e., the MP) of the content covered in the upcoming module. If a student understood all concepts, the student needs to explain the most exciting aspect. There is one multiple-choice question from the required reading to demonstrate that the student understood the required readings.

Criteria	% of Grade
Participation	40%
Writing	40%
Citation	10%
Accuracy	10%
TOTAL	100%

Concept Test (CT)

The instructor poses a problem based on key concepts of a lecture. After reflecting on the problem, students submit their response and the instructor review them without providing a correct answer. Students discuss their thought process and solution with a peer. Students then commit to an answer and re-submits their responses. Instructor reviews responses and thought processes with the correct answer.

Criteria	% of Grade
Engagement	100%
TOTAL	100%

Discussion Board (DB)

A student posts an answer to a weekly discussion topic in Discussion Board. The student also posts a response to two other students' posts by the end of each module. Comments and questions should be clear and thoughtful, with correct grammar, spelling, and punctuation. The instructor will grade the quality of your discussion postings on both content and response.

Criteria	% of Grade
Participation	50%
Writing	50%
TOTAL	100%

Hands-on Skills (HOS)

The instructor will assign Hands-on Skills exercises to a pair of students in class or individually online. Students pair up and practice exercises to learn specific programming languages,

application programming interfaces (APIs), or tools related to the programming assignments or virtual labs.

Criteria	% of Grade
Practice Exercise	80%
Engagement	20%
TOTAL	100%

Virtual Lab (VL)

Students complete cloud-based labs that support the concepts taught within the course. VLs involve viewing instructional documents and following systematic instructions. Activities are embedded within each lab. The activities present a challenge to complete. Each lab is graded on accuracy and writing. A student has unlimited attempts at each lab to increase their accuracy and learn the required skills. Reports submitted include a write up on their understandings and findings in their lab reports.

Criteria	% of Grade
Accuracy	80%
Writing	20%
TOTAL	100%

Knowledge Check (KC)

Weekly quizzes measure knowledge concepts acquired. Focus on the underlying principles and concepts rather than memorization to solve the quizzes.

Criteria	% of Grade
Correctness	100%
TOTAL	100%

Team Project (TP)

Each student can select his or her team that consists of three students or be part of instructor's group assignment. A group of fewer than three students requires the instructor's approval. Each team will use an instructor-approved topic relevant to the course.

The paper must be no less than 6-7 pages. We required you to use the paper template from [EDSIG/CONISAR](#), the international conference standard. *The instructor may recommend the best papers in this course to conferences with your team's approval. If necessary, the instructor may require more revisions after the course is over. However, the paper submission is optional and has nothing to do with your course grade.*

Three report templates and one presentation template are provided. The file name consists of team project number, team number, and the list of your team members. For example, "TP01 T03 Sam John Mark."

- TP01 for the proposal - "TP01 T0X Author1 Author2 Author3.docx"
- TP02 for the progress report - "TP02 T0X Author1 Author2 Author3.docx"
- TP03 for the final report - "TP03 T0X Author1 Author2 Author3.docx"

- TP04 for the final presentation slide - “*TP04 TOX Author1 Author2 Author3.pptx*”

As in any scholarly writing, students should not merely copy information from another author. Students should use evidence to support the contentions they have drawn from their findings and critically analyze related literature. In essence, each paper needs to be an analytical paper, not a summary of readings.

In addition, a team presentation slide is required.

- The presentation consists of 15+4 slides: 15 slides for content and 4 slides for cover, agenda, key reference, and Q&A.
- The PPT template is provided. Your team can change design and color for your team’s purpose.
- If necessary, a presentation video (15 minutes) may be requested.
- If necessary, a demo video (a maximum of 1-2 minutes) may be requested. The demo time should be included in the total presentation time (15 minutes).

