

INFOST 340 – Systems Analysis
Semester: Fall 2016
Instructor: Kevin Trainor
Assignment: Conceptual ERD
Course Component: Skills Practice
Grading Rubric

Submission

Timeliness (49 available points)

Requirements

Must be submitted by date and time indicated in the weekly schedule.

Percent Credit	Description
100	On Time
67.3469	Late
0	Not submitted or submitted too late

File Submitted (10 available points)

Requirements

Submit only 1 file.

File type must be .PDF.

File name includes student name.

File name meets all requirements stated in assignment instructions.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Conceptual Data Model Using an ERD

Completeness (20 available points)

Requirements

Diagram should include entity types to support all use cases included in the scope.

Diagram should include relationships to support all use cases included in the scope.

Diagram should include attributes to support all use cases included in the scope.

Each entity type should have a designated identifier.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Technique (21 available points)

Requirements

Entity types must be represented as rectangles.

Entity types must have singular names that are nouns or noun phrases.

Attributes must be represented as text entries within the rectangles.

Identifiers must be distinguished from other attributes (with PK or other notation).

Relationships should have names that are verbs or verb phrases. Relationships surrounding associative entities need not be named.

Cardinality should be indicated at both ends of the relationship line using crow's foot notation.

Cardinality values should be appropriate to implement the scope.

Relationships that hold data must be represented with an associative entity that includes the attributes needed to hold the data.

An attribute should appear on only one entity type (Conceptual data models should not carry redundant data).

Attributes should be located on the one entity type on which they depend.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Grade Adjustments

Adjustment (100 available points)

Requirements

Assignment must be submitted on time.

Work submitted must show good faith effort on all parts of the assignment.

All directions included in the instructions must be followed.

Percent Credit	Description
0	Meets all expectations. No additional credit needed to meet a minimum score of 85.
0	Meets all expectations. Some additional credit needed to meet a minimum score of 85.
0	Does not meet expectations.
0	Not submitted or submitted too late.

Net Available Points = 100