

Memorandum of Understanding
Establishing an AS to BS in Engineering Progression Program Between

BOSSIER PARISH COMMUNITY COLLEGE
Associate of Science in Engineering
AND
LOUISIANA TECH UNIVERSITY
Bachelor of Science in an Engineering Discipline

This memorandum of understanding (MOU) serves as an agreement between Bossier Parish Community College (BPCC) and Louisiana Tech University (LaTech) to facilitate transfer for students desiring to earn a bachelor's degree upon completion of their associate's degree at BPCC.

BPCC students in the Associate of Science degree program who declare their intent to pursue the