Four submissions are required according to the following schedule:

- Proposal (1 page; 30 points) - Starting (Module 1) & Ending (Module 3)
- Progress Report (3-4 pages; 70 points; graded after the proposal has been submitted) - Starting (Module 4) & Ending (Module 7)
- Final Report (6-7 pages; 70 points; graded after the progress has been submitted) - Starting (Module 8) & Ending (Module 10)
- Final PPT (15+4slides, 30 points; graded after the final report has been submitted) - Starting (Module 8) & Ending (Module 10)

Students are expected to use the assigned readings, videos, and other materials throughout the quarter. Students will need to utilize additional sources that were not assigned by the professor. While stylized after an industry report, nonetheless, students are expected to employ APA formatting of citations, footnotes, and bibliography. Students must cite the sources of all ideas, facts, and information used that are not their own, even if they have put the information into their own words. Failure to do so is plagiarism; although the oversight is unintentional. To avoid plagiarism, check <https://library.cityu.edu/howto/apa-writing/avoid-plagiarism/>.

Project Description: A Cloud-Based Secure Software Application

Each team select an application in Java. The team reverse engineers the application, evaluates, and hardens the system using current best practices. The team deploys the target application onto the cloud. Each team must demonstrate the following: reverse engineering, testing, target system, forward engineering, deployment to the cloud, and demo.

Team Project (TP) Report

The student will provide a report formatted based on a template provided by the instructor. Students are required to improve the writing iteratively and incrementally every week. The revision will always happen during a quarter. Students will add new required sections to the existing paper every week.

The final report is the culmination of applied research and activities conducted throughout the quarter. The final report/paper provides a detailed problem and its solution likely to be encountered by a company or organization described in a case study supplied by the student.

	Criteria	Outcome	% of Grade
Cybersecurity Principles and Practices (20%)			
1	Component Security	Apply design, development, deployment, and administration of component security.	20%
Critical Thinking (60%)			
2	Issue	Issue is stated and described thoroughly so that it is understood fully.	20%
3	Evidence	Information is taken from source(s) appropriate to the scope with enough interpretation and evaluation to develop a comprehensive analysis or synthesis, and expert opinions are thoroughly scrutinized.	10%
4	Context and Awareness	Thoroughly analyzes assumptions and biases, carefully evaluating contextual relevance when presenting a position.	20%
5	Conclusions	Conclusions are logical and reflect an informed evaluation of evidence and perspectives in priority order.	10%
Collaboration (20%)			
6	Teamwork	Works effectively on diverse, global and/or distributed teams.	10%
7	Knowledge of Cultural Frameworks	Demonstrates sophisticated understanding of the complexity of elements important to members of another culture in relation to its history, values, politics, communication styles, economy, or beliefs and practices.	5%
8	Openness to Cultural Differences	Demonstrates sophisticated understanding of the complexity of elements important to members of another culture in relation to its history, values, politics, communication styles, economy, or beliefs and practices.	5%
	TOTAL		100%

Team Project (TP) Presentation

The student will report on the research outcomes, development, or other project efforts to an academically appropriate committee in a public forum. The nature of the presentation content

will determine the specific makeup of the audience. The student will choose the format of the presentation, in consultation with the advisor. The layout and design must be appropriate and adequate to represent the outcomes of the effort. While students must make some form of a visual presentation, the presentation of the results may include publishing in a refereed publication, publication in a trade or popular magazine or journal, broadcast in an appropriate medium, or, in exceptional cases, limited dissemination within a closed community.

Each presenter will have 15 minutes for presentation and 5 minutes for questions and answers. Each presenter must keep the total presentation time limit strictly.

Criteria	% of Grade
Structure	20%
Visual Presentation	30%
Verbal Quality & Engagement	30%
Team Collaboration	20%
TOTAL	100%

Course Policies

Course policies on topics such as *Late Assignments*, *Participation*, and *Professional Writing* are found under *Course Information* in the online course menu. Students are responsible for reviewing and applying these policies while enrolled in this course.

