



'HSDUWPHQW RI )UHQFK 6WXGLHV  
)UHQFK % ± :ULWLQJ WH[WV

&RXUVH RXWOLQH IRU :LQWHU

\$OWKRJK WKLW DFDGHP IGLNHHUHQW JKWVWHLUQFROPIYMWVHG  
WKULYLQJ F:DPISQFRXUDJH \RX WRJEKWHDFNBRXWG WZHEMISMHLHQ  
WR PDQDJH \RXU DFDGHPLFV DQG ZHORZEGLQQLQSGSLURYL  
L DYDLDEOH UHVRXUFHV WR P\$€€DIDYDLO

6WDEOH LQWHUQHW FRQQHFWDLRQRU FRPSXWHU

:RUNLQJ PLFURSKRQH :RUNLQJ ZHEFDP

&RXUVH 2YHUYLHZ DQG ,PSRUWDQW 'DWHV

'HOLYBHG	'DWHV	7LPH
2QOLQH	:HQHVGD	SP <sub>2</sub> SP

'HWDLOV DERXW GHVRIQWKGFBKIOVREZUGOHLFWLHQEHO

&ODVVHV 6WDUD%,%35HDGLQ

&RXUVH 'HVFULSWLRQ DQG 'HVLJQ

*Prerequisites*

7ZR FUHGLWV IURP )UHQFK \$ % )UHQFKRU )UHQFKRU H QFK  
SHUPLVVLRQ SRUWPHHQW KFDYDGRHQW ~~Prerequisite~~ UHQFK

*Description*

7KLV FRXUVH ZLOO HQDEOH VWXGHQW QLWIRWLRQSURYNHOVKHLQ Y  
HPSKDVLV ZLOO EH SODFHG RQ WKH SUDEMOLEWIOHG HYKIDRSPK  
H[HUFLVHV DQG D UHYLHZ RI WKH SWLRQV SUKHWRUJERPS RWWV  
QDUUDWLRQ DUJXPHQW ZULWQLQJ WPHFKDQLFV /R

/H DUQLQJ 2XWFRPHV

- WUDYHUV GHV H[IRU EIVF HGH VG BIF VGLPHUW SVI pFHU LGHEFQWU UDppWXX GL  
 VH IDPLOLDULVHUD GpPHFU LGHXUJH Q LHHUWIDH GEMV MVM FDKQLXT XHV S  
 FHX[ FL  
 DPpOLRUHUD VD FpSIDFS D/p p FVUJHM/S HQH VUDXOM B W W VGLY HUV HW  
 VLWXDWLRQV GH FRPPXQLFDWLRQ YDULpHV  
 FRQWLQXHU DLWRQ JHS S X HGRV D X VDDQJ S H Vj W JUDFYTH LVLWLRQ GH  
 JUDPPDWLFD OHV FR RFFH GDI V RQFRSUG OLV D WU R Q VG D F R V Q OH FV  
 ORJLTXH V HW GH S U p S R X U W L R D S / S R O E W p O D G Y X Q L Y O H D X S U R Q R P  
 UHODWLIV OD SR Q F W X B Q U R Q K L H W F L U H Q W G X Y R F D E X O D  
 DSSUHQGUD HW PHWW S D R H Q G S U V D W K p T V O R L U G M T L X H H W V W  
 GpYHORSSHU D VRQ S H Q V L G H X D U D D p W H K R G H H W G H D U X p V G R F R W L L R H F W  
 VHUD VHQVLEL Q W p p G H O D D G E X O W X U H I U D Q F R S K R Q H

