



**DFC ; F5AA9' <5B86CC?'**

⋮

**D95FGCB'6H97' <B7'9b [ ]bYYf]b [ 'fI9`YWhf]WU``UbX'  
9`YWhfcb]W'9b [ ]bYYf]b [ L'fI FE : L'**

**D95FGCB'6H97' <B8'9b [ ]bYYf]b [ 'fI9`YWhf]WU``UbX'  
9`YWhfcb]W'9b [ ]bYYf]b [ L'fI FE : L'**

**K \Uh'WUb'mc i 'Z]bX' ]b'h \Y'Dfc [fU a aY' <UbXVcc\_3'**

7KLV KDQGERRN DLWKURRJKHORSXLRXWNGHHV DW WKH FROO  
:H KRSH DIWHU UHGGLQJ LW \RX ZLOO

x )DPLOLDULVH \RXUVHOI ZLWK WKH WPHPLQRORJ\ XVH

x )DPLOLDULVH \RXUVHOI ZLWK \RXU SURJUDPPH VWUX

x )DPLOLDULVH \RXUVHOI ZLWK WKH DDPHVPHQW SURF

x \*HW WR NQRZ ZKR WR FRQWDFW IRU KHOS DQG DGYL

x

7cbhYbhg' . . . . . \*\*\*\*\*DU[Y'Bc'

7(\$&+,1\* \$1' \$'0,1,675\$7,9) 07\$<285 352\*5\$00(  
\$&\$'(0,& &\$/(1'\$5  
\$%287 3(\$5621  
\$%287 <285 352\*5\$00(  
7HDFKLQJ /H DUQLQJ DQG \$VVHV VPHQW  
&2856( 02'8/(6 \$1' 352\*5\$00( 6758&785(  
&RXUVH 0RGXOHV  
3URJUDPPH 'XUDWLRQ DQG 6WUXFWXUH  
3H DUVRQ %7(& /HYHO L-Q1&O'HSWRPDDO H(OHEWUR54)F (QJLQ  
3H DUVRQ %7(& /HYHO L-Q1'(OLSFWRPLDFDO H(OHEWUR54)F (QJLQ  
%7(& +1& +1' 3URJUDPPH 3URJUHV VLRQ  
7(\$&+,1\*  
\$77(1'\$1&(   
\$66(660(17 \$1' \*5\$',1\*  
6XEPLWWLQJ DVVLJQPHQWV  
\*UDGLQJ RI DVVHV VPHQWV  
\$VVHV VPHQW &ULWHULD  
&RPSHQVDWLRQ 3URYLVLRQV  
5HIHUUDO 3URFHGXUHV  
)HHGEDFN WR 6WXGHQWV  
\$VVHV VPHQW %RDUGV  
\$FDGHPLF \$SSHDOV 3URFHGXUH  
\$FDGHPLF 2IIHQFHV  
5(&2\*1,7,21 2) 35,25 /(\$51,1\* 53/  
6833257 6758&785(  
27+(5 ,1)250\$7,21

H957<=B ; '5B8'58A=B=GHF5H=J9'GH5 : : 'CB'MC I F'  
DFC ; F5AA9'

\$V D VWXGHQW DW WKH /RQGRQ &ROOHJH 8RX WKEOHE

**56C I H'D95FGCB'**

x SURYLGLQJ RSSRUWXQLWLHV IRU LQGYMLGX DOWLRQD  
UHFRJQLVHG OHYHO YRFDWLRQDOO\ VSHFLILF TXDOLIL  
x SURYLGLQJ RSSRUWXQLWLHV IRU VWXGLHGHVYWRDWRD  
VSHFLILF TXDOLILFDWLRQ WR HQWHUHPVSRKPHQWUHQG  
YRFDWLRQDO TXDOLILFDWLRQV VXFK BV D IXOODWHGHG