University Policies

Students are responsible for understanding and adhering to all of City University of Seattle's academic policies. The most current versions of these policies can be found in the [University Catalog](#) that is linked from the CityU Web site.

Title IX Statement

City University of Seattle and its faculty are committed to supporting our students and seeking an environment that is free of bias, discrimination, and harassment. If students have encountered any form of sexual misconduct (e.g. sexual assault, sexual harassment, stalking, domestic or dating violence), we encourage them to report this to the University. If a student speaks with a faculty member about an incident of misconduct, that faculty member must notify CityU's Title IX coordinator and share the basic fact of the experience. The Title IX coordinator will then be available to assist students in understanding all of the options and in connecting students with all possible resources on and off campus.

To view CityU's sexual misconduct policy and for resources, please visit the [Title IX](#) and [Campus Safety](#) pages in the my.cityu.edu portal.

Religious Accommodations

Washington state law requires that City University of Seattle develop a policy for accommodation of student absences or significant hardship due to reasons of faith or conscience, or for organized religious activities. The University's policy, including more information about how to request an accommodation, is available in the University Catalog. Accommodations must be requested within the first two weeks of this course using the Religious Accommodations Request Form found on the student dashboard in the my.cityu.edu student portal.

Academic Integrity

Academic integrity in students requires the pursuit of scholarly activity that is free from fraud, deception and unauthorized collaboration with other individuals. Students are responsible for understanding CityU's policy on academic integrity and adhering to its standards in meeting all course requirements. A complete copy of this policy can be found in the [University Catalog](#) under *Student Rights and Responsibilities* on the page titled *Academic Integrity Policy*.

Attendance

Students taking courses in any format at the University are expected to be diligent in their studies and to attend class regularly.

Regular class attendance is important in achieving learning outcomes in the course and may be a valid consideration in determining the final grade. For classes where a physical presence is required, a student has attended if they are present at any time during the class session. For online classes, a student has attended if they have posted or submitted an assignment. A complete copy of this policy can be in the [University Catalog](#) under *Student Rights and Responsibilities* on the page titled *Attendance*.

Support Services

Disability Services Accommodations Statement

Students with a documented disability who wish to request academic accommodations are encouraged to contact Disability Support Services to discuss accommodation requests and eligibility requirements. Please contact Disability Support Services at disability@cityu.edu or 206.239.4752 or visit the [Disability Support Services](#) page in the my.cityu.edu portal. Confidentiality will be observed in all inquiries. Once approved, information about academic accommodations will be shared with course instructors.

Library Services

CityU librarians are available to help students find the resources and information they need to succeed in this course. Contact a CityU librarian through the [Ask a Librarian](#) service, or access [library resources and services online](#), 24 hours a day, seven days a week.

Smarthinking Tutoring

CityU students have access to free online tutoring offered through Smarthinking, including writing support, from certified tutors 24 hours a day, seven days a week. Contact CityU's Student Support Center at help@cityu.edu to request a user name and password.

RUBRICS

The Muddiest Point (MP) Rubric

Description

Before class, students are required to submit the Muddiest Point (MP) activity. The purpose of this activity is to stimulate student engagement. The instructor uses the MP to assess how students understood the required readings. The instructor also uses the MP to customize the lecture scope to implement Just-in-Time Teaching (JiTT). The MP consists of writing a brief reflective essay (≤ 50 words) identifying the most confusing part (i.e., the MP) of the content covered in the upcoming module. If a student understood all concepts, the student needs to explain the most exciting aspect. There is one multiple-choice question from the required reading to demonstrate that the student understood the required readings.

