

**TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES  
RUBRIC FOR COMPUTING PROBLEM  
(FOR COMPUTING PROGRAMS)**

**T.I.P. SO 1: Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.**

**Name of Student:** Dyra Jasmine Cerado

**Program:** COMPUTER SCIENCE    **Course:** CS 402 – INTERNSHIP IN COMPUTING

**Section:** CS42S1

**2<sup>ND</sup> Semester**

**School Year 2023 – 2024**

Performance Indicators	Very Poor 1	Poor 2	Unsatisfactory 3	Satisfactory 4	Good 5	Excellent 6	Score
1. An ability to analyze a complex computing problem.	The student never models a complex problem with conflicting requirements, and a range of contexts using in-depth domain knowledge and encompassing standard practice of professional computing.	The student rarely models a complex problem with conflicting requirements, and a range of contexts using in-depth domain knowledge and encompassing standard practice of professional computing.	The student occasionally models a complex problem with conflicting requirements, and a range of contexts using in-depth domain knowledge and encompassing standard practice of professional computing.	The student frequently models a complex problem with conflicting requirements, and a range of contexts using in-depth domain knowledge and encompassing standard practice of professional computing.	The student usually models a complex problem with conflicting requirements, and a range of contexts using in-depth domain knowledge and encompassing standard practice of professional computing.	The student always models a complex problem with conflicting requirements, and a range of contexts using in-depth domain knowledge and encompassing standard practice of professional computing.	
2. An ability to apply principles of computing and other relevant disciplines to identify solutions.	The student never applies principles of computing and other relevant disciplines for computing solutions development and implementation.	The student rarely applies principles of computing and other relevant disciplines for computing solutions development and implementation.	The student occasionally applies principles of computing and other relevant disciplines for computing solutions development and implementation.	The student frequently applies principles of computing and other relevant disciplines for computing solutions development and implementation.	The student usually applies principles of computing and other relevant disciplines for computing solutions development and implementation.	The student always applies principles of computing and other relevant disciplines for computing solutions development and implementation.	
<b>Total Score</b>							
<b>Rating = (Total Score / 12) x 100</b>							

Evaluated by:

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Printed Name and Signature

\_\_\_\_\_  
Date

**TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES**  
**RUBRIC FOR DESIGN, DEVELOPMENT, AND EVALUATION OF COMPUTING SOLUTION**  
**(FOR COMPUTING PROGRAMS)**

**T.I.P. SO 2: Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.**

**Name of Student:** Dyra Jasmine Cerado

**Program:** COMPUTER SCIENCE

**Course:** CS 402 – INTERNSHIP IN COMPUTING

**Section:** CS42S1

**2<sup>ND</sup> Semester**

**School Year 2023 – 2024**

Performance Indicators		Very Poor 1	Poor 2	Unsatisfactory 3	Satisfactory 4	Good 5	Excellent 6	Score
1. An ability to design a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.	1a. Ability to perform problem definition, data gathering, and Systems Analysis.	The student has never discussed the problem definition, and data gathering, and failed to conduct systems analysis.	The student has a poor discussion of the problem definition, and data gathering, and failed to conduct systems analysis.	The student has discussed the problem definition, and data gathering, but failed to conduct systems analysis.	The student has discussed the problem definition, data gathering, and conducted systems analysis.	The student has discussed the problem definition, and data gathering and conducted sufficient systems analysis.	The student has comprehensively discussed the problem definition, and data gathering and conducted in-depth systems analysis.	
	1b. Ability to design system models and their components.	The student did not create models that represent the problem domain and are not consistent with the specified modeling language.	The student creates models that represent the problem domain and are consistent with the specified language, but contain flaws.	The student creates models but models do not fully represent the problem domain or are not consistent with the specified modeling language.	The student creates models that represent the problems and are mostly consistent with the specified modeling language.	The student creates suitable models that represent the problem domain and are consistent with the specified modeling language.	The student creates well-formed and appropriate design models that represent the problem domain and are consistent with the specified modeling language.	
2. An ability to develop and implement a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.		The student never develops and implements a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.	The student rarely develops and implements a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.	The student occasionally develops and implements a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.	The student frequently develops and implements a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.	The student usually develops and implements a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.	The student always develops and implements a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.	
3. An ability to evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.		The student never evaluates a computing-based solution to meet a	The student rarely evaluates a computing-based solution to meet a	The student occasionally evaluates a computing-based	The student frequently evaluates a computing-based solution to meet a	The student usually evaluates a computing computing-based	The student always evaluates a computing-based solution to meet a	