## 5]ag'

7KLV TXDOLILFDWLRQPHRHPHRIWKWIDHRYH UDWLRQDOH E\

x GHYHORSLQJ D UDQJH RI VNLOOV DQG DGHFKWU XE XW S  
HVVHQWLDQ IRU VXFFHVVIXO SHUIRUPHQWV ZRXLGHQV  
PDNH DQ LPPHGLDWH FRQWULEXWLRQ VSRUHPVORVPHQOV  
x SUHSDULQJ IRU D UDQJH RI WHFKQLFDQDFWJG FDDQ DJG  
RU FRPPXQLFDWLRQ HQJLQHHLQJ  
x HTXLSSLQJ LQGLYLGXDOV ZLWK NQRZHGKXIFXQGHUQW  
HPSOR\PHQW LQ WKH HOHFWULFDO HQHFWURQLF QRPW  
x SURYLGLQJ VSHFLDOLVW VWXGLHVDQGSURFIDHWVWRQLQG  
VWXGHQWV DUH ZRUNLQJ RU LQWHQG WR VHHN HPSOR\  
HOHFWULFDO HOHFWURQLF FRPPXQLFDQGLXQVHQHVLQHHLQ  
x HQDEOLQJ SURJUHWRDQV DQFRXQWUHQDGHXDWKGLHJ  
SURIHVVRQDO TXDOLILFDWLRQ LQ RQHHPDULFDQ DQHHFV  
x SURYLGLQJ D VLJQLILFDQW HGXFDFWRVSRBODEVHG (QWLQ  
OHYHO

## <][\Yf!'YjY'g\_]`g'

6WXGHQWV VWXG\LQJ IRU WKH %7(& +1RQLF' (LQ\QHFWUQFDQ  
ZLOO EH H[SHFWHG WR GHYHORS WKHDIRPHORZLQVXGNLOOV G

x DQDO\H V\QWKHVLVH DQIRVXPWDRQ FULWLFDOO\  
x UHDG DQG XVH DSSURSULDWH OLQGHUWWDHQZLQK D IX  
x WKLQN LQGHSHQGHWQ\ VROYH SURVEORHPW DQG GHYLV  
x WDNH UHVSQVLHQOLHMDUQLQWDRIGUHQZFRJQLVHHLU €€ p



x /DERUDWRU\ DFWLYLWLHV HQDEOHV DFRQODEBQDWW  
 GHYHORSPhQW RI SUDFWLFDO VNLOOV LQ UHVHDFK DO  
 x 6HPLQDUV LQFOXGLQJ VWXGHQW SUHLVHQWV WZLHQVGD  
 DQG GLVFXVVLQJ  
 x 6HOI GLUHFHWG OHDUQLQJ UHVHDFK LQJXLGHV DQW  
 WKH ,QWHUQHW  
 x 7XWRULDQ ERWK JURXS DQG LQGLYLGXLDQ GXRQDGD  
 QHHGV  
 x %UDLQVWRUPLQJ HQDEOHV H[SORUDRMLNQRZONQJHG  
 XQGHUVWDQGLQJ  
 x ,QGxVULDQ RII VLWH YLVLWV REVSODEH DQGXHHW  
 WKH SURIHVVLRQDOV RSHUDWLQJ WKH WKHQGHFRQVXP  
 SURGXFWV

**7C1FG9'AC8I@9G'5B8'DFC ; F5AA9'GHFI7HIF9'**

Course Modules

<RXU FKRvHQ %7(& SURJUDPPH LV FRPSRVHWRXJH  
 VHPHVWHUV %7(& +LJKHU 1DWLRQDO &HUWEULFDLWHVFRSU  
 +LJKHU 1DWLRQDO 'LSORPD FRPSULVHV PRGXOHV FUH  
 \$ FRXUVH PRGXOH URXGKOWYPIHWGEWIKIDVOMIEYLXULHW WXXFK



