

# CVGS Biology 101 Schedule Dr. Lindeman

## Fall 2011 ~Labs at CVCC unless noted.

CVCC Lab Room 2311

Date	Lecture Topic- Starr 12 <sup>th</sup> edition	Lab Topic (Perry, Perry & Morton, 2006)
Mon Aug 15-19th Mon Aug 22 – Fri, Aug 26	Ch 1 Invitation to Concepts & Methods in Biology	August 16 – Field Study Ivy Creek Park August 23 at CVCC Ex 1 Scientific Method
Mon, Aug 29– Fri, Sep 2	Ch 2 Life's Chemical Basis Ch 3 Molecules of Life	Ex 2 Measurement & pH handout
Mon, Sep 5	<b>NO CLASSES</b>	
Tue, Sep 6 – Fri, Sep 9	Ch 3 continued	Sept 6 –Field Study Ivy Creek Park meet at CVGS
Mon, Sep 12 – Fri, Sep 16	Ch 4 Cell Structure & Function	Ex 5 Macromolecules
Mon, Sep 19 – Fri, Sep 23	Ch 5 A Closer Look at Cell Membranes	Ex 7 Diffusion & Osmosis
Mon, Sep 26 – Fri, Sep 30	Ch 6 Ground Rules of Metabolism	Ex 3 Microscopy Ex 6 Structure & Function of Living Cells
Tuesday Oct. 4– Fri, Oct 7	Ch 7 Where it Starts – Photosynthesis No School on Oct 3	Ex 8 Enzymes (handout), formal lab write-up
Mon., Oct 10 – Fri, Oct 14	Ch 8 How Cells Release Energy	Possible Field trip - TBA
Mon, Oct 17 – Fri, Oct 21	Ch 13 DNA Structure & Function Ch 14 From DNA to Protein	Ex 9 Photosynthesis
Mon, Oct 24 – Fri, Oct 28	Ch 15 Control Over Genes	Ex 10 Respiration (handout)/ finish Photosynthesis
Mon, Oct 31 – Fri. Nov 4	Ch 20 The Origin & Early Evolution of Life	Lab on Thurs at CVCC Survey of Kingdoms Ex 19 Eubacteria & Protistans I Ex 20 Protistans II
Mon, Nov 7 – Fri, Nov 11	Ch 21 Prokaryotes & Viruses	Ex 26 Sponges & Cnidarians Ex 27 Flatworms & Rotifers Ex 28 Segmented Worms & Mollusks
Mon, Nov 14 – Fri, Nov 18	Ch 22 Protists- simple eukaryotes (Ch 24 Fungi) Ch 25 Animals: Invertebrates	Ex 29 Roundworms & Joint-Legged Animals Ex 30 Echinoderms, Invertebrate Chordates Ex 31 Vertebrates
Mon, Nov 21 – Tues Nov 22	Ch 26 Animals: Vertebrates	At CVGS Ex 14 Nucleic Acids, Biotech #1 DNA extraction, Mitosis/Meiosis Lab Activities, Hela Cells
Thurs. 25 – Fri, Nov 27	<b>NO CLASSES</b> <b>Thanksgiving Break</b>	
Mon, Nov 28 – Fri, Dec 2	Ch 9: How Cells Reproduce: Mitosis Ch 10 Cell Division: Meiosis	<b>Animal Kingdom Lab practical at CVCC</b> Biotech Lab #2 Colony Transformation pBlue
Mon, Dec 5 – Fri, Dec 9	Ch 11 Observable Patterns of Inheritance Ch 12 Human Genetics-lab activity	At CVGS Biotech #3 Restriction Analysis Text Ch 16 Studying & Manipulating Genes
Mon, Dec 12 - 16	Bio Forum on Dec. 12 <sup>th</sup>	No lab this week
Tues. Dec 13	Bio 1 <sup>st</sup> semester exam	Final date to turn in work by schedule Dec. 16.

Lecture Testing Dates:

Test I Sept 7      Test II October 13      Test III Nov 3      Test IV Dec 1      Exam Dec. 13