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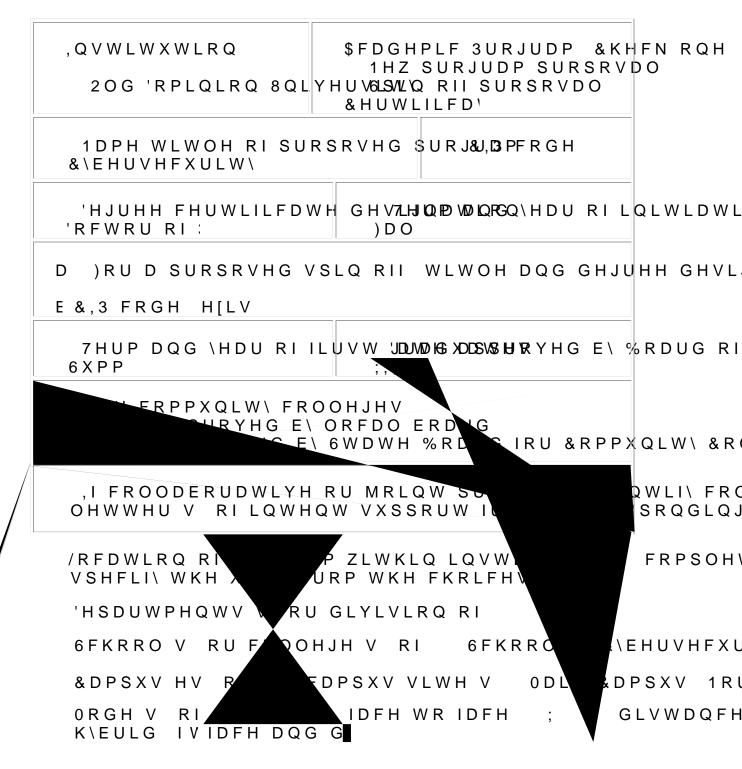
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# PROGRAMPROPOSAL COVER SHEET



### TABLE OF CONIENIS

DESCRIPTION OF THE PROPOSED PROGRAM.
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\$ FXUUHQW UHVXPH

\$ VWDWHPHQW RI SURIHVVLRQDO JRDOV

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### Taget Population

7KUHH VHWV RI VWXGHQWV ZLOO EH WDUJHWHG IRU WKH SU 8QLYHUVLW\ VWXGHQWV ZKR DUH FXUUHQWO\ HQUROOHG LO LW ZLOO UHSUHVHQW D QDWXUDO SURJUHVVLRQ SDUWLFXO WR ZRUN KLJKHU HGXFDWLRQ RU UHVHDUFK

7KH VHFRQG WDUJHW JURXS LQFOXGHV F\EHUVHFXULW\ VW GHJUHH SURJUDPV DFURVV WKH &RPPRQZHDOWK RI 9LUJLQI LQWHUHVW LQ WHDFKLQJ DERXW DQG UHVHDUFKLQJ F\EHUV RI WKH RQOLQH RSWLRQ ZLOO DOORZ XV WR WDUJHW VWXG ZKR RWKHUZLVH PD\ QRW EH DEOH WR PRYH

7KH WKLUG WDUJHW JURXS LQFOXGHV FXUUHQW F\EHUVHFX QR GRFWRUDO GHJUHH DQG DUH WHDFKLQJ DW FRPPXQLW\ QDWLRQ 2WKHU GRFWRUDO SURJUDPV DW 2'8 KDYH VXFFF VHJPHQW RI WKH KLJKHU HGXFDWLRQ FRPPXQLW\ E\ RIIHUL GLVFLSOLQDU\ DUHDV 6WXGHQWV HQWHULQJ IURP DQ XQGHUJUDGXDWH GHJUHH S UHVWULFWHG HOHFWLYHV WR OHDUQ DERXW GLIIHUHQW DV QHWZRUN V\VWHPV FORXGV PRELOH DQG ZLUHOHVV V\VWH V\VWHPV LQFOXGLQJ WKH HPHUJLQJ ,QWHUQHW RI 7KLQJV LPSRUWDQW F\EHUVHFXULW\ WRSLFV DV UHYHUVH VRIWZDU PRGHOLQJ DQG HWKLFDO KDFNLQJ DQG SHQHWUDWLRQ WH SUREOHPV JDWKHU LQIRUPDWLRQ DQDO\]H GDWD GHILQH FRQWLQJHQFLHV DQG HIIHFWLYHO\ DUWLFXODWH DQG FRP RSSRUWXQLWLHV WR LQWHUDFW ZLWK SRWHQWLDO HPSOR\