Rubric Detail

100%	Levels of Achievement			
Criteria	Below Standard	Approaching Standard	At Standard	Exceeds Standard
Graduate Percentage Scale	0.00%-68.74%	68.75%- 86.24%	86.25%-93.74%	93.75%-100%
Participation Weight 30%	No submission	Late submission	On-time submission	On-time submission
Writing Weight 40%	No submission. Submission states the concept without explanation and shows grammatically incorrect in many places.	Submission states the concept without justification and shows partially grammatically correct.	Submission clearly states the concept and justifies why the topic was exciting or clearly explains what the	In addition, the submission is 50 words or less and shows critical thinking.

			student could not understand.	
Citation Weight 10%	Does not include quote or citation.	Quote is included but the citation is incorrect or does not expand on the represented idea.	Quote is included with correct citation. The quote helps to explain the represented idea.	Quote is included with correct citation. The quote expands upon and explain the represented idea.
Correctness Weight 20%	Submission does not answer the questions correctly or fails to answer the question.	Submission does not answer the questions correctly or fails to answer the question.	Submission answers the questions correctly.	Submission answers the questions correctly.

Concept Test (CT) Rubric

Description

The instructor poses a problem based on key concepts of a lecture. After reflecting on the problem, students submit their response and the instructor review them without providing a correct answer. Students discuss their thought process and solution with a peer. Students then commit to an answer and re-submits their responses. Instructor reviews responses and thought processes with the correct answer.

Rubric Detail

100%	Levels of Achievement			
Criteria	Below Standard	Approaching Standard	At Standard	Exceeds Standard
Graduate Percentage Scale	0.00%-68.74%	68.75%- 86.24%	86.25%-93.74%	93.75%-100%
Engagement Weight 100%	Submission does not show an answer or shows an answer without justification.	Submission shows an answer with justification, but there is no peer student engagement.	Submission includes an answer, justification, and peer engagement.	Submission includes an answer, justification, and peer engagement with critical thoughts.

Discussion Board (DB) Rubric

Description

A student posts an answer to a weekly discussion topic in Discussion Board. The student also posts a response to two other students' posts by the end of each module. Comments and questions should be clear and thoughtful, with correct grammar, spelling, and punctuation. The instructor will grade the quality of your discussion postings on both content and response.

Rubric Detail

100%	Levels of Achievement			
Criteria	Below Standard	Approaching Standard	At Standard	Exceeds Standard
Graduate Percentage Scale	0.00%-68.74%	68.75%- 86.24%	86.25%-93.74%	93.75%-100%
Participation Weight 50%	Submission does not post answer and responses.	Submission answers the question and posts responses to only one student.	Submission answers the question and posts response to two students.	Submission answers the question with references and posts responses to more than two students.
Writing Weight 50%	No submission.	Submission posts responses with spelling errors, grammar errors, and punctuations.	Submission is coherent with only two spelling or grammar errors.	Submission is coherent and grammatically correct with no errors.

Hands-on Skill (HOS) Rubric

Description

The instructor will assign hands-on skill exercises to a pair of students in class or individually online. Students pair up and practice exercises to learn specific programming languages, application programming interfaces (APIs), or tools related to the programming assignments or virtual labs. Two quizzes measure hands-on skills acquired.

Rubric Detail

100	Levels of Achievement
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Criteria	Below Standard	Approaching Standard	At Standard	Exceeds Standard
Graduate Percentage Scale	0.00%-68.74%	68.75%- 86.24%	86.25%-93.74%	93.75%-100%
Skill Exercise Weight 70%	Submission does not show answers or shows answers without evidence.	Submission shows answers with minimal evidence.	Submission shows answers with some evidence.	Submission shows answers with full evidence.
Engagement Weight 20%	Student does not engage in the exercise.	Student engages minimally in the exercise.	Student engages fully in the exercise.	Student mentors the other student to learn and succeed.
Correctness Weight 10%	Answers none or 57.49% less of the questions correctly.	Answers 57.50% above or 76.24% less of the questions correctly.	Answers 76.25% above or 93.74% less of the questions correctly.	Answers 93.75% above or all the questions correctly.

Virtual Lab (VL) Rubric

Description

Students complete cloud-based labs that support the concepts taught within the course. VLS involve viewing instructional documents and following systematic instructions. Activities are embedded within each lab. The activities present a challenge to complete. Each lab is graded on accuracy and writing. A student has unlimited attempts at each lab to increase their accuracy and learn the required skills. Reports submitted include a write up on their understandings and findings in their lab reports.

