MOLECULAR BIOLOGY II: REGULATION OF GENE EXPRESSION
SC/BIOL 3130 3.0, Section M
WINTER 2010

PREREQUISITE: SC/BIOL 3110 3.0 or SC/BCHM 3110 3.0

COURSE DIRECTOR: Dr. Katalin Hudak
A304 Farquharson Bldg.
hudak@yorku.ca
Phone: 736-2100 x33470

LECTURES: Monday, Wednesday and Friday 12:30-1:30 pm, Curtis Lecture Hall J
Powerpoint lectures will be posted on WebCT

TEXT: “Molecular Biology” by Robert Weaver (2008), Fourth edition,
WCB/McGraw Hill, on reserve in Steacie Library and for sale at bookstore

GRADING: Two mid-term tests, 25% each = 50%
Final Cumulative Exam = 50%

GENERAL TOPICS:
Prokaryotes - Transcription, operons, DNA-protein interactions
Eukaryotes - Transcription, factors and activators, pre-mRNA splicing,
mRNA stability, translational control of gene expression

DROP DEADLINE FOR THIS COURSE IS MARCH 8th, 2010

IMPORTANT COURSE INFORMATION: University policy, procedures and
regulations on Academic Honesty/ Integrity, Access/Disability, Student Conduct,
Religious Observance Accommodation, etc. are available on the Committee on
Curriculum and Academic Standards (CCAS) website
http://www.yorku.ca/secretariat/senate_cie_main_pages/ccas.htm