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# Advanced Electives (15 hours)

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- & DWD OLQLQJ DQG 6HFXULW\ &UHGLW +RXUV
- & LVWULEXWHG 6\VWHP 6HFXULW\ ZLWK 1HW &UHGLV
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### **Cardidacy Examination**

6WXGHQWV LQ WKH 3K' LQ &\EHUVHFXULW\ ZLOO EH UHTXLU TXDOLI\ IRU FDQGLGDF\ IRU WKH GHJUHH RI 'RFWRU RI 3KLO VWXGHQW¶V DELOLW\ WR FRKHUHQWO\ UHODWH LQIRUPDWL LQ D FULWLFDO DQG VFKRODUO\ PDQQHU 7KH VWXGHQW¶V FDQGLGDF\ H[DP GXULQJ WKH VHPHVWHU LQ ZKLFK KH VKH H[FHSW IRU GLVVHUWDWLRQ KRXUV UHTXLUHG IRU WKH GI UHVSRQVLEOH IRU FRRUGLQDWLQJ WKH DGPLQLVWUDWLRQ DQG ZLOO DSSRLQW D FRPPLWWHH WR DGPLQLVWHU WKH H XS RI DW OHDVW WKUHH IDFXOW\ PHPEHUV DOO RI ZKRF ZKRP PXVW EH DIILOLDWHG ZLWK WKH 6FKRRO RI &\EHUVHF ZLOO IROORZ JXLGHOLQHV LQ WKH 20G 'RPLQLRQ 8QLYHUVI

\$IWHU VXFFHVVIXO FRPSOHWLRQ RI WKH ZULWWHQ H[DPLQE WDNHQ SULRU WR WKH HQG RI WKH QH[W VHPHVWHU LV JL H[DPLQDWLRQ DQG SRVVLEOH DGGLWLRQDO PDWHULDOV \$0 FDQGLGDF\ H[DPLQDWLRQV \$Q\ VWXGHQW QRW SDVVLQJ D0 VHFRQG WLPH ,I D VWXGHQW GRHV QRW SDVV DQ H[DP RQ VXVSHQGHG IURP WKH SURJUDP

### **DissertationResearch**

2QFH WKH ZULWWHQ DQG RUDO FDQGLGDF\ H[DPLQDWLRQV ZLOO EH IRUPHG WR VXSHUYLVH GLVVHUWDWLRQ UHVHDUFF LQ FRQVXOWDWLRQ ZLWK KLV RU KHU DGYLVRU DQG DSSUR GLVVHUWDWLRQ SURSRVDO WKH FKDLU RI WKH GLVVHUWDV DGPLVVLRQ WR FDQGLGDF\ WR WKH \*3' DQG WKH 'HDQ (DFF KRXUV RI GLVVHUWDWLRQ UHVHDUFK &<6( 'RFWRUDO 'L UHVXOW LQ GHYHORSPHQW RI D GRFWRUDO GLVVHUWDWLR( VWXGHQW

7KH GLVVHUWDWLRQ PD\ WDNH WKH IRUP RI RQH PDMRU SU SUHSDUHG IRU MRXUQDO SXEOLFDWLRQ 8SRQ FRPSOHWLRO FRPPLWWHH ZLOO FRQGXFW D SXEOLF H[DPLQDWLRQ DQG G WKH UHVSRQVLELOLW\ RI WKH GLVVHUWDWLRQ FKDLU WKH ,QWHUGLVFLSOLQDU\ 6WXGLHV ZKR WRJHWKHU FHUWLI\ WK

