

# Undergraduate: Computer Science Essentials Certificate

Course List

Name & UID: \_\_\_\_\_



**COMPUTER SCIENCE  
AND ENGINEERING**

**Total Certificate Credit Hours: 15**

## Required

\* Minimum grade of C required

Course	Cr	Sem	Grd	Course Name	Prerequisites	Fa	Sp	Su
CS1000	3			Technology & Society	None	W	W	W
CS1150/L	4			Intro to Computer Science	None	D	D	
CS1160/L	4			Intro to Computer Programming	MPL30 or MTH1280 or MTH1450 or MTH2410 or STT1600 or STT2640	D	D	
CS1300/L	4			Data Science for Everyone	MTH1280 or MTH1450 or MTH2410 or STT1600 or STT2640 or MPL30			

<b>D</b>	<b>Day</b>
<b>E</b>	<b>Evening</b>
<b>W</b>	<b>Web Only</b>
<b>FM</b>	<b>Full Major Status</b>

**Notes:**