





Tentative topics:

protein structure and geometry, protein sequence alignment and analysis, homology modeling and alpha fold, PDB files, visualization, protein geometry calculations, protein fold classification using machine learning, elastic network models for protein dynamics modelling, molecular dynamics

Homework policy:

- For assignments the late penalty is 1% per hour after the moment that it is due. Due dates are specified with a date and time in local time. For example, if an assignment's due date is 11:59pm on Monday night and it is turned in on 11:59pm Tuesday night it is 24 hours

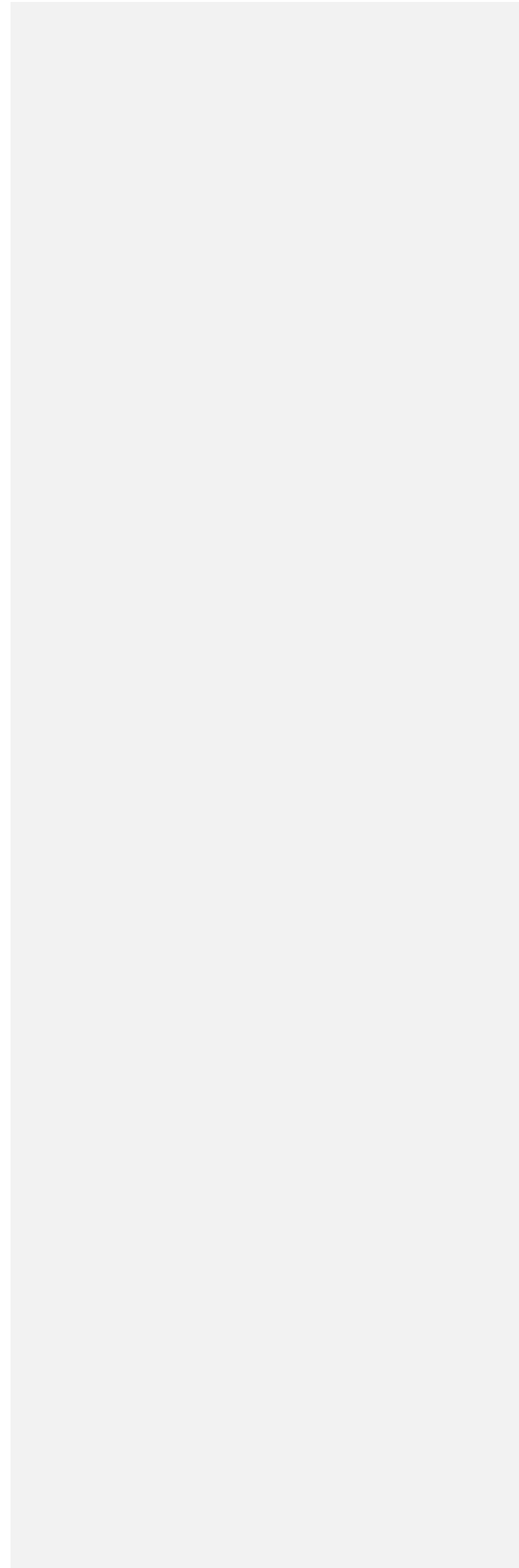
Project presentation and report should address each of the above issues in more details, and in addition, present results and discussions.

As the class progresses I reserve the option to alter the percentages to reflect the way the class unfolds.

**Grade Scale:** the standard grading scale.

**Course topics** (subject to change)

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## Emergency Procedure

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