*V\YZL :`SSHI\Z

6RPHWLPHV WKH EHVW VRXUFH RI DGYLFH LV \
WR WKH ZKROH FODVV , DGYLVH6XRSRRUWSRVW

GLVFXVVLRQ RQ &DQYDV <RXU 7$ DQG , ZLOO
GLVFXVVLRQ WR VHH LI WKHUH V DQ\WKLQJ ZR

7R TXLFNO\ QDYLJDWH WR VSHFLILF VHFWLRQV RI WKLV SDJH

6\OODEXV $VVHVVPHG&WKHGX&RXUVH 6XPPDU\

:`SSHI\Z

, &RXUVH 'HVFULSWLRQ

7KLV FRXUVH H[SORUHV KRZ LQIDQWV DQG \RXQJ FKLOGULHQ
WKH DFTXLVLWLRQ RI SKRQHWLF DQG SKRQRORJLFDO SDWWH
V\QWDFWLF DQG PRUSKRORJLFDO NQRZOHGJH RXUVH ZLOO DOVK
VRPH H[DPSOHV RI DW\SLFDO ODQJXDJH GHYHORSPHQW ELO
DQ FKLOG ODQJXDJH DFTXLVLWLRQ LQ LQGLJHQRXV ODQJXDJ
DQG PHWKRGRORJ\ ZRXOG ZRUFRYLHUWGLV FRXUVH ZLOO DOVR
WRROV WR H[SORUH ODQJXDJHLGHYHXORPSHQWDELHQ RU\RXQJ
OLYHV L H IDPLO\ PHPEHUV¶ RU IULHQGV¶ FKLOGUHQ

,, 3UH UHTXLVLWHV &RXUVH)RUPDW DQG 5HTXLUHG 7

/RZHU OHYHO FRXUVH UHTXLUHPHQWV DQG RQH RI /LQJ :
WKLV FRXUVH EXW PXFK RI WKH PDWHULDO IROORZV WKH W
UHFRPPHQGHG UHDGLQJ IRU WKLV FRXUVH

6D[WRQ 0DWWKHZ &KLOG /DQJXDJH 6$FTXHXSXEOLRQDWLR

- - , ZLOO OHDUQ DERXW ZKHQ LQIDQWV DQG FKLOGUHQ E
  - , ZLOO NQRZ ZKHQ FKLOGUHQ EHJLQ FRPSUHKHQGLQJ
  - , ZLOO OHDUQ DERXW SDWWHUQV RI DW\SLFDO ODQJXD

- &RPPXQLFDWLQJ .QRZOHGJH LQ WKH DELOLW\ WR FRPPXQ ODQJXDJH DFTXLVLWLRQ LQ LQWHUHVWLQJ VXFFLQFW QRQ H[SHUW OLNH D SDUHQW 7KLV ZLOO EH DVVHVVHG DVVLJQPHQW DQG WKH LQGLYLGXDO EDVHG ILQDO SURM
  - , ZLOO UHILQH P\ DELOLW\ WR GLVFXVV FRQFHSWV DE QRW H[SHUWV LQ WKLV ILHOG EXW DUH LQWHUHVWHG
  - , ZLOO JHQHUDWH SUDFWLFDO LGHDV IRU GHPRQVWUD KRXVHKROG FRQWH[WV

- 3URIHVVLRQDO 7UDLQLQJ $FTXLUH WRROV IRU IXUWKHU ODQJXDJH GHYHORSPHQW 7KLV ZLOO EH DVVHVVHG WKU TXL]]HV DQG WKH ILQDO H[DP)RU H[DPSOH
  - , ZLOO OHDUQ KRZ WR DQDO\]H OLQJXLVWLF GDWD IUR
  - , ZLOO OHDUQ KRZ WR UHDG SULPDU\ VRXUE0 €PH €PPH

$ SRUWLRQ RI WKLV FRXUVH LQYROYHV ZRUNLQJ LQ JURXSV
SHHUV LQ WKH FODVV DERXW FRXUVH PDWHULDO <RX ZLOO
PDMRU DVVLJQPHQWV WKHQ DOO JURXS PHPEHUV ZLOO VXE
SURMHFW ZKHUH SHUIRUPHG E\ ZKLFK JURXS PHPEHUV DQG
*URXS ZRUN FDQ EH FKDOOHQJH EXW LW FDQ DOVR EH D,Q R
HQFRXUDJHODU SUH VFKHGXOHG PHHWLQJ WLPHV H J   HYH
JURXS ZRUN LQ D RQOLQH" IRUXP RI \RXU JURXS¶V FKRLFH

