BIOL 1108 Principles of Biology II (4 credits) Syllabus

Lecture Conduct:

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FALL 2011 TENTATIVE LECTURE SCHEDULE

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EXAM 1
C p L n N Lion
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Physiology Related Topics Covered on MCAT SPECIALIZED EUKARYOTIC CELLS AND TISSUES SPECIALIZED EURARYOTIC CELLS AND HISSUES A. Nerve Cell/Neural -Ce ody 'eo n'ec' fad o fae e -A on 'ho he fano on -mye n'ec' ho con -Mye n'ec' c fance o odend oeye n'h con o € on yn he eo phepopton e eence yn he eo phepopton e eence yn he eo phepopton e eence yn he eele yn the no octe yn he no c-the d-popton e eence yn he hee e - en poenteec ee cthen - Ac on poente te ed to yn he heele cod he poton e -Node o ¶e oenpopttonone e pteton o n B. Muscle Cell/Contractile - A had h oc ond a ned hacece Ah ohace - O haz a on o con he eee en had yo n ten co de dn een ode - Cache han on hoo hace ee en had yo n ten co de dn een ode - Cache han on hoo teop a cechh - Cache han on hoo yo n - Co ee had A had M had Z ne zone ene a had A had m had Z ne zone ene a had opo yo n C. Other Specialized Cell Types - pre a cac ee sype peep eh had ee ep. eh - ndo e cac - Connec e hace a had end ee sype e ype oo e had en e had e had ee sype e ype oo e had had ee had ee sype e ype NEVOUS AND ENDOCRINE SYSTEMS A. Endocrine System: Hormones NERVOUS AND ENDOCRINE SYSTEMS A. Endocrine System: Hormones - Inco no endoc ne y e pec cce ccon o cce - e n on o endoc ne ind o one - M co endoc ne ind n c e occon p od c - M co endoc ne ind n c e occon p od c - M co endoc ne ind n c e occon p od c - M co endoc ne ind n c e occon p od c - M co endoc ne ind n c e occon p od c - M co endoc ne ind n c e o one - M co endoc ne ind n c e one - Ce in c in o o one in c e - pec cc y o o one odd e c - pec cc y o o one odd e c - pec cc y o o one in c e in c - pec con o ind n c e ono ody y e - e pon e oe e e n c n in ence - e pon e oe e e n c n in ence - e non e oe e e n c n in ence - e non e oe e e n c n in ence - e non e oe e e n c n in ence - e non e oe e e n c n in ence - e non e oe e e n c n in ence - e non e oe e e n c n in ence - e non e oe e e n c n in ence - e non e oe e e n c n in ence - e non e oe e e n c n in ence - e non e oe e e n c n in ence - e non e oe e e n c n in ence - e non e oe e e n c n in ence the conscional conscio

D. Nervous System: Sensory Reception and Processing

n p op ocep ♥e and o *c en o

O *c on *c.e

-O & on , \(\xi_c \) = \(\epsilon \), \(\epsilon