

## MEMORANDUM OF UNDERSTANDING BETWEEN BOSSIER PARISH COMMUNITY COLLEGE AND NORTHWESTERN STATE UNIVERSITY



## INTENT

This Memorandum of Understanding between Bossier Parish Community College (BPCC) and Northwestern State University (NSU) is intended to provide expanded educational opportunities for seamless transfer of students between BPCC and NSU. The goal of this Memorandum of Understanding is to reduce duplication of instruction, reduce student time to completion, and minimize student financial obligations.

## **AGREEMENT**

The following associate and baccalaureate curricular areas are covered by this memorandum. These degrees will not be a pure 2+2 agreement, but will still facilitate the planning and transfer of hours between BPCC and NSU. The curricula is as follows:

BPCC (Associate of Applied Science)

Oil and Gas Production Technology

NSU (Baccalaureate)

**Industrial Engineering Technology** 

Details of the transfer of hours between BPCC and NSU are included in the attached course mapping sheet.

In addition, Bossier Parish Community College and Northwestern State University agree to work on enhancing the number of students who transfer to Northwestern State University after completing the AAS in Oil and Gas Production Technology. Northwestern State University will ask each semester for a list of students completing the AAS in Oil and Gas Production Technology and their contact information. Bossier Parish Community College agrees to provide the requested information (where possible staying in accordance with state and federal laws).

The signature of each representative indicates that the institution acknowledges and agrees with the information set forth in the Memorandum of Understanding.

For Northwestern State University	For Bossier Parish Community College
and the same of th	PROA
Dr. Jim Henderson, President	Dr. Rick Bateman, Jr., Chancellor
30 NW 15	11.30.15
Date	Date

## Bossier Parish Community College AAS Oil and Gas Production Technology Northwestern State University BS Industrial Engineering Technology