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#### Student Assessment

6WXGHQWV ZLOO EH HYDOXDWHG WKURXJKRXW WKH SURJU VWXGLHV SDSHUV UHVHDUFK SURMHFWV DQG SUHVHQWDV WKH SURIHVVLRQDO DQG HPSLULFDO FRPSHWHQFLHV UHTXL UHVHDUFKHUV 6SHFLILFDOO\ JUDGXDWHV ZLOO EH DEOH V

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7KHVH VWXGHQW OHDUQLQJ RXWFRPHV DUH SURYLGHG LQ \

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# Employment Skills/WorkplaceCompetencies

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\$V IDFXOW\ PHPEHUV JUDGXDWHV ZLOO EH DEOH WR

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&\EHUVHFXULW\ GRFWRUDO SURJUDPV KDYH DOVR EHHQ MX EXLOG EULGJHV EHWZHHQ LQGXVWU\ DQG KLJKHU HGXFDWL GRFWRUDO VWXGHQWV ZRXOG LQFOXGH F\EHUVHFXULW\ SU

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7KH QXPEHU RI QHZ DFDGHPLF SURJUDPV DOVR LQFUHDVHG LQVWLWXWLRQV ZHUH GHVLJQDWHG DV 1DWLRQDO & HQWHU HGXFDWLRQ 7RGD\ PRUH WKDQ LQHWWSLLWWXHWWFKQV KURROZGW HQUROOPHQW DQG DFDGHPLF SURJUDPPLQJ WKH GHYHORS KDV QRW NHSW SDFH ,Q IDFW WKHUH DUH MXVW IRXU F\E 6WDWHV 7KHVH LQFOXGH WKH IROORZLQJ

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&\EHUVHFXULW\ KLJKHU HGXFDWLRQ SURJUDPV KDYH LQFUH 9LUJLQLD 7DEOHV DQG VKRZ HQUROOPHQWV LQ DVVRF

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### **Gurlent Demand**

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# SUMMARY OF PROJECTEDENROLLMENTS IN PROPOSED PROGRAM

# Projectedencilment

Assumptions

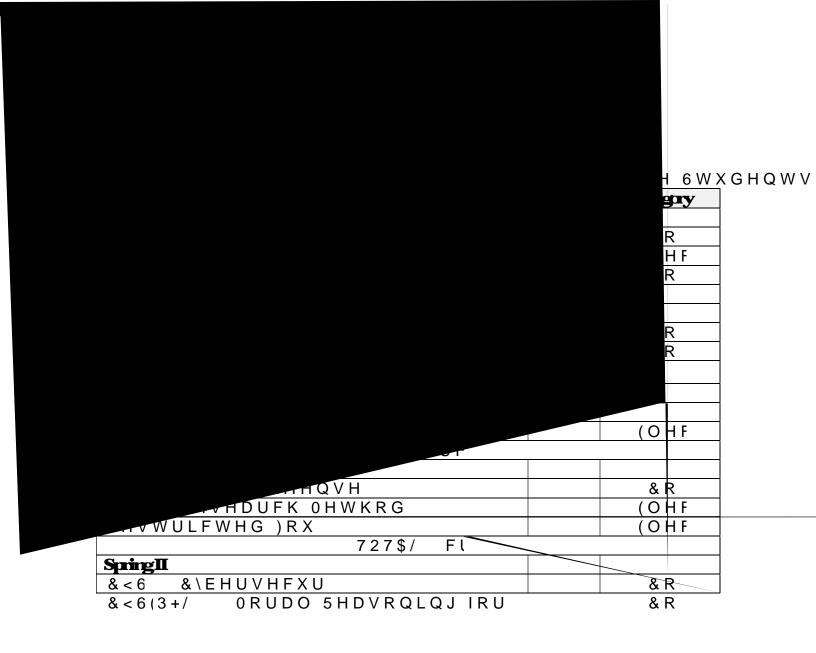
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## **APPENDICES**