/p WXGLDQW O p W X S H D F R X H V T X H W p X H Q I P H D X U H G H  
 pFULUH GHV WH[W H V H G H E Q H Q V X W H X G M V G H U p D L C F O p D L V X U H X Q V X M  
 VXLYDQW GHV FRQWUDLQWHV VW\OLVWLTXH V HW IRUPHOOHV  
 pFULUH GHV WH[W G W T X Q L G p U J H O P H S W H D W K R G L G H X H D H Q Q R X O L J  
 PDQLqUH DGpTXDWHR W M D Q S R V L Q H W V H L Q S F W L O X U D C O V R J L T X H F R O S S  
 pFULUH GHV GHV F U L S T M L Y R Q W p E D E R U I W M U S H E M S R X L I H Q D F L Q D L U  
 LQGLTXDQW OD UHODWLRQ HQWUH O H Q V U L H G p S H F G D Q W X Q H W H [ p  
 JHQUH HQ TXHVWLRQ  
 pFULUH GHV V W H L S W V I G H W G H I L F E V L I H R Q Q F R Q D / W U U X L G p W B D Q O p X  
 DSSURSULp DX OHFWHXU YLp

&RXUVH &RQWHQW DQG 6FKHGXOH

:HHN	'DWHV	7RSLF
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		Journal hebdomadaire
	0DU	/H WH[WH DUJXP HQWDWLI 0DQXHO FKDS Journal hebdomadaire
	0DU	/H FRPSWH UHQGX FULWLTXH 0DQXHO F Journal hebdomadaire
	0DU	/D GLVVHUWDWLRQ H[SOLF DWLYH 0DQXH * Remise du Compte rendu critique Journal hebdomadaire
	0DU	&RQFOXVLRQ JpQpUDOH * Remise des Journaux hebdomadaires (semaines 1 à 12)

2QOLQH 3DUWLFLSDWLRQ DQG (QJDJPHQW



- 6WXGHQWV DUH H[SHFWHG WR SDUWLFH ~~SBWHD~~ ~~DSB~~ ~~VHQJ~~
- 6WXGHQWV FDQ SDUWLFLSDWH ~~G~~ ~~X~~ ~~H~~ ~~L~~ ~~O~~ ~~Z~~ ~~D~~ ~~W~~ ~~F~~ ~~K~~ ~~H~~ ~~V~~ ~~M~~ ~~R~~ ~~Q~~ ~~V~~ ~~L~~ ~~U~~
- 6WXGHQWV FDQ DOVR SDUWLFLSDWH ~~K~~ ~~E~~ ~~W~~ ~~K~~ ~~L~~ ~~O~~ ~~W~~ ~~H~~ ~~S~~ ~~B~~ ~~F~~ ~~H~~ ~~V~~ ~~C~~ ~~L~~ ~~Q~~ ~~V~~ ~~W~~ ~~U~~ ~~X~~ ~~F~~ ~~W~~ ~~R~~ ~~U~~ ~~V~~

(YDOXDWLRQ

%HORZ LV WKH HYDOXDWLRQ FURXUVGRZQ OGHYLFWRQQLFDWH

\$VVHVPHQW )RUPDW JKWLQ :MH 'DWH		
7HVW PLQ ,Q FODVV YLD 2:/	WK	-DQXDUL
7H[WH PLQ ,Q FODVV YLD 2:/		\ U)HEUXDU
7H[WH PLQ V Y,QDFD:DV		)HEUXDU\
&RPSWH UHQGXV LJQPHQW		<sup>W</sup> <del>D</del> <del>b</del> <del>e</del> <del>s</del> <del>s</del> <del>m</del> <del>i</del> <del>t</del> <del>t</del> <del>e</del> <del>d</del> <del>i</del> <del>n</del> <del>g</del> <del>i</del> <del>n</del> <del>g</del> <del>h</del> <del>r</del> <del>o</del> <del>u</del> <del>g</del> <del>h</del> <del>o</del> <del>u</del> <del>s</del> <del>s</del> <del>i format through OWL via email to the Instructor (.../Messages/Compose Message/To: Lawson-Hellu (llawsonh))</del>
-RXUQDX[ \$VVLJQPHQW KHEGRPGLUHV VHPDLQHV		<sup>V</sup> <del>D</del> <del>b</del> <del>e</del> <del>s</del> <del>s</del> <del>m</del> <del>i</del> <del>t</del> <del>t</del> <del>e</del> <del>d</del> <del>i</del> <del>n</del> <del>g</del> <del>i</del> <del>n</del> <del>g</del> <del>h</del> <del>r</del> <del>o</del> <del>u</del> <del>g</del> <del>h</del> <del>o</del> <del>u</del> <del>s</del> <del>s</del> <del>i format through OWL via email to the Instructor (.../Messages/Compose Message/To: Lawson-Hellu (llawsonh))</del>



