**General Physics II** - Homework Checklist                         Name _____

Please complete and staple this sheet on top of your homework assignment.        Assignment number _____

The first two assignments (HW01 & HW02) must have this sheet attached to the front. These assignments will not be accepted without this checklist.

___ Name, course number, due date, assignment number on upper right corner of <u>each page</u>.
___ Questions/problems clearly labeled in left margin in requested format (*i.e.,* Q 2-5, P 4-34).
___ Staple in upper left-hand corner.
___ Only one side of the page of 8.5" × 11" loose-leaf paper used (please, no pages ripped from spiral-bounds).
___ Handwriting is legible and work is well-organized.
___ Appropriate variable names (see textbook) are used for all physical quantities (*e.g.*, m for mass, v for velocity).
___ All physical quantities should include correct units.
___ Insure that the work you turn in is your own and not copied from a classmate or data-mined from the web.

For all questions, you should include ...
___ a <u>brief</u> summary of the question (so you can understand it without the text).
___ a reproduction of any relevant figures from the text and/or your own relevant sketches.
___ a statement of the overlying principle behind the question.
___ the use of appropriate variable names for all physical quantities.
___ clear, well-labeled sketches, free-body diagrams, vector diagrams, before/after sketches (when applicable).
___ answers to the questions <u>with an explanation</u> as to the reasoning behind your responses. Answers without any explanation will be given zero credit.

For all problems, you should include ...
___ a <u>brief</u> summary of the problem (so you can understand it without the text).
___ a statement of the overlying principle behind the problem (your starting point) and any associated equations.
___ a list of all given (known) quantities in <u>complete mathematical statements</u> (including units and any conversions).
___ the use of appropriate variable names for all physical quantities.
___ a reproduction of any relevant figures from the text.
___ clear, well-labeled sketches, free-body diagrams, vector diagrams, before/after sketches (when applicable).
___ a clear definition of a coordinate system, if applicable.
___ a series of statements on how you are solving the problem (narrative).
___ any suitable graphs generated from a spreadsheet, Maple, or MATLAB.
___ a copy of any Maple or MATLAB (or other) code used to solve any aspect of the problem.
___ any blank formulae that you are using for the solution
___ complete and valid mathematical and algebraic statements in a logical order.
___ final result/answer boxed or circled expressed as a complete mathematical statement with a reasonable number of significant figures and appropriate units.
___ a reflection on your final result (Does it make sense? What does it mean?).