## Programme Duration and Structure

**8 i fUh]cb'**

**: i`!h]aY'**

+ 1 & ± \H DU VHPHVWHUV  
+ 1 ' ± \H DU V VHPHVWHUV

**DUfh!H]aY'**

+ 1 & ± \H DU V VHPHVWHUV  
+ 1 ' ± \H DU V VHPHVWHUV

Pearson BTEC Level 4 HNC Diploma in Electrical and Electronic Engineering (RQF)

7KH 3HDUVRQ %7(& /HYHO +1& 'LSORPDLFLQQ(JLQFMHWILFDJO 5D4  
LV D RQH \H DU TXDOLILFDWLRQ ZLWPHGHF X S GRUWH YDKOXHXGRUW  
ZLWK D YDOXH RI FUHGLWV 7KHUHSWDRQD OXXQHVP MRRV  
FUHGLWV \$OO XQLWV DUH DW /HYHO

7KH SURJUDPPH VWUXFWXUH LV GHWDLOHG EHORZ

**'M95F'% 5IHIAB' UbX**



'M95F'& 5 IHI AB'G9A9GH9F'

IB-H' <B8	IB-H'B5A9	7CF9# GD97=5@	IB-H' 7F98=H	HEH
	)XUWKHU 0DWKHPDWLFV			2SWLRQDO
	3URIHVVLQRQDO (QJLQHULQJ 0DQDJH ,QG XVWULDO 3RZHU (OHFWURQLFV DQG	(QJLQHULQJ 0DQDJH	HPHQW	2SWLR



SD\PHQWV DUH UHOHDVHG 7KLV LQFOPLG\H\LDQV R\IHQRGDU\H\Z B  
DWWHQGDQFH DW H[DPLQDWLRQV

,W LV LPSHUDWLYH WKDW \$// VWXGPHQZWNQOWJKHQDWRUWKH BWF  
WKH\ OHDYH WKH FROOHJH \$GGLWUR,QFDQOG WQFQD\WRUHZ  
PRQLWRU WKH WLPH \RX DUULYHG DQGRZVORQJ \RX DFWX

\$Q\ DEVHQFHV GXH WR PHGLFDO UHDVROO P\UWLELFBWYHU  
FHUWLILFDWHV DQG RU GRFXP\YD\W\WLRQ\W\KRXOG EH VHQW

**5GG9GGA9BH'5B8' ; F58-B ; '**

**5ggYgga Ybh'=bZcf a Uh]cb'**

<RX ZLOO EH VWXG\LQJ RQ D PRGXODU SURJLYDIPPHG ZLYWJKU  
ZHHNV <RX PXVW SDVV HDFK PRGXOH \$D\X\K\WSWRJUDILQ\WIK  
HDFK XQLW \RX ZLOO XQGHUWDNH DVVLJQLVHHQ\W\MD\YD\FKH\B  
DVVHVVPHQWV WKDW ZLOO FRQWULEXWPHWUR RR XUPDROGHUO  
LQIRUPDO RSSRUWXQLWLHV WR DVVLV\WQJR X\KHD\VD\MPRLQDA  
DVVHVVPHQWV ZLOO EH FRPSOHWHG RQ\OO\LLQYRLOYLIG XID\Q XES  
UHTXLUHG E\ WKH DVVHVVPHQW FULWHULD

,Q DGGLWLRQ WR FRQWULEXWLQJ WRV\RX\U\H\DF\DP\GH\CP\W\F\S\S\B  
YDOXDEOH IHGEDFN LQIRUPDWLRQ IRUS \$W\X\FD\H\CO\W\H\VS\IR\QW\F  
G YHD'YDVVwH RG @ ððW @ 0





¾ 2QFH \RX KDYH PDGH WKH ILQDO VXEPLWVWKLRQ FRKQFJHQV

¾ &RQILUPDWLRQ DERXW \RXU VXEPLWVSLRQZLWQLWBSQHXUE





Compensation Provisions

7c a dYbgUh]cb'Dfc j]g]cbg'Zcf'h\Y' <B8''