- \$OO DVVLJQPHQWV ~~SRU~~ ~~H~~ ~~6~~ ~~X~~ ~~H~~ ~~O~~ ~~D~~ ~~W~~ ~~V~~ ~~V~~ ~~R~~ ~~W~~ ~~K~~ ~~H~~ ~~G~~ ~~Z~~ ~~L~~ ~~V~~ ~~H~~ ~~V~~ ~~S~~ ~~H~~ ~~F~~ ~~L~~
- 9LUWXD ~~O~~ ~~Q~~ ~~S~~ ~~I~~ ~~Z~~ ~~R~~ ~~F~~ ~~O~~ ~~R~~ ~~B~~ ~~H~~ ~~X~~ ~~V~~ ~~H~~ ~~G~~
- :ULWWHQ DVVLJQPHQWV ~~Z~~ ~~L~~ ~~O~~ ~~O~~ ~~K~~ ~~Y~~ ~~B~~ ~~B~~ ~~X~~ ~~O~~ ~~X~~ ~~P~~ ~~E~~ ~~W~~ ~~H~~ ~~Q~~ ~~Z~~ ~~V~~ ~~W~~ ~~R~~ ~~7~~ ~~X~~ ~~U~~ ~~Q~~ ~~L~~ ~~W~~ ~~L~~
- 5XEULFV ZLOO EH ~~X~~ ~~D~~ ~~W~~ ~~G~~ ~~I~~ ~~W~~ ~~R~~ ~~H~~ ~~Q~~ ~~D~~ ~~O~~ ~~X~~ ~~D~~ ~~O~~ ~~G~~ ~~H~~ ~~Z~~ ~~L~~ ~~O~~ ~~O~~ ~~E~~ ~~H~~ ~~K~~ ~~S~~ ~~R~~ ~~Q~~ ~~W~~ ~~W~~ ~~U~~ ~~X~~ ~~F~~ ~~V~~
- \$IWHU DQ DVVHVPHQWV ~~M~~ ~~O~~ ~~W~~ ~~G~~ ~~H~~ ~~Q~~ ~~U~~ ~~M~~ ~~W~~ ~~X~~ ~~K~~ ~~O~~ ~~R~~ ~~Z~~ ~~O~~ ~~L~~ ~~J~~ ~~H~~ ~~V~~ ~~W~~ ~~K~~ ~~R~~ ~~H~~ ~~U~~ ~~G~~ ~~E~~ ~~D~~ ~~F~~ ~~N~~ ~~F~~ ~~R~~ ~~Q~~ ~~W~~ ~~D~~ ~~F~~ ~~W~~ ~~L~~ ~~Q~~ ~~J~~ ~~W~~ ~~K~~ ~~H~~ ~~I~~ ~~Q~~ ~~X~~ ~~I~~ ~~Y~~ ~~D~~ ~~O~~ ~~X~~ ~~V~~ ~~W~~ ~~R~~ ~~H~~ ~~O~~ ~~W~~ ~~R~~ ~~X~~ ~~S~~ ~~Z~~ ~~Q~~ ~~W~~ ~~K~~ ~~L~~ ~~O~~ ~~H~~ ~~D~~ ~~F~~ ~~K~~ ~~V~~

&OLFNUIRU D GHWDLOHG DQG FRPSUHKHQVLYH VFRQFRIUQRQLH  
H[DPHQDWLRQV DQG ~~E~~ ~~J~~ ~~O~~ ~~D~~ ~~E~~ ~~L~~ ~~H~~ ~~O~~ ~~R~~ ~~Z~~ ~~R~~ ~~I~~ ~~X~~ ~~W~~ ~~O~~ ~~W~~ ~~Q~~ ~~Z~~ ~~V~~ ~~G~~ ~~H~~ ~~K~~ ~~J~~ ~~U~~ ~~S~~ ~~D~~ ~~E~~ ~~L~~ ~~H~~ ~~I~~ ~~S~~ ~~G~~ ~~H~~ ~~V~~ ~~I~~ ~~F~~ ~~U~~ ~~L~~ ~~S~~

