

Student: \_\_\_\_\_ BU-ID# \_\_\_\_\_

Course pre-requisites are listed in parentheses. Other required courses may be designated as part of the advising process. All students must present evidence of previous equivalent coursework or complete the following:

	Taken	Needs	#	Title
<b>Core Courses</b>				
1			CAS MA 124	Calculus II (MA 123)
3			CAS PY 211	Physics I (co-req. MA 124)
4			CAS PY 212	Physics II (PY211)
5			ENG EK 121	Introduction to Programming & Data Science
6			ENG EK 122	Programming for Engineers
7			ENG EC 311	Introduction to Logic Design (co-req. EK 307)
8			ENG EC 327	Introduction to Software Engineering (EK 127)
9			EC330	Applied Algorithms for Engineers
<b>Choose at least one of the following</b>				
10			ENG EC 413 (F)	Computer Organization (EC 311)
11			ENG EC 441 (F)	Introduction to Computer Networking
12			EC 444	Networking in the Physical World
<b>Choose three courses from the following</b>				
13			ENG EK 381	Probability, Statistics, and Data Science for Engineers
14			ENG EK 307	Circuits and Systems
15			MA 225	Multivariate Calculus (MA 124)
16			MA 226	Differential Equations (MA225)
17			MA 242 (4cr) <b>OR</b> MA142 (2cr) & MA 193 (2cr)	Linear Algebra
18			MA 193	Discrete Mathematics for Engineering
19			Any ECE course 400 or above	Recommended: EC 440 Introduction to Operating Systems & EC 447 Software Design
20			Certain CS courses with approval of LEAP advisor	

Minimum # of courses needed for LEAP foundation: \_\_\_\_\_

Comments:

Advisor Initials: \_\_\_\_\_ Date: \_\_\_\_\_

**LEAP Program Plan      Computer Engineering**

**Student:** \_\_\_\_\_ **BU-ID#** \_\_\_\_\_

**Foundation Planning Sheet**

**Enter the course numbers for each LEAP foundation Semester/Year.**

Semester	Year	Semester	Year	Semester	Year