	given set of computing requirements in the context of the program's discipline.	given set of computing requirements in the context of the program's discipline.	solution to meet a given set of computing requirements in the context of the program's discipline.	given set of computing requirements in the context of the program's discipline.	solution to meet a given set of computing requirements in the context of the program's discipline.	given set of computing requirements in the context of the program's discipline.	
<b>Total Score</b>							
<b>Rating = (Total Score / 24) x 100</b>							

Evaluated by:

\_\_\_\_\_  
Printed Name and Signature

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Date

[illegible]

Evaluated by:

Printed Name and Signature

Date

**TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES**  
**RUBRIC FOR PROFESSIONAL RESPONSIBILITIES AND ETHICS**  
**(FOR COMPUTING PROGRAMS)**

**T.I.P. SO 4: Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.**

Name of Student: Dyra Jasmine CeradoProgram: **COMPUTER SCIENCE** Course: **CS 402 – INTERNSHIP IN COMPUTING**Section: **CS42S1**2<sup>ND</sup> Semester

School Year 2023 – 2024

Performance Indicators		Very Poor 1	Poor 2	Unsatisfactory 3	Satisfactory 4	Good 5	Excellent 6	Score
1. An ability to recognize professional responsibilities.	1a. Knowledge of ethical, legal, and social implications of computing.	The student never demonstrates knowledge of the ethical, legal, and social implications of computing.	The student rarely demonstrates knowledge of the ethical, legal, and social implications of computing.	The student occasionally demonstrates knowledge of the ethical, legal, and social implications of computing.	The student frequently demonstrates knowledge of the ethical, legal, and social implications of computing.	The student usually demonstrates knowledge of the ethical, legal, and social implications of computing.	The student always demonstrates knowledge of the ethical, legal, and social implications of computing.	
	1b. Impact of computing practices in Society.	The student never demonstrates understanding of the impact of computing practices in Society.	The student rarely demonstrates understanding of the impact of computing practices in Society.	The student occasionally demonstrates understanding of the impact of computing practices in Society.	The student frequently demonstrates understanding of the impact of computing practices in Society.	The student usually demonstrates understanding of the impact of computing practices in Society.	The student always demonstrates understanding of the impact of computing practices in Society.	
2. An ability to make informed judgments in computing practice based on legal and ethical principles.		The student never makes informed judgments in computing practice based on legal and ethical principles.	The student rarely makes informed judgments in computing practice based on legal and ethical principles.	The student occasionally makes informed judgments in computing practice based on legal and ethical principles.	The student frequently makes informed judgments in computing practice based on legal and ethical principles.	The student usually makes informed judgments in computing practice based on legal and ethical principles.	The student always makes informed judgments in computing practice based on legal and ethical principles.	

Total Score	
Rating = (Total Score / 18) x 100	

Evaluated by:

\_\_\_\_\_  
Printed Name and Signature

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Date

**TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES  
RUBRIC FOR INDIVIDUAL AND TEAMWORK  
(FOR COMPUTING PROGRAMS)**

