

Petroleum Production Technology

Program Certificate
Advising Worksheet 2016-2017

Prescribed Technical Program Total	50
General Education Total	4
Total Degree Credits	54

Semester I Semester III **Prescribed Technical Program Requirements Prescribed Technical Program Requirements** 220 Production Equipment (Fall Semester Only) 101 Introduction to Energy Technology 105 Safety, Health & Environment PROD 230 Well Services (Fall Semester Only) **ENRT** 240 Artificial Lift & Enhanced Oil Recovery (Fall Semester Only) **ENRT** 107 Mechanical Fundamentals PROD 215 Operations, Troubleshooting & Communications **ENRT** 112 Print Reading **ENRT Total Credits 12**

Seme	Semester II							
Prescril	bed Te	chnical Program Requirements						
PROD	110	Fundamentals of the Petroleum Industry (Spring Semester Only)	4					
ENRT	103	Applied Math	3					
ENRT	104	Electrical Fundamentals	3					
ENRT	116	Instrumentation & Control	4					
		Total Credits	14					

Semester IV							
Prescrib	bed Te	chnical Program Requirements	_				
PROP	235	Hydrocarbon Chemistry	3				
PROD	250	Production Safety, Health & Environment (Spring Semester Only)	4				
PROP	239	Gas Processing	3				
ENRT	220	Practical Applications	2				
		Total Credits	12				

Total Credits 12

General Education Course Requirements						
Select 4 credits of general education courses in 2 areas of study.						
1.		1				
2.	_	4				
	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.

Program Certificate 2016-2017 Catalog

egree	Checklist	
	Earned a minimum of 15 institutional credits (BSC only)	Completed prescribed technical program requirements
	Earned a minimum 2.00 institutional GPA (BSC only)	Cleared all college obligations
	Earned a minimum 2.00 cumulative GPA (BSC + Transfer)	Filed an Application for Degree
	Earned a minimum 2.00 Prescribed Technical Program GPA	Programs containing 45 or more credits:
		Earned a minimum of 4 credits of General Education from two areas of study
-Acade	mic Skills Courses (ASC) do not count toward graduation	

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(*) Course not approved as GERTA

General Education Requirements

. Cr.			Gr. Cr.			Gr. Cr.		
3	* ACCT 200	Elements of Accounting I	3	ENGL 110	College Composition I	1	MUSC 145	Applied Music
- 3 ;	* ACCT 201	Elements of Accounting II	3	ENGL 120	College Composition II	1	MUSC 146	Applied Music - Major
3	ART 110	Introduction to the Visual Arts	3	ENGL 125	Introduction to Professional Writing	3	* NUTR 240	Principles of Nutrition
- 3	ART 122	Two-Dimensional Design	3	ENGL 211	Introduction to Creative Writing	3	PHIL 101	Introduction to Philosophy
_ 3	ART 124	Three-Dimensional Design	3	ENGL 221	Introduction to Drama	3	PHIL 210	Ethics
3	ART 130	Drawing I	3 *	* ENGL 222	Introduction to Poetry	3	PHIL 220	Introduction to Logic
3	ART 210	Art History I		ENGL 233	Fantasy and Science Fiction	3	PHIL 250	Philosophy in Cinema
3	ART 211	Art History II		ENGL 236	Women and Literature	3	PHIL 253	Environmental Ethics
3	ART 220	Painting I	3	ENGL 238	Children's Literature	3/1	PHYS 100	Concepts of Physics/Lab
3	ART 221	Painting II	3	ENGL 251	British Literature I	3/1	PHYS 110	Introductory Astronomy/Lab
3	ART 230	Drawing II	3	ENGL 252	British Literature II	3/1	PHYS 211	College Physics I/Lab
3	ART 250	Ceramics I	3	ENGL 261	American Literature I	3/1	PHYS 212	College Physics II/Lab
3	ART 251	Ceramics II	3	ENGL 262	American Literature II	4/1	PHYS 251	University Physics I/Lab
2	ART 265	Sculpture I	3	ENGL 278	Alternative Literature	4/1	PHYS 252	University Physics II/Lab
2	ART 266	Sculpture II	3/1	GEOG 121	Physical Geography/Lab	2/1	PLSC 110	World Food Crops/Lab
3/1	ASTR 150	Meteorology/Lab	3/1	GEOL 102	Historical Geology/Lab	3	POLS 115	American Government
3	* BADM 202	Principles of Management	3/1	GEOL 105	Physical Geology/Lab	3	POLS 116	State and Local Government
3	* BADM 210	Advertising I	3	GIS 105	Fundamentals of GIS	3	POLS 220	International Politics
3	* BADM 240	Sales	3	* GIS 107	GIS Applications	3	PSYC 111	Introduction to Psychology
3	* BADM 281	Organizational Behavior	3	HIST 101	Western Civilization I	3	* PSYC 211	Introduction to Behavior Modifica
3	* BADM 282	Human Resource Management	3	HIST 102	Western Civilization II	3	PSYC 250	Developmental Psychology
- 1	* BIOL 102	Introduction to Aquarium Keeping	3	HIST 103	United States to 1877	3 *	PSYC 261	Psychology of Adjustment
3	BIOL 109	The Living World	3	HIST 104	United States since 1877	3	PSYC 270	Abnormal Psychology
3/1	BIOL 111	Concepts of Biology/Lab	3	HIST 220	North Dakota History	3	RELS 120	Religion in America
3/1	BIOL 115	Human Structure and Function/Lab	3	HIST 222	History of the Western Frontier	3	RELS 201	Life and Letters of Paul
3	BIOL 124	Environmental Science	3	HIST 224	American Studies I	3	RELS 203	World Religions
3/1	BIOL 126	Human Biology/Lab	3	HIST 225	American Studies II	3	RELS 220	Old Testament
3/1	BIOL 150	General Biology I/Lab	1-3	* HIST 243	Historical Investigations	3	RELS 230	New Testament
3/1	BIOL 151	General Biology II/Lab	3	HUMS 210	Integrated Cultural Studies	3/1	SCNC 101	Physical Science I/Lab
3/1	BIOL 220	Anatomy and Physiology I/Lab	1-4	HUMS 211	Integrated Cultural Excursion			(Biology & Chemistry)
3/1	BIOL 221	Anatomy and Physiology II/Lab	2	HUMS 212	Integrated Cultural Enrichment	3/1	SCNC 102	Physical Science II/Lab
3/1	BIOL 250	Survey of Tropical Biology/Lab	4	MATH 103	College Algebra			(Physics & Geology)
3/1	BIOL 251	Community Ecology/Lab	3	MATH 104	Finite Mathematics	3/1	SCNC 103	Physical Science III/Lab
_								(Astronomy & Meteorology)

