## **TA Duties and Rationale for the UMn Model**

| Notes: |  |
|--------|--|
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |

| TA Orientation 2006 TA Duties and Rationale for the UMn Model for Introductory Courses | Activity #1 |
|--|-------------|
| Notes:   |             |
|  |             |
|  |             |
|  |             |
|  |             |
|  |             |
|  |             |
|  |             |
|  |             |
|  |             |
|  |             |
|  |             |
|  |             |
|  |             |
|  |             |
|  |             |
|  |             |
|  |             |
|  |             |
|  |             |

## The Force Concept Inventory (FCI) and Alternative Conceptions

| ធា  |  |
|---|--|
| I don't think students really have the misconceptions shown on the FCI. The multiple choice format has too many problems. | I disagree. I think that students<br>Would show the same mis-<br>Conceptions in open-ended<br>Questions. |
| Instructor 1  | Instructor 2   |
| Do you agree with Instru<br>neither instructor? Expl  |  |
| What evidence would<br>resolve the issue?   | l do you think would   |
|   |  |

| Notes: |                 |      | <br> |
|--------|-----------------|------|------|
|        |                 |      |      |
|        |                 |      |      |
|        | <br>            |      |      |
|        |                 |      |      |
|        |                 |      |      |
|        | <br>            | <br> |      |
|        | <br><del></del> | <br> | <br> |
|        | <br>            | <br> | <br> |
|        |                 |      |      |

| Notes: |  |
|--------|--|
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |
|        |  |