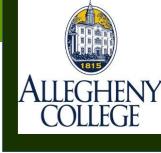
Bioinformatics CS300

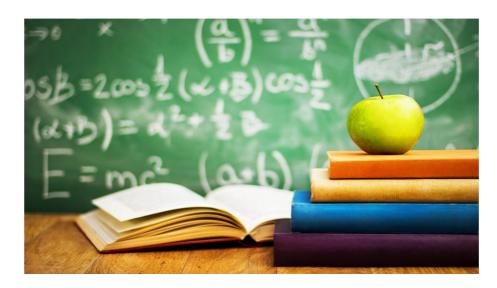
Exam 2 Notes

Spring 2021 Oliver BONHAM-CARTER

Exam 2



- Released on Wednesday 5th May at 10:40am
- Due on Thursday 6th at 10:40am
- Multiple choice and written components
- Conceptually-oriented, concerning material from class discussion, slides and activities
- Slides and notes for structure, use the book for detail



General Topics

ALLEGHENY COLLEGE

- Gene sequencing
- Horizontal gene transfer
- Blast, tasks and outputs
- Annotation tasks for a newly sequenced genomes
- Gene prediction; concepts
- Genomes; main differences in terms of annotation
 - Prokaryotic and Eukaryotic
- Substitution matrices
- Translation of Genes in DNA
- Open reading frames, NCBI's ORF finder tool
- Gene prediction landmarks
- Protein Folding