Values sity Core         Hrs.         BPCC EQUIYALENT         IET Curriculum         Hrs.         BPCC EQUIYALENT           B-GL 1010         3         ENGL 101 (3)         EET 1300         3         TEBD 101 (3)           B-GL 1020         3         ENGL 101 (3)         EET 1320         3         TEBD 101 (3)           MATH 1020 (3)         3         MATH 102 (3)         EET 1320         3         CGPT 201 (3)           MATH 1020 (3)         3         MATH 102 (3)         EET 1220         3         CGPT 201 (3)           MATH 1020 (3)         3         CHEM 107 (3)         EET 1220         3         CGPT 201 (3)           PHYS 2010         1         MATH 102 (3)         EET 1220         3         CGPT 201 (3)           PHYS 2012         1         CHEM 107 (3)         EET 1020         3         CGPT 201 (3)           PHYS 2021         1         CGPT 201 (3)         EET 1020         3         CGPT 201 (3)           PHYS 2021         1         CGPT 201 (3)         EET 240         3         CGPT 201 (3)           PHYS 2021         1         CGPT 201 (3)         EET 240         3         CGPT 201 (3)           Brick 2110         1         CGPT 201 (3)         EET 240         3         <			Effective FALL 2016	.L 2016		
S	University Core	Hrs.	BPCC EQUIVALENT	IET Curriculum	Hrs	BPCC EQUIVALENT
3 ENGL 101 (3) EET 1300   3   3   5   5   5   5   5   5   5   5	ENGLISH					
3   MATH 102 (3)   EET 1301   1	ENGL 1010	3	ENGL 101 (3)	EET 1300	3	TEED 101 (3)
S	ENGL 1020	3		EET 1301	-	TEED 101 (1)
3   MATH 102 (3)   EET 1321   1   1   1   1   1   1   1   1   1	MATHEMATICS			EET 1320	3	OGPT 203 (3)
S         EET 4940         2           S         EET 4940         2           S         CHEM 107 (3)         IET 1020         3           s         CHEM 107 (3)         IET 1400         1           s         PHSC 11 (3)         IET 1200         3           s         PHSC 11 (3)         IET 1200         3           s         PHSC 11 (1)         IET 2020         3           or 2010 or 2020         3         IET 2020         3           or 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 350         3           or 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 4700         3           c         HUMANITIES ELECTIVE (3)         IET 4700         3         3           c         HUMANITIES ELECTIVE (3)         IET 4700         3         3           d         HUMANITIES ELECTIVE (3)         IET 4700         3         3           d         HUMANITIES ELECTIVE (3)         IET 4750         3           d         HUMANITIES ELECTIVE (3)         IET 4750         3           d         HUMANITIES ELECTIVE (3)         IET 4750         3           d         HUMANITIES ELECTIVE (4)         IET 4	MATH 1020 (3)	3	MATH 102 (3)	EET 1321	-	OGPT 203 (1)
ST	MATH 1090 (3)	3		EET 4940	2	
The control of the	NATURAL SCIENCES					
S         CHEM 107 (3)         IET 1400         3           s         PHSC 111 (3)         IET 1700         1           s         PHSC 111 (3)         IET 1700         3           1         OGPT 221 (1)         IET 1800         3           1         COPT 221 (1)         IET 1800         3           1         IET 2020         3           1         IET 2400         3           1         IET 2400         3           1         IET 2400         3           1         IET 2400         3           1         IET 2700         3           1         IET 2700         3           1         IET 3550         3           2         IET 3500         3           3         IET 4720         3           4         IET 4730         3           5         IET 4730         3           6         IET 4730         3           1         IET 4750         3           3         POSC 202 (3)         IET 4750         2           1         Technical Elective I         3           1         Technical Elective I         3	Physical Sciences			IET 1020	3	OGPT 131 (3)
3 PHSC 111 (3)   IET 1700   17   180   1	CHEM 1030	3	CHEM 107 (3)	IET 1400	3	OGPT 207 (3)
s         1         OGPT 221 (1)         IET 1800         3           s on traduct         1         OGPT 221 (1)         IET 2020         3           neature         1         IET 2400         3           reature         3         IET 2740         3           reature         3         IET 2790         3           or 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 3570         3           or 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 4700         3           CE         3         DOSC 202 (3)         IET 4750         3           CE         3         POSC 202 (3)         IET 4750         3           3         OGPT 101 (3)         Technical Elective I         3           4         Choice in an in	PHYS 2030	3	PHSC 111 (3)	IET 1700	-	ISAF 109 (1)
s         lET 2020         3           010-1011         3         lET 2400         3           stature         lET 2740         3           rature         3         lET 2790         3           or 2010 or 2020         3         lET 3150         3           or 2010 or 2020         3         HUMANITIES ELECTIVE (3) IET 3550         3           or 2010 or 2020         3         IET 4700         3           let 7750         let 7470         3           let 7750         let 7470         3           let 7470         let 7490 or EET 4950         2           ce         let 7490 or EET 4950         2           let 7470         let 7490 or EET 4950         3           let 7470         let 7490 or EET 4950         2           let 7470         let 7490 or EET 4950         3           let 7470         let 7490 or EET 4950         3           let 7470         l	PHYS 2031	-	OGPT 221 (1)	IET 1800	3	ISAF209 (3)
rature         IET 2400         3           reture         IET 2740         3           rature         IET 2740         3           or 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 350         3           or 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 350         3           or 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 4700         3           CE         3         IET 4700         3         3           CE         1ET 4750         2         3           CE         1ET 4750         3         3           CLB         1ET 4750         3         4           CLB         3         OGPT 101 (3)         1Technical Elective I         3           ALL 3190         3         4         4         4	Biological Sciences			IET 2020	3	OGPT 221 (3)
