

!"#\$%&'(#)\*+,\$-.\$/#\*+&#&\$0&+1\$  
23"--4\$-.\$5#14+"\$2+67\$#\*  
81364+,\$-.\$5#14+"\$23'#\$3#\*  
52\$9::;<=\$2-3'14\$>#++#)?'&1&+\*\$-.\$5#14+"

---

\$  
Course Instructor: Dr. Anita Cramp  
Email: !"#\$%&'()\*+!  
Office Hour: TBA  
Class Time: Tuesday

CE\$#H6')#S!#l+=\$

\$

!2'Q\$D&\$95N"R2")9B24")#3S7\$2"B969%8?7\$76\*"1C"&9\$56&:"F\$7\$B?\$7"D9%\*D936?K9\*N"-7B"9B?6?172"

F\$7\$B?\$7"#3&15\$%\*U\$V%9\*\*2

-2"&9"WD\*6%9\$8"361%"E("Q?\*&?"X\$73&\$7B\$9\*"<11)Y-2TT4

\$

>B\$1461+!-&Z1/%"+%\$B25"E9"3\$53/5\$69B"\$331%B?7+"61"6&9"C15510?7+"E%9\$LB107:

"

[K\$/\$6?17 " V9%3976\$+9 R/9"R\$69

"

- "

98\$?5?7+N87%"/%C?7+"6&9"\769%7985\$1%D7%D1\*9\*317?B9%9B"B?\*%9\*D9(6&9%1C9\*\*1%"  
0&1"0?55"/\*9"&9%"B?\*3%9B937B?7?+"&10"E9\*B955"0?6&"6&9"\*?6/\$6?172"C"B?\*%/D6?K9"E9&\$K?1/%"  
D9%?\*?6\*N10&9C9\*\*1%"8\$("6&9"1CC97B\*6/B976"61\*61D"6\$5L?7+"\$750\$9"6&9"35\$\*\*2"1&9"  
D%1C9\*\*1%"&\$"6&9"97E&8561\$%5\$7B0?6&1/6"0\$%7?7+"&1/5B"71?\*9"59K95\7D89"3\$32"  
6&\$6"35\$\*\*\*"?\*97B9B"0?6&1/6"0\$%7?7+"B/9"61"B?\*%/D6?K9"E9&\$K?1/%N"6&9751E9%9B"8\$69%?\$5"  
317?B9%9B6\$E59"\$7B"\*6/B976"\*0?55"E9"%9\*D17?E59"C1%"6&7%9898%2\$5"17"

\$

A77+'-&14\$M&.-)?1+\$&

\$

2+67#&+\$C-7#\$. \$C-&763+

;&9"D/%D1\*9"1C"6&9"F1B9"1C"#6/B976"F17B/36"?\*61"B9C?79"6&9"+979%\$5"\*6\$7B\$%B"1C"317B/36"9I  
\*6/B976\*\*%9+?\*69%9B"\$6";&9"W7?K9%\*?6("1C">916997147B9"9I\$8D59\*"1C"E9&\$K?1/%"6&\$6"  
317\*6?6/69\*\*"\$E%9\$3&"1C"6&?\*"\*6\$7B\$%B"1C"317B/36N"D%1K?B9"9I\$8D59\*"1C"\*\$736?17\*\*6&\$6"8\$(E:  
\$7B"\*96"1/6"6&9"B?\*3?D5?7\$%("D%139B/%9\*\*6&\$6"6&9"W7?K9%\*?6("0?55"C155102""c1%"81%9"?7C1%  
&66D:dd0002/0123\$d/7?K\*93dE1\$%Bd32B92DBC

"

23"-41\*+'3\$0..#&3#\*

#3&15\$\*6?3"1CC9739\*\*%9"6\$L97"\*9%?1/\*5("\$7B"\*6/B976\*\*"\$%9"B?%9369B"61"%9\$B"6&9"\$DD%1D%?\$

]"

"

1C"6&9"\*6/B976U\*"c\$3/56("1C"%9+?\*6%\$6?172""c1%"<A#3"\*6/B976\*N"(1/"8\$("+1"61"6&9"#3&115"1C"A9\$

a"

"

Q#3+6)#\$23"#764#

/##R\$\$	>1+#	!-D'3\$
"	_7"b	M&+)-763+'-\$
!"	"	¥ F1/%*9"1K9%K"90
"	"	¥ >&\$6"?*"G&9\$56&H@
	_7"T	

"

k"

"	,	N-('&@\$%D*+)#1\$C"1&@#\$A@#&+* ¥ Q9\$B?7+: "2V\$%7"] "E("Q?*&?"X\$73&\$7B\$2""?;/79*" <11L
T"	X\$%!"!	5-6*!&@\$ ¥ "="&1/*9"?*" "\$&1892"">&\$6"B19*"6&\$6"%9\$55("89\$7@ ¥ Q9\$B?7+: "F&\$D69%"!k
	X\$%!"!] "	5-6*!&@\$ ¥ Q9\$B?7+: "F&\$D69%"!,
!S"	X\$%!"!"	W'7#B\$13#\$N1++\$),_ \$?'&B`\$/" ,*\$\$, -6)\$*+)##+\$177)#**\$*63"\$1\$*+)-&@\$D)#7'3+-, "#14+"U
	X\$%!"-\$ X\$%!"-k	2-3'14\$M&346\$-\$& ¥ Q9\$B?7+: "F&\$D69%"! !#\$2-3'14\$#++#)?&1&+ Tj -5 (!) 5 (&1) 1 78.8 607.5 .48 0.48 reQ9>

"

"