\$ VWXGHQW FDQ VWLOO EH DZDUGHG DQ P L'QLIPW RHR IKD Y3H  
RQH RI WKH FUHGLW XQLWV DW /XQLOV DQG/RQHORI EWKWH  
RWKHUZZLVH IXOILOOHG DOO WKH DERYH FRQGLWLRQV

7c a dYbgUh]cb'Dfc j]g]cbg' <B7''

\$ VWXGHQW FDQ VWLOO EH DZDUGHG DQ P L'Q ILP XPK IRI KDD Y3H  
RQH RI WKH FUHGLW XQLWV EXWOWWKH KDERYH IR WFRQGLWLR

7KH FDOFXODYUREQUP]WU]ck'fUXY LV EDVHG RQ WKH VWXGHQW  
DOO XQLWV WR WKH YDOXH RI FUHGLWV O HULW XG R Q W V V D  
TXDOLILFDWLRQ JUDGH XVLQJ WKH SRLQW V D W D L Q Y H G O W K B B X V  
/HYHO IRU WKH +1' EDVHG RQ XQLW DFKLHYH PHQW

- x \$OO XQLWV LQ YDOLG FRPELQDWLRQ PXVW EH DWWHPS
- x \$W OHDVW FUHGLWV PXVW EH 3DVV RU DERYH
- x \$OO FUHGLWV FRXQW LQ FDOFXODWLQJ WKH JUDGH
- x 7KH RYHUDOO TXDOE DLOFDXVOLDRQH GUIDG R W K W K H D P H & Z D Q G I R  
+1'
- x 7KH RYHUDOO TXDOLILFDWLRQ JUDGH EDVHG R Q O D W N G  
SHUIRUPDQFH LQ /HYHO XQLWV RQO\

Dc]bhg'dYf'WfYX]h.'''

3DVV  
OHULW  
'LVWLQFWLRQ

Dc]bh'Vc i bXUf]Yg'

; fUXY'' dY ~ a AfcA



UHFHLYHG ZLWKLQ ZHHNV RI WKH SXEOL&FDOOLRQH RZRWOB  
DLP WR UHVROYH DQ DFDGHPLF DSSHMDIOHZILWUPLRU ZWKINUZR  
\RX RI DQ\ SRVVLEOH GHOD\

)XUWKHU LQIRUPDWLRQ RQ WKH DERYE HSEUWLFHG XUHV LV SX

## 5WUXY a]W' CZZYbWYg'

/&8&. FRQVLGHUV DFDGHPLF RIIHQFHV YHUWVHLVLRXFHQW\$FD  
WR WKH TXDOLW\ RI ZRUN SURGXFHG FE\ RXU WWXGHHQWW LQQ  
RI ZRUN FXUUHQWO\ DQG LQ WKH IXWXUH

- x :H EHOLHYH WKDW ZH DUH ZYgdcg]Q]m ZILWKWKGHLOWRZ QLDM  
DQG RXWSXW LQFOXGLRQ JRXUHZRXMKHQW'Eig]hd WLQJ
- x :H H[SHFW WKDW HYHU\RQH DQYgh VLQXG KEMWDFQGR ZVDH  
RI WKH VRXUFHV RI LGHDV LQIRU]g]wX LRQ DQG HYLGHQ
- x 7KH FRH]g]wX WWXGHHQWV WKDW UHVXOWV DQG HYLGHQFH  
IDEULFDWHG RU LQYHQWHG
- x ,Q UHWXUQ WKH JUDGHV ZUFXDZLCO QXDFK LHYH ZLOO EH
- x 7KLV ZLOO fYg]wX]CRW LQXD VHOI DQG \RXU IHOORZ VWXGH

