Chemistry 482/692: Chemistry Seminar (2.0 Credits)
Fall Semester 2019 
,QVWUXFWRU  'U.UL\D/'XQODS
2IILFH  :55%
7HOHSKRQH  RIILFH
(PDLO  NOGXQODS#DODVNDHGX
&ODVV7LPH  75±5(,&
2IILFH+RXUV ±7:55%RUE\DSSRLQWPHQW 
Prerequisites:&RPPRU&RPP&KHP 
Required Text book:$YDLODEOHHOHFWURQLFDOO\IURP8$)/LEUDU\
7KH&UDIWRI6FLHQWLILF3UHVHQWDWLRQVQG(GLWLRQ
0LFKDHO$OOH\
6SULQJHU9HUODJ1HZ<RUN
3XEOLFDWLRQ'DWH 
Course Description: 
7KLVLVWKHVHFRQGLQDWZRVHPHVWHUVHTXHQFHLQRUDOFRPPXQLFDWLRQUHTXLUHGIRUWKH
VHFRQGLVFORVHGVHVVLRQ&KHPVWXGHQWVDUHUHTXLUHGWRJLYHRQHPLQXWHRUDO
SUHVHQWDWLRQGXULQJWKHVHPHVWHURQDGDWHVFKHGXOHGE\WKHLQVWUXFWRUDWWHQGDOORIWKH
SXEOLFVHPLQDUV7XHVGD\VVRPHWLPHV7KXUVGD\VDQGSDUWLFLSDWHLQFULWLTXLQJ
SUHVHQWDWLRQVE\JUDGXDWH 䐀)DFXOW\0HQWRUV
,QJHQHUDODOO&KHPLVWU\DQG%LRFKHPLVWU\IDFXOW\FDQVHUYHDV
PHQWRUV 
Course Goals:
'HYHORSDQRYHUDOOXQGHUVWDQGLQJRIWKHSULQFLSOHVRIRUDOFRPPXQLFDWLRQLQVFLHQFH
LQFOXGLQJDFFHSWHGSUHVHQWDWLRQWHFKQLTXHVOLVWHQLQJVNLOOVFULWLFDODQDO\VLVRIVFLHQWLILF
SUHVHQWDWLRQVSDUWLFLSDWLRQLQVFLHQWLILFGLVFXVVLRQVDQGLQWURGXFWLRQRIVSHDNHUVDQG
LQYLWHGJXHVWV 
Learning Outcomes

 'HP RQVWUDWHDQDELOLW\WR OLV WHQWRDVFLHQWLILFSUHVHQWDWLRQDQG WR DVNSH UWLQHQW

TXH VWLRQVUHJDUGLQJWKHPDWHULDOSUHVHQWHG

 'HP RQVWUDWHWKHDELOLW\WRFULWLFDOO\HYDOXDWHWKHUHVHD UFK SUHVHQWHG LQDSHHU

FLWDWLRQRIWKHDXWKRU,QWHOOHFWXDOSURSHUW\LQFOXGHVDOOHOHFWURQLFVSRNHQRU
SULQWPHGLD6WXGHQWVDUHH[SHFWHGWRFLWHDOOVRXUFHVXVHGLQRUDODQGZULWWHQ
SUHVHQWDWLRQV&LWDWLRQVVKRXOGEHFLWHGDFFRUGLQJWRWKH&ROXPELD*XLGHWR6W\OH
VHHKWWSZZZFROXPELDHGXFXFXSFJRVLG[BEDVLFKWPOIRUPRUHLQIRUPDWLRQ
&DVHVRISODJLDULVPZLOOEHGHDOWZLWKVHYHUHO\ZLWKWKHPLQLPXPSHQDOW\EHLQJD
JUDGHRIIRUWKHDVVLJQPHQWLQTXHVWLRQ&DVHVPD\EHUHIHUUHGWRWKH
'HSDUWPHQW&KDLURU'HDQIRUIXUWKHUDFWLRQ 
Conduct: 
<RXUFRQGXFWLQWKLVFRXUVHLVH[SHFWHGWREHSURIHVVLRQDODQGUHVSHFWIXODWDOOWLPHV
'LVUXSWLYHRUDEXVLYHVWXGHQWVZLOOEHUHPRYHGIURPWKHFODVVURRPDQGPD\EHVXEMHFW
WRGLVFLSOLQDU\DFWLRQ 
Grading and Evaluation of Performance: 
,WLVH[SHFWHGWKDWVWXGHQWVZLOOFRPSOHWHDOORIWKH/HDUQLQJ2EMHFWLYHVOLVWHGDERYH
*UDGLQJLQWKLVFRXUVHLV$)*UDGHVZLOOEHDVVLJQHGEDVHGRQVXFFHVVIXOFRPSOHWLRQ
RIFRXUVHUHTXLUHPHQWVDVGHVFULEHGEHORZ(DFKFRXUVHUHTXLUHPHQWZLOOEHDVVLJQHG
DSRLQWYDOXHDQG\RXZLOOUHFHLYHDOORUDSRWLRQRIWKHVHSRLQWVGHSHQGLQJXSRQWKH
TXDOLW\RI\RXUZRUN2UDOSUHVHQWDWLRQZLOOEHJUDGHGDFFRUGLQJWRWKHUXEULFGLVWULEXWHG
LQFODVV$PLQLPXPSDVVLQJJUDGHZLOOEHJLYHQWRVWXGHQWVZKRKDYHFRPSOHWHGWKH
IROORZLQJUHTXLUHPHQWV 
Required Activities and Scoring: 0HQWRUVHOHFWLRQDQGWRSLFIRUPFRPSOHWHGRQWLPH     
 3RZHU3RLQWRUHTXLYDOHQWSUHVHQWDWLRQDE䜀Uȴ䀅怀DG莘䐀̀(UHQDE䞰̀RQрWL$VIROORZ1�³GHPр怀RORP�䰀RQOEWᜀ�WKX@㄀䰀R����냱ᖖ需DE䞰̀WRрLHTW隐֐HFIŒ㑀ԀH‱DFAW�H    WL$IROORZA퀀 
5HTXLUՠQB耀YD1 QLP��ԀLF熖�X退砓Xက　H 
0HQWRñ�蠣䐀嬀S Œ㑀ԃ耀WLP㠀쀀