9, /HWWHU *UDGHV

)LQDO OHWWHU JUDGHV ZLOO EH FDOFXODWHG IURP WRWDO

$	%	&	'
$	%	&	)
$	%	&	)' $FDGHPLF GLVKRQHVW\

9,, 5HVHDUFK (QJDJHPHQW

6WXGHQWV ZLOO EH DEOH WRSRLQWV XSRQ PRPLHZXRRLPDLFFXR
  5HVHDUFK 3DUWLFLSDWLRQ 6\VWHP 536 FUHGLWV 536 FU
7KH\ RQO\ UHSODFH SRLQWV WKDW DUH ORVW RQ WKLV DVVL
YDOXH E\ FRPSOHWLQJ DGGLWLRQDO 536 FUHGLWV 7KHVH F
WKH 'HSDUWPHQW¶V 536 VLWH
 KWWSV   ZZZ VIX FD OLQJXLVWLFV UHVHDUFK UHVHDUFKBSD

(ZZLZZTLU[Z

ZKLV WDEOH LV DO RYHUYLHZ RI WKH FRXUVH JUDGLQJ &OL
    5HVHWWLQJ WKH WHVW VWXGHQ   D
  <RX DUH FXUUHQWWDOO ORVWVHWG\ IRU WKLV VWXGH   J
 Ø LQWR 6WXGHQW 9LHZZR YLHZ WKH FRXUVH DV D EUDQG
    QHZ VWXGHQW

* V \ Y Z L   : \ T T H Y ` !

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	Ù [(https://canvas.sfu.ca/courses/86328/assignments/1006735)](https://canvas.sfu.ca/courses/86328/assignments/1006735)	due by 11:59pm
Wed Sep 18, 2024	Ù [(https://canvas.sfu.ca/courses/86328/assignments/1006738)](https://canvas.sfu.ca/courses/86328/assignments/1006738)	due by 11:59pm
Thu Sep 19, 2024	[(https://canvas.sfu.ca/courses/86328/assignments/1006763)](https://canvas.sfu.ca/courses/86328/assignments/1006763)	due by 2:30pm
Wed Sep 25, 2024	Ù (https://c	

Mon Nov 11, 2024	[__ __ _____ _____ __ _____ (https://canvas.sfu.ca/courses/86328/assignments/1006756)](https://canvas.sfu.ca/courses/86328/assignments/1006756)	due by 11:59pm
Wed Nov 13, 2024	Ù [___ _____ · _____ ___ _____ (https://canvas.sfu.ca/courses/86328/assignments/1006733)](https://canvas.sfu.ca/courses/86328/assignments/1006733)	due by 11:59pm
Wed Nov 20, 2024	Ù [_____ _____ (https://canvas.sfu.ca/courses/86328/assignments/1006740)](https://canvas.sfu.ca/courses/86328/assignments/1006740)	due by 11:59pm
Wed Nov 27, 2024	Ù [__ __ _____ _____ (https://canvas.sfu.ca/courses/86328/assignments/1006744)](https://canvas.sfu.ca/courses/86328/assignments/1006744)	due by 11:59pm
Thu Nov 28, 2024	Ù [__ __ _____ . (https://canvas.sfu.ca/courses/86328/assignments/1006746)](https://canvas.sfu.ca/courses/86328/assignments/1006746)	due by 2:30pm
Thu Dec 5, 2024	[__ __ _____ _____ __ _____ (https://canvas.sfu.ca/courses/86328/assignments/1006755)](https://canvas.sfu.ca/courses/86328/assignments/1006755)	due by 11:59pm
	[____ _____ (https://canvas.sfu.ca/courses/86328/assignments/1014001)](https://canvas.sfu.ca/courses/86328/assignments/1014001)	
	Ù [__ ____ _____ (https://canvas.sfu.ca/courses/86328/assignments/1006747)](https://canvas.sfu.ca/courses/86328/assignments/1006747)	