:LWKRXX WKHVH YDOXHV WKH UHVXOWF QDHYHUPBGMW DQV S/RK  
LQ ZRUN DQG SULD DWKH DOLDHI ZNEODQK SUHWHQFH

7KH FROOHJH LV FRPPLWWHG WR WKHRX LSU L R K US SHIVV BQQ  
DFDGHPLF DFKLHYHPHQWV LQ GHYHORSKOR XRXU PLSQRHS IQC  
VWXG\ VNLOOV DQGRXUHV SIFRMLQGHWKQGL QMLGHDFHRQ D

## D`U[ ]Uf]ga`

\$OO VXEPLWWHG ZRUN ZLOO EH FKHFNKHG IRKDSO D]KLD WLVWL  
\RX VXEPLW DUH \RXU RZQ ZRUN  
x \$Q\ DWWHPSW WR SDVV RII VRPHRQH ZQVBY VSQBUNDDV  
LQWHOOFWXDO WKHIW  
x 7R VXEPLW D YHU\ VLPLODU SLHFH RINZORLQ IBV WHZOR  
SODJLDULVP :RUN SURGXFHG IRU DQ DQVWVHHP HCFW HLSQV  
D 7:MLG]AQIR Ep U"@ pPÀ` <p 0 PDFU"@ p° €Á• `T]DHC B@p @ POP

7KH FROOHJH H[SHFWV WKDW DW WKLV WZLWV XGHYH V ZLWV H H QLEQ  
UHIOHFW DQG DGHTXDWHO\ SDUDSKUDF B WZLRACK DFOU G HLYELGHH C  
QXPHURXV VRXUFHV WKLV LV LQGHS HQG HQ W HWGR Q J KWHD  
KRZHYHU WKDW IRU H[DPSOH D totally B WZLRACK DFOU G HLYELGHH C  
SHUFHQWDJH RI VLPLODULW\ WR RWKHU OFSHEDV DFOU G HLYELGHH C  
UHIHUFHG WKURXJKRXW DOO DVVLJQPHQWV

**7c` i]cb.'U'8YZ]b]h]cb'**

“Collusion is the act of collaborating with someone else on an assessment exercise which is intended to be wholly your own work, or the act of assisting

UHIHUUHQFLQJ VW\OH IRU DOO WKHLU, W VLV JYQPHQ MPVS PLOVD  
FRQVLVWHQW DQG DFFXUDWH ZKHQ FLERQJ RUIHRIXUH Q EHWLQ  
JLYH WKH DXWKRU V VXUQDPH ZLWIO VGKHW DLDU/ RRI SXCEO MACH  
VKRXOG EH OLVWHG DOSKDEHWLFD OOV W\ DDK WIKRIHQGP R I D R  
, I \RX ZLVK WR DFNQRZOHGJH RWKHU VRXUFHVDW Q D Q J K D K H V  
EH JLYHQ LQ D VHSDUDWH ELEOLRJUDSKA H, V X B X \ B X H Q Z I H L G V  
FLWDWLRQV WR DFNQRZOHGJH \RXU DRXUHVHV LQ WKH IROO

- f , I ZULWLQJ D GLVVHUWDWLRQ RU DDUHQSWEFVHDWDRGR  
UHDGLQJ WR LQIRUP \RXU ZRUN LW UHDFSHORLSUMLDVO  
ELEOLRJUDSK\ VKRXOG EH VXEPLWWHG
- f LI \RX DUH XVLQJ DQ DFWXDO TXRWDWLRQ IURP DQRW
- f LI \RX DUH SDUDSKUDVLQJ DQRWKHU VRXUFH
- f LI \RX DUH UHIHUULQJ GLUHFWO\ WR DQRWKHU VRXUFH
- f LI \RXU RZQ ZULWLQJ LV FORVHO\ UHDFHFRDQ#XROO IBYOGG



<RX PD\ DOVR ZLVK WR DOHUW \RXU WIX WRRXUUDHT & LPUHG & Q'H SF  
VXSSRUW IRU \RXU VWXGLHV VXFK DV ~~U~~~~D~~~~Q~~~~E~~ HRUX WK DSQU ZQ \WM