Rubric Detail

100%	Levels of Achievement			
Criteria	Below Standard	Approaching Standard	At Standard	Exceeds Standards
Graduate Percentage Scale	0.00%-68.74%	68.75%- 86.24%	86.25%-93.74%	93.75%-100%
Accuracy Weight 80%	Activities not completed, not executable, or not submitted	The 68.75% - 86.24% of all required activities are partially completed and executable, but errors in activities.	The 86.25% - 93.74% of all required activities are completed and executable	All required activities are completed and executable without any errors.

			without any errors.	
Writing Weight 20%	No submission.	Submission posts understandings and findings with spelling errors, grammar errors, and punctuations.	Submission is coherent and only two spelling or grammar errors.	Submission is coherent and only two spelling or grammar errors.

Knowledge Check (KC) Rubric

Description

Weekly quizzes measure knowledge concepts acquired. Focus on the underlying principles and concepts rather than memorization to solve the quizzes.

Rubric Detail

100%	Levels of Achievement			
Criteria	Below Standard	Approaching Standard	At Standard	Exceeds Standard
Graduate Percentage Scale	0.00%-68.74%	68.75%- 86.24%	86.25%-93.74%	93.75%-100%
Correctness Weight 100%	Answers none or 68.74% less of the questions correctly.	Answers 68.75% above or 86.24% less of the questions correctly.	Answers 86.25% above or 93.74% less of the questions correctly.	Answers 93.75% above or all the questions correctly.

ISEC 510 Team Project (TP) Report Rubric

Description

Use this rubric for TP03 only. The student will provide a report formatted based on a template provided by the instructor. Students are required to improve the writing iteratively and incrementally every week. The revision will always happen during a quarter. Students will add new required sections to the existing paper every week.

The final report is the culmination of applied research and activities conducted throughout the quarter. The final report/paper provides a detailed problem and its solution likely to be encountered by a company or organization described in a case study supplied by the student.

Rubric for Syllabus

	Criteria	Outcome	% of Grade
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Cybersecurity technology, concepts, and reverse engineering protocols (20%)			
1	Component Security	Create secure cloud environments utilizing the full life cycle of integrating component security utilizing reverse engineering in a cloud environment.	20%
Critical Thinking (60%)			
2	Issue	Issue is stated and described thoroughly so that it is understood fully.	20%
3	Evidence	Information is taken from source(s) appropriate to the scope with enough interpretation and evaluation to develop a comprehensive analysis or synthesis, and expert opinions are thoroughly scrutinized.	10%
4	Context and Awareness	Thoroughly analyzes assumptions and biases, carefully evaluating contextual relevance when presenting a position.	20%
5	Conclusions	Conclusions are logical and reflect an informed evaluation of evidence and perspectives in priority order.	10%
Collaboration (20%)			
6	Teamwork	Works effectively on diverse, global and/or distributed teams.	10%
7	Knowledge of Cultural Frameworks	Demonstrates sophisticated understanding of the complexity of elements important to members of another culture in relation to its history, values, politics, communication styles, economy, or beliefs and practices.	5%
8	Openness to Cultural Differences	Demonstrates sophisticated understanding of the complexity of elements important to members of another culture in relation to its history, values, politics, communication styles, economy, or beliefs and practices.	5%
	TOTAL		100%

