

Program Certificate

Advising Worksheet* 2019-2020

Prescribed Technical Program Total	52
General Education Total	<u>4</u>
Total Degree Credits	56

Semester I

Prescribed Technical Program Requirements

ENRT	101	Introduction to Energy Technology	4
ENRT	105	Safety, Health & Environment	3
ENRT	107	Mechanical Fundamentals	2
ENRT	110	Plant Equipment & Systems	4
<i>Total Credits</i>			13

Semester II

Prescribed Technical Program Requirements

ENRT	112	Print Reading	3
ENRT	103	Applied Math	3
ENRT	104	Electrical Fundamentals	3
ENRT	116	Instrumentation & Control	4
<i>Total Credits</i>			13

Semester III

Prescribed Technical Program Requirements

ENRT	118	Heat Transfer, Fluid Flow & Thermodynamics	3
ENRT	120	Water Purification & Treatment	3
ENRT	205	Power Plant Technology	3

Semester IV

Prescribed Technical Program Requirements

PWRP	203	Energy Sources & Conversions	3
PWRP	207	Boilers & Environmental Protection	3
PWRP	210	Turbines & Combined Cycle	3
PWRP	224	Power Generation Components & Protection	3
ENRT	220	Practical Applications	2
<i>Total Credits</i>			14

General Education Requirements

Complete 4 credits of general education from any two areas of study.

- 1.
- 2.

Total Credits **4**

* The advising worksheet is unofficial and to be used for class planning purposes only. Please refer to the official catalog at <http://catalog.bismarckstate.edu> for the complete listing of the degree requirements.

Programs Containing 45 or more Prescribed Technical Program Requirements
2019-2020 Catalog



Gr. Cr.