Disabilities Services: 
7KH2IILFHRI'LVDELOLW\6HUYLFHVLPSOHPHQWVWKH$PHULFDQVZLWK'LVDELOLWLHV
$FW$'$DQGLQVXUHVWKDW8$)VWXGHQWVKDYHHTXDODFFHVVWRWKHFDPSXVDQGFRXUVH
PDWHULDOV
6WXGHQWVZLWKGRFXPHQWHGGLVDELOLWLHVZKRPD\QHHGUHDVRQDEOHDFDGHPLF
DFFRPPRGDWLRQVVKRXOGGLVFXVVWKHVHZLWKPHGXULQJWKHILUVWWZRZHHNVRIFODVV,ZLOO
ZRUNZLWKWKH2IILFHRI'LVDELOLWLHV6HUYLFHV
:+,7�WRSURYLGH
UHDVRQDEOHDFFRPPRGDWLRQWRVWXGHQWVZLWKGLVDELOLWLHV<RXZLOOQHHGWRSURYLGH
GRFXPHQWDWLRQRI\RXUGLVDELOLW\WR'LVDELOLW\6HUYLFHV 
Veteran Support Services:
:DOWHU&UDU\LVWKH9HWHUDQV6HUYLFH2IILFHUDWWKH9HWHUDQV5HVRXUFH&HQWHU
(LHOVRQ%XLOGLQJ �ZHFUDU\#DODVNDHGX)DLUEDQNV9HW&HQWHU�
9$&RPPXQLW\%DVHG 2XWSDWLHQW&OLQLFDW)W:DLQZULJKWLV� 
Amending this Syllabus: 
$PHQGPHQWVDQGFKDQJHVWRWKHV\OODEXVLQFOXGLQJHYDOXDWLRQDQGJUDGLQJ
PHFKDQLVPVDUHSRVVLEOH7KHLQVWUXFWRUPXVWLQLWLDWHDQ\FKDQJHV&KDQJHVWRWKH
JUDGLQJDQGHYDOXDWLRQVFKHPHFDQEHPDGHEHIRUHWKHDGGGURSGDWHZLWKRXWDYRWH
EXWDIWHUWKDWGDWHPXVWEHYRWHGRQE\WKHHQWLUHFODVVDQGDSSURYHGRQO\ZLWK
XQDQLPRXVYRWHRIDOOVWXGHQWVSUHVHQWLQFODVVRQWKHGD\WKHLVVXHLVGHFLGHG7KH
OHFWXUHVFKHGXOHDQGUHDGLQJDVVLJQPHQWV'DLO\6FKHGXOHZLOOQRWUHTXLUHDYRWHDQG
PD\EHDOWHUHGDWWKHLQVWUXFWRU¶VGLVFUHWLRQ7KLV'DLO\6FKHGXOHFDQEHIRXQGRQ
%ODFNERDUG*UDGLQJFKDQJHVWKDWXQLODWHUDOO\DQGHTXLWDEO\LPSURYHDOOVWXGHQWV¶
JUDGHVZLOOQRWUHTXLUHDYRWH2QFHDSSURYHGDPHQGPHQWVZLOOEHGLVWULEXWHGLQZULWLQJ
WRDOOVWXGHQWVYLD%ODFNERDUG 