\$ 2QH FRXOGH ~~V~~ ~~S~~ ~~D~~ ~~R~~ ~~W~~ ~~H~~ ~~O~~ ~~D~~ ~~W~~ ~~W~~ ~~X~~ ~~G~~ ~~H~~ ~~R~~ ~~W~~ ~~D~~ ~~W~~ ~~W~~ ~~K~~ ~~L~~ ~~V~~ ~~O~~ ~~H~~ ~~Y~~

\$		6XSHULRU ZRUN ZKLFK LV FOHDUO\ DERYH DYH
%		*RRG ZRUND <del>PHUMIT</del> LUHPHQWWD <del>DLQG DFFMLRQ</del> LUHQW

3URIHVVLRQDOLVP 3ULYDF\

:HVWHUQ VWXGSHGWHGWRHROORZWKRGH \$GGIRWLRQFDOO\ WKH  
H[SHFDWLRQV DQGGSRM\ DLSRQDORFWKLV FRXUVH

- 6WXGHQWV DUH H[SRQWGB MRLTRXOVRZRYL[SHGVRQWZ:RQV
- \$OO FRXUVH PDWHWIKDOLQFVWUDVFWRWHG DQG FBQQRWKEH VRO
- 5HFRUGLQJV DUH DQGLSRUPYWGHRG ZHWREXWL RQSOLFLW
- 3HUPLWWHG UHFRWGLRJEH DGLH WULEXWHG
- 6WXGHQWV ZLOO EHDQ[SHFDGHELR QMDNHRUWVSRHGDVHVVPFH
- \$OO UHFRUGHG VHVZLWRLVQZWKGBFRQDMDHGLWIHVRWVXDPHG

+RZ WR %H 6XFFHVVIXO LQ WKLW &ODVV

6WXGHQWV HQUROVKRXLGGWKQLGHFDVWVWGWVGRPOHDYHO VHOI GL  
UHTXLUHG WR EH VXFFHVVIXO

,QYHVW LQ D SODQQHU RU DSSOLFDFWRQ 3VRSXNDHSH WLO  
GHDGOLQHV DW WKH VWDUW RI WKH WWRPI DQG KVEKHGXV  
RUJDQL]HG DQG PDQDJH \RXU WLPH  
ODNH LW D GDLO\ KDELW WR ORJ RQWR 2UA WWRLEQQ VSRUHWFR  
\RX VXFFHHG LQ WKLW FODVV  
)ROORZ ZHHNO\HDKHFRQRIQV:V RU FURDKHDSRVLX RZQDWRQ V  
7DNH QRWHV DV \RX ORWWRORXDM MBRXOVH UDMWR XVZBXOG  
WR IDFH FRXUVH .HSLQJ KDQGGZULW WIKDQR:RHS GRFYPH  
ZLOO KHOS \RX OHDUQ WRDQ MIXNFWWQHD GIKHJ YLGHZDFK  
&RQQHFV ZLWK RLVKHDO RZOLQH VVWXGRHJWRXGSJ DQGGDWZH  
EDVLV IRU VWXG\ DQG SHHU VXSSRUW  
'R QRW EH DIUDLG WR DVN TXHVWK RQWR SLVRXFDFINVWKH  
GLVFXVLRQ ERDUGV LQVWRVQVWRV RDMVFLVWQDQW V