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#### APPENDIXB COURSE DESCRIPTIONS

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CareCauses

**CYSE 600** 

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## APPENDIXC

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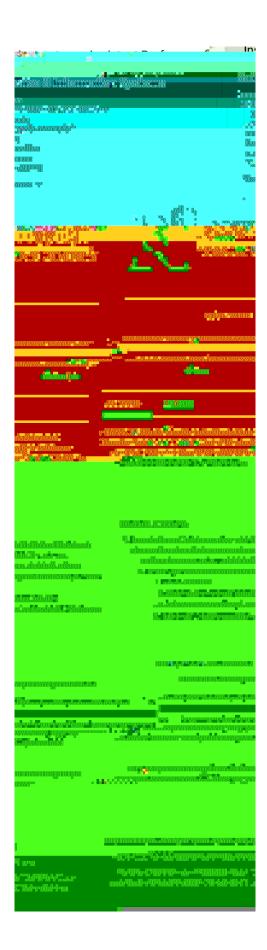
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Director - Cybersecurity Center of Academic Excellence

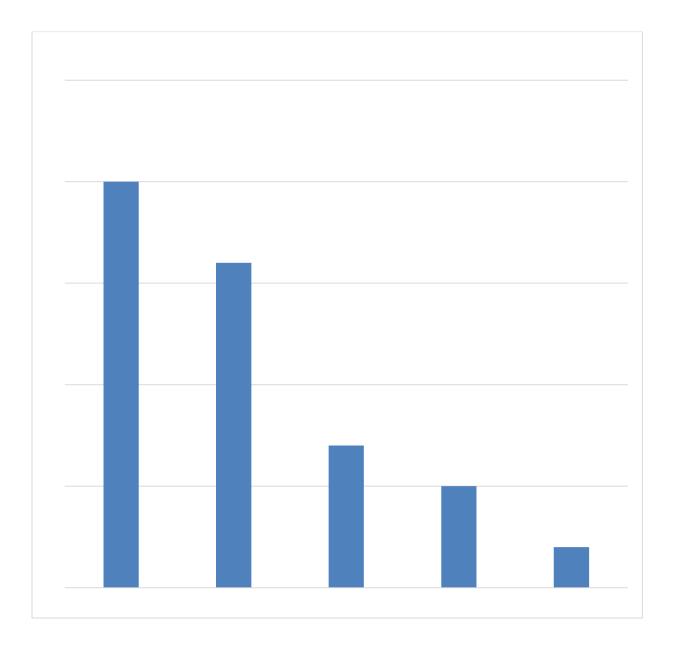
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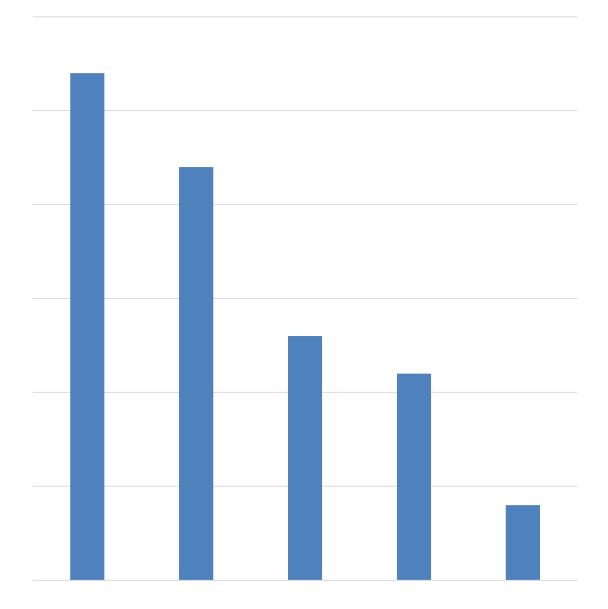
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# If ODU vereto offer a Doctor of Philosophy in Cybersecurity, would you enroll? (all cybersecurity respondents, n=77).



#### SummayResponses

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