**T.I.P. SO 5: Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.**

**Name of Student:** Dyra Jasmine Cerado

**Program:** COMPUTER SCIENCE    **Course:** CS 402 – INTERNSHIP IN COMPUTING

**Section:** CS42S1

**2<sup>ND</sup> Semester**

**School Year 2023 – 2024**

Performance Indicators	Very Poor 1	Poor 2	Unsatisfactory 3	Satisfactory 4	Good 5	Excellent 6	Score
1. An ability to function effectively as a member engaged in activities appropriate to the program's discipline.	The student never functions as an individual member of a team engaged in activities appropriate for computing.	The student rarely functions as an individual member of a team engaged in activities appropriate for computing.	The student occasionally functions as an individual member of a team engaged in activities appropriate for computing.	The student frequently functions as an individual member of a team engaged in activities appropriate for computing.	The student usually functions as an individual member of a team engaged in activities appropriate for computing.	The student always initiates to function effectively as an individual member of a team engaged in activities appropriate for computing.	
2. An ability to function effectively as a leader engaged in activities appropriate to the program's discipline	The student never functions as a leader of a team engaged in activities appropriate for computing.	The student rarely functions as a leader of a team engaged in activities appropriate for computing.	The student occasionally functions as a leader of a team engaged in activities appropriate for computing.	The student frequently functions as a leader of a team engaged in activities appropriate for computing.	The student usually takes initiative and functions as a leader to support group efforts and activities of a team engaged in activities appropriate for computing.	The student always takes initiative and functions as a leader to support group efforts and activities of a team engaged in activities appropriate for computing.	
<b>Total Score</b>							
<b>Rating = (Total Score / 12) x 100</b>							

Evaluated by:

\_\_\_\_\_  
Printed Name and Signature

\_\_\_\_\_  
Date

**TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES**  
**RUBRIC FOR COMPUTER SCIENCE THEORY AND SOFTWARE DEVELOPMENT**  
**(FOR CS PROGRAM)**

**T.I.P. SO 6: Apply computer science theory and software development fundamentals to produce computing-based solutions [CS].**

**Name of Student:** Dyra Jasmine Cerado

**Program:** COMPUTER SCIENCE    **Course:** CS 402 – INTERNSHIP IN COMPUTING

**Section:** CS42S1

**2<sup>ND</sup> Semester**

**School Year 2023 – 2024**

Performance Indicators	Very Poor 1	Poor 2	Unsatisfactory 3	Satisfactory 4	Good 5	Excellent 6	Score
1. Apply computer science theory in solving the computing problem.	Unable to apply and explain the computer science theory used in solving the computing problem.	Able to apply but not explain the computer science theory used in solving the computing problem.	Able to apply and explain the computer science theory used in solving the computing problem.	Able to apply and explain in detail the computer science theory used in solving the computing problem.	Able to apply and justify the computer science theory in solving the computing problem.	Able to apply and justify in detail the optimal computer science theory in solving the computing problem.	
2. Apply software development fundamentals to produce solutions	Unable to apply and finish the software development fundamentals.	Able to apply and finish at least one software development fundamental.	Able to apply and finish a few software development fundamentals.	Able to apply and finish several software development fundamentals.	Able to apply and complete all software development fundamentals.	Able to apply and complete all software development fundamentals with little or no modification.	
3. Apply computer science theory/ies in the development of software for computing-based solutions.	Unable to apply the CS theory/ies in the development of software systems.	Applied at least one CS theory in the development of software systems.	Applied a few CS theories in the development of software systems.	Applied several CS theories in the development of software systems.	Applied all appropriate CS theories in the development of software systems.	Applied all appropriate CS theories in the development of software systems with little or no modifications.	
<b>Total Score</b>							
<b>Rating = (Total Score / 18) x 100</b>							

Evaluated by:

\_\_\_\_\_  
Printed Name and Signature

\_\_\_\_\_  
Date



STUDENT PERFORMANCE RATING ( CS )

Total Score for SO 1 to SO 6 ( 108)	
Rating = (Total Score / 108) x 100	

Supervisor's Comments (Comment on the student's overall job performance)

Evaluated by:

Printed Name and Signature

Designation

Company Name

Date

MS. JASMIN A. CALIWAG  
OJT Faculty-in-Charge  
Email: [jcaliwag.it@tip.edu.ph](mailto:jcaliwag.it@tip.edu.ph)  
Cellphone: 0917 895 04 96