Total: _____/20

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Section: ABA

Report Guidelines: ___/20

For this report you will need three files:

      1.) LabReport0.m (the main file that runs the other two)
      2.) StepResponseMetrics.m (a file you will edit to show M_p, t_r and t_{ss})
      3.) controllerlab0.mdl (A SIMULINK model)

All three files must be saved in the same directory. You only need to edit StepResponseMetrics.m. You can run all three by typing **LabReport0** in the Matlab command window because LabReport0.m calls the other two files.

What to hand in:

M_p, t_r, and t_s for a transfer function ECE 486
03-Feb-2026

Legend:
- Mp = 1.3509%
- 10% (rise time) = 0.424s
- 90% (rise time)
- 95% (settling time) = 2.5156s
- 105%
- 100% (Value$_{steady-state}$)