rature         IET 2740         3           crature         3         IET 2790         3           or 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 3510         3           or 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 3570         3           cor 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 4700         3           cor 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 4700         3           cor 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 4700         3           cor 2010 or 2020 or 2020         3         IET 4730         3           cor 2020 or SOC 1010         3         POSC 202 (3)         IET 4750         3           cor 2020 or SOC 1010         3         POSC 202 (3)         IET 4750         3           cor 2020 or SOC 1010         3         OGPT 101 (3)         Technical Elective I         3           cor 2030 or SOC 1010         3         OGPT 101 (3)         Technical Elective II         3           d         4         Acchnical Elective II         3         4           d         4         Acchnical Elective II         3         4           d <t< td=""><td>SCI 1020 or BIOL 1010-1011</td><td>3</td><td></td><td>IET 2400</td><td>3</td><td>OGPT 217 (3)</td></t<>	SCI 1020 or BIOL 1010-1011	3		IET 2400	3	OGPT 217 (3)
rature         IET 2790         3           or 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 3510         3           or 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 3570         3           cor 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 4700         3           cor 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 4720         3           cor 2010 or 2020         3         HONSC 202 (3)         IET 4730         3           cor 2030 or SOC 1010         3         HONSC 202 (3)         IET 4750         2           cor 2030 or SOC 1010         3         HONSC 202 (3)         IET 4750         3           cor 2030 or SOC 1010         3         OGPT 101 (3)         Technical Elective I         3           cor 2030 or SOC 1010         3         OGPT 101 (3)         Technical Elective II         3           cor 2030 or SOC 1010         3         Technical Elective II         3           cor 2030 or SOC 1010         3         Technical Elective II         3           cor 2030 or SOC 1010         3         Technical Elective II         3           cor 2030 or SOC 1010         3         Technical Elective II         3	HUMANITIES			IET 2740	3	OGPT 103 (3)
CE         IET 3150         3           HUMANITIES ELECTIVE (3)         IET 3510         3           Or 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 4700         3           IET 4700         1         IET 4720         3           IET 4720         3         IET 4730         3           IET 4750         1         3         IET 4750         3           I 1010 or 2050 or SOC 1010         3         IET 4750         3         3           I 13190         3         OGPT 101 (3)         Technical Elective I         3           I 2 190         3         OGPT 101 (3)         Technical Elective II         3           I 3         OGPT 101 (3)         Technical Elective II         3           I 3         OGPT 101 (3)         Technical Elective II         3           I 3         Technical Elective II         3           I 3         Technical Elective II         3           I 3         Technical Elective II         3           I 4         I 5         Technical Elective II         3           I 5         Technical Elective II         3           I 6         Technical Elective II         3           I 5 <t< td=""><td>Introduction to literature</td><td></td><td></td><td>IET 2790</td><td>3</td><td>TEED 153 (3) or OGPT 153 (3)</td></t<>	Introduction to literature			IET 2790	3	TEED 153 (3) or OGPT 153 (3)
CE         IET 3510         3           CE         1 HUMANITIES ELECTIVE (3) IET 3550         3           1 ET 4700         3         IET 4700         3           1 ET 4700         3         IET 4700         3           1 ET 4700         3         IET 4700         3           1 ET 4700         1 IET 4700         3           1 ET 4750         2         3           1 ET 4750         2         3           1 ET 4750         2         3           1 ET 4750         3         1           1 ET 4750         2         3           1 ET 4750         3         1           1 ET 4750         4         1	ENGL 2110	3		IET 3150	3	
or 2010 or 2020         3         HUMANITIES ELECTIVE (3)         IET 3570         3           1         3         IET 4700         3           1         1         IET 4700         3           1         IET 4730         3           1         IET 4730         3           1         IET 4750         3           1         IET 4760 or EET 4950         2           2         IET 4760 or EET 4950         3           3         OGPT 101 (3)         Technical Elective I         3           4	History			IET 3510	3	
Terr 3570   Section   Se	HIST 1010 or 1020 or 2010 or 2020	3	HUM ANITIES ELECTIVE (3)	IET 3550	3	
3   IET 4700   3	Communication			IET 3570	3	
IET 4720   3   1ET 4730   3   3   1ET 4730   3   3   3   3   3   3   3   3   3	COMM 1010	Э		IET 4700	3	
3   IET 4730   3	FINE ARTS			IET 4720	3	
CE         IET 4750         3           CE         IET 4960 or EET 4950         2           CE         POSC 202 (3)         IET 4960 or EET 4950         2           2 1010 or 2050 or SOC 1010         3         TECHNICAL ELECTIVES         2           3 OGPT 101 (3)         Technical Elective I         3         3           6 S         Technical Elective II         3         3           6 S         Technical Elective II         3           7 I SAF 109 (1)         Transferred from BPCC-59 Credit Hours           7 Transferred from BPCC-59 Credit Hours           7 Transferred from BPCC-59 Credit Hours	FA 1040	Э		IET 4730	3	
CE         POSC 202 (3)         IET 4960 or EET 4950         2           2 1010 or 2050 or SOC 1010         3         TECHNICAL ELECTIVES         6           3 OGPT 101 (3)         Technical Elective I         3           6 6         7         Technical Elective II         3           6 6         7         Technical Elective II         3           7 1         ISAF 109 (1)         Transferred from BPCC-59 Credit Hours           7 1         Transferred from BPCC-59 Credit Hours           7 1         To be taken at NSU-61 Credit Hours	SOCIAL SCIENCE			IET 4750	3	
CE         CE<	ECON 2000	з	POSC 202 (3)	IET 4960 or EET 4950	2	
TECHNICAL ELECTIVES   3   TECHNICAL ELECTIVES   3   Technical Elective I   3   3   Technical Elective II   3   3   3   3   3   3   3   3   3	BEHAVIORAL SCIENCE					
TECHNICAL ELECTIVES   3   OGPT 101 (3)   Technical Elective I   3   3   3   3   3   4   4   4   4   4	EPSY 2020 or PSYC 1010 or 2050 or SOC 1010	3				
3   OGPT 101 (3)   Technical Elective I   3	SUPPORT COURS ES			TECHNICAL ELECTIVES		
Technical Elective II   3   3   3   3   3   3   3   3   3	CSC 1060	ж	OGPT 101 (3)	Technical Elective I	3	APPROVED ELECTIVE (3)
6   To Date 1	ENGL 3230 or ENGL 3190	3		Technical Elective II	Т	OGPT 280 (3) or OGPT ELECT (
3   ISAF 109 (1)   Transferred from BPC   To be taken at NSI	MATH 2020	9				
Transferred from BPC(Tope taken at NSI)	MATH 2050	3				
Transferred from BPCC-59 Credit Hours  To be taken at NSU-61 Credit Hours	UNIV 1000	1	ISAF 109 (1)	TOTAL HOURS	FORD	EGREE: 120
To be taken at NSU-61 Credit Hours				Transferred from BPCC-59 Credit Hours		
				To be taken at NSU-61 Credit Hours		