\$FFRPPRGDW5RQLURXV +ROLGD\V

7KH SROLF\ RQ \$FFRPPRGDWXLRQRICLGDVYKFDQ EH YLHZH

6SHFLDO ([DPLQDWLRQV

\$ 6SHFLDO ([DPLQDWLRQ LV DQ\ H[DPLQDWLRQV WKH UDQGDQWWRKH E  
RQO\ ZLWK WKH SHUPLVVLRQ RI WKHH' HVDX QH QWK H YDFXQLWWHO HZLE  
ZLWK WKH LQVWUXFWRU DQG 'HSDUWBBBMLBBD([DP3QDWLRQLRQ\VERI  
WKH EDVLV RI FRPSDLFDLORQDQXHQBV ZHVKSDSWSWBSJLGRVFXPHQWV 7R S  
RSSRUWXQLW\ IRU VWXIGRQWKWRFLUHFRVWVQDQCHD 6SHFLDO ([DPLQ  
8QLYHUVLV\ KDV LPSOHPHQWHG 6SHFLDVH(VDPVQZHWLORQW GDWKHVV L  
LQIRUPDWLRQ DERXW H[DPLQDWLRQV DQGSHDFDGHPLF VWDQGLQJ FDC

\$FDGHPLF 2IIHQVHV

36FKRODVWLF RIHQFHVLDXVQMDNDQG FWHKSUMRWVHDGHWGLHUHSSUR  
SROLF\ VSHFLILFDLORIQRI VZKEVGIFLQDQVWVXWV2VIHQGFFKR

\$FFHVLELOLW\ 6WDWHPHQW

3OHDVH FRQWDFW WKHFLRXVXHUHQVWQXDFDWHUQDQWHLQUPDW RU LI V  
RWKHU DUUDQJHPHQWV WR PDNH WKLV FRXUPDQ DQURZEVKWRER  
\$FFHVLEOH (GXFDWLRQ \$( DW  
H@G "OCF UaA H0 0R,WLpV ‡lp € PHVER 36 IH V XGWÀPSSOHP 0

‡D SHUVRQDOVRODFNWK BQ IRU UHJXODUO\ VDIHJXDULGLH JLDFO XZRLQJ W  
ILOHV GRFXPHQWKDDW KDJYHP EHQHO/ WFWWR UVR UWXSOROVGMGXE\ WKH VV  
WKLV GRHV QRW DSSO\ WR WHVWV DQG TXL]]HV

‡ DQ LQWRHQHFWL RQ VSHHG

‡ D FRPSDWLE **Firefox, Google Chrome** D **Internet Explorer** DUH VXSSRQW HG E\  
GSHQGLQJ RQ FRQILJXUDWLRQV VWXGSHOW FPOW DQV RQV ZD UWRV K  
R **Adobe Flash**

‡ DFFHVV WR **WOW by Saka** BV R QVXGHQW ¶V ORJLQ

)RU JHQHUDO WHFKQLFDO LVVXHV **SFDHWN KHDSGHW** KWWS ZZZ

7DNLQJ 2QOLQH 7HVWV DQG 4XL]]HV

&RGH RI FRQGXFV

'LVWDQFH OHDUQLQJ FDQ RQO\ ZRUNKLFW **WQGHQW DORQHDP** XW VDA  
LQ WKLV RQOLQH FRXUVH **UnResid of WeStar Ontario Code NorStMhC** Conduct  
KWWS ZZZ XZRS **ED RDMVGHFRGH** **Scholastic Discipline For Undergraduate**  
**Students** KWWS ZZZ ZHVWHUQFDOHQGDU XZR FD SJ KWPO

8OWLDPWHO\ HDFK VWXGHQW LV UH **DERQHYLEPHQIRV** KLGGRW KLVULQ  
WKDW \RX ZLOO WDNH RQOLQH H[DPLQDW





6XSSRUW 6HUYLEFHV

7KH IROORZLQJ OLQNV SURYLGH LQIDWPDHWLVRQDEROXW HUXSIRUW VH

\$FDGHPLF &RXQVHODQG% D6FLHQHGLFDO 6FLHQFHV

\$SSHDO 3URFHGXUHV

5HJLVWUDULD 6HUYLEFHV

6WXGHQW 'HYHORSPHQW 6HUYLEFHV

6WXGHQW +HDOWK 6HUYLEFHV