Rubric Detail

	100%	Levels of Achievement			
	Criteria	Below Standard	Approaching Standard	At Standard	Exceeds Standard
	Graduate Percentage Scale	0.00%-68.74%	68.75%- 86.24%	86.25%-93.74%	93.75%-100%
1	Human and Organization Security Weight 20%	Recalls aspects of human, organizational structure, data privacy, and cultural frameworks.	Issues are stated clearly and the implications and environmental influences upon organizational security trends.	Issue is described and , and clarified within the body of knowledge.	Issues is stated clearly, integrated completely into the design with policy and practices clearly defined.
2	Issue Weight 20%	Issue is stated without clarification or description.	Issue is stated but leaves some elements unaddressed, such as background, context, terms, boundaries, or ambiguities.	Issue is stated, described, and clarified so that understanding is not impeded by omissions.	Issue is stated and described thoroughly so that it is understood fully.
3	Evidence Weight 10%	Information is taken from source(s) appropriate to the scope without any interpretation or evaluation, and expert opinions are taken as fact without question.	Information is taken from source(s) appropriate to the scope with some interpretation and evaluation, but not enough to develop a coherent analysis or synthesis, and expert opinions are taken as fact with little questioning.	Information is taken from source(s) appropriate to the scope with enough interpretation and evaluation to develop a coherent analysis or synthesis, and expert opinions are subject to questioning	Information is taken from source(s) appropriate to the scope with enough interpretation and evaluation to develop a comprehensive analysis or synthesis, and expert opinions are thoroughly scrutinized.

4	Context and Awareness Weight 20%	Emerging awareness of assumptions and biases with limited identification of contextual relevance when presenting a position.	Questions some assumptions and biases with a limited range of contextual relevance when presenting a position.	Analyzes assumptions and biases and evaluates a range of contextual relevance when presenting a position.	Thoroughly analyzes assumptions and biases, carefully evaluating contextual relevance when presenting a position
5	Conclusions Weight 10%	Conclusions are inconsistently tied to some of the information discussed and is overly simplistic.	Conclusions are logically tied to information that support a desired conclusion.	Conclusions are logically tied to a range of information and include opposing points of view.	Conclusions are logical and reflect an informed evaluation of evidence and perspectives in priority order
6	Teamwork Weight 10%	Recalls aspects of how to work effectively on diverse, global and/or distributed teams.	Understands aspects of how to work effectively on diverse, global and/or distributed teams.	Applies effective strategies for working on diverse, global and/or distributed teams.	Evaluates effective strategies for working on diverse, global and/or distributed teams.
7	Knowledge of Cultural Frameworks Weight 5%	State some elements that are important to members of another culture in relation to its history, values, politics, communication styles, economy, or beliefs and practices.	Describe and explain some elements that are important to members of another culture in relation to its history, values, politics, communication styles, economy, or beliefs and practices.	Argue and defend key elements that are important to members of another culture in relation to its history, values, politics, communication styles, economy, or beliefs and practices.	Analyze sophisticated understanding of the complexity of elements important to members of another culture in relation to its history, values, politics, communication styles, economy, or beliefs and practices.
8	Openness to Cultural Differences	Ask complex questions about other	Seek out answers to questions about	Initiate and develop interactions with	Argue and defend how concepts,

	Weight 5%	cultures when considering an idea or solution.	other cultures when considering an idea or solution and suspends judgment in valuing their interactions with cultures that are different to their own.	people from cultures different from than their own in order to inform an idea or solution. Suspend judgement in their interactions with cultures that are different to their own.	perspectives, and people from cultures that are different from their own can enhance ideas and solutions. Suspend judgement in their interactions with cultures that are different to their own.
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Knowledge Check (KC) Rubric

Description

Weekly quizzes measure knowledge concepts acquired. Focus on the underlying principles and concepts rather than memorization to solve the quizzes.

Rubric Detail

100%	Levels of Achievement			
Criteria	Below Standard	Approaching Standard	At Standard	Exceeds Standard
Graduate Percentage Scale	0.00%-68.74%	68.75%- 86.24%	86.25%-93.74%	93.75%-100%
Correctness Weight 100%	Answers none or 68.74% less of the questions correctly.	Answers 68.75% above or 86.24% less of the questions correctly.	Answers 86.25% above or 93.74% less of the questions correctly.	Answers 93.75% above or all the questions correctly.