3/1 BOT 170 3 * BUSN 120 3/1 CHEM 110 3/1 CHEM 112 3/1 CHEM 114 4/1 CHEM 115 4/1 CHEM 116 4/1 CHEM 121 4/1 CHEM 122 4 * CIS 164 3 CJ 201 3 COMM 110 3 COMM 211 3 * COMM 212 CSCI 101 3 CSCI 122 CSCI 160 4 CSCI 161 3 ECON 105 3 ECON 201 Transfer Course	Plant Form and Diversity/Lab Fundamentals of Business Survey of Chemistry/Lab Introduction to Forensic Science/Lab Chemistry in Art/Lab Introductory Chemistry/Lab Intro to Organic and Biochemistry/Lab General Chemistry I/Lab General Chemistry II/Lab Networking Fundamentals I Introduction to Criminal Justice Fundamentals of Public Speaking Oral Interpretation Interpersonal Communications Introduction to Computers Beginning Visual Basic Computer Science I Computer Science II Elements of Economics Principles of Microeconomics Principles of Macroeconomics	2 MATH 105 4 MATH 107 3 * MATH 137 3 MATH 146 4 MATH 165 4 MATH 166 3 * MATH 208 3 MATH 210 4 * MATH 277 3/1 MICR 202 3 MUSC 100 1 MUSC 117 1 MUSC 118 1 MUSC 118 1 MUSC 132 1 MUSC 133 1 MUSC 134 1 MUSC 135 1 MUSC 136 1 MUSC 137 1 * MUSC 138 Transfer Course	Pre-Calculus Applied Algebra Applied Calculus I Calculus I	3 SOC 110 3 SOC 115 3 SOC 220 3 SOC 221 3 SOC 235 3 SOC 251 3 SOC 252 3 SOC 275 2/1 * SOIL 210 4 SPAN 101 4 SPAN 102 4 SPAN 201 4 SPAN 201 4 SPAN 202 3 SWK 256 3 THEA 110 3 THEA 161 3 THEA 261 Transfer Course	Introduction to Sociology Social Problems Family Minority Relations Cultural Diversity Gerontology Criminology American Indian Studies Introduction to Soil Science/Lab First Year Spanish I First Year Spanish II Second Year Spanish II Development of Social Welfare Introduction to Theatre Arts Acting I Acting II
Academic Skills	·				
• •	ills Courses (ASC), as well as Math 102, and credit and will not count toward the s	· •	t indicate the need for college preparat	ion work before enrollment in col	llege level courses. These courses will not
Gr. Cr.	a creat and will not count toward the s	Gr. Cr.			
2 ASC 082 3 ASC 087	Effective Reading	2 ASC 92 2 ASC 93	Algebra Prep II		
3 ASC 087 1 ASC 088	College Writing Prep Composition Lab	3/1 ASC 098	Algebra Prep III Basic Biology/Lab		
2 ASC 91	Algebra Prep I				
Advisor:					
0.00					
Office:					
Phone:					
Emails					
Email:		-			

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