Name: _____ **Date:** _____

BISMARCK STATE COLLEGE

Nuclear Power Technology

Associate in Applied Science

Advising Worksheet* 2022-2023

Non-License Operator Track	
Prescribed Technical Program Total	52
General Education Total	15
Total Degree Credits	**67**

1st Semester (Fall Only) -Non-License Operator Track only

Prescribed Technical Program Requirements

NUPT	101	Overviw of Nuclear Energy	2
NUPT	103	Nuclear Mathematics Fundamentals	3
NUPT	105	Classical Physics	4
NUPT	107	Engineering Drawings, Diagrams, Schematics	3
		Total Credits	**12**

2nd Semester (Spring Only) - Non-License Operator Track

Prescribed Technical Program Requirements

NUPT	113	Mechanical Science	3
NUPT	215	Nuclear Plant Chemistry	3
NUPT	109	Electrical Science	4
NUPT	213	Nuclear Physics	3
		Total Credits	**13**

3rd Semester (Fall Only) - Non-License Operator Track

Prescribed Technical Program Requirements

NUPT	217	Heat Transfer, Fluid Flow & Thermodynamics	4
NUPT	111	Instrumentation & Control	4
NUPT	221	Science of Radiological Protection	3
NUPT	219	Material Science	3
		Total Credits	**14**

4th Semester (Spring Only) - Non-License Operator Track

Prescribed Technical Program Requirements

NUPT	220	Reactor Theory	2
NUPT	225	Nuclear Plant Sys. Comp., Design & Function	4
NUPT	223	Reactor Safety Design	3
NUPT	227	Conduct of Facility Operations	4
		Total Credits	**13**

General Education Requirements

Arts & Humanities/Social & Behavioral Sciences			
1.			3
Business, Math, Science & Technology (Two areas of study required.)			
1.			3
2.			3
Communications I			
ENGL	110	College Composition I (Required)	3
Communications II (Select one course.)			
ENGL	120	College Composition II	
ENGL	125	Intro to Professional Writing	3
COMM	110	Fundamentals of Public Speaking	
		Total Credits	**15**