

## CMSC210 (Fall 2003) Comprehensive Exercise Self-Evaluation Form

Module / Problem	B / Circle: 1 2 3
Your name	
Group member(s)	
Self-evaluation (between 0 and 10)	
Adjustment by the instructor	

**Performance Goals** (expected outcomes and abilities to be observed as a result of successful learning)

1. Model a variety of real-world phenomena as mathematical structures.
2. Analyze whether a mathematical structure satisfies a collection of logical statements.
3. Specify mathematical structures using logical statements.
4. Analyze, distinguish, and relate mathematical structures with respect to their components and the properties associated with the components.
5. Identify cases where (i) different set of logical statements satisfy the same mathematical structures, and (ii) a set of logical statements satisfies multiple mathematical structures including unintended ones.
- ~~6. Convince others that the modeling process is logically sound, using proofs and other methods of justification.~~

**Justification referring to the performance goals and quoting group member(s) [use their initials]:**

Instructions:

- For each performance goal, identify relevant exercise(s). Demonstrate that you achieved the goal by reflecting on your answers and your responses to the instructor's comments. In your writing, clearly *connect* performance goals and exercises (or parts of them) [by the way, is it a relation?].
- Think carefully about what kind of argument would be *convincing*.
- Quote your group member(s) in support of your ability to convince others. Such a quote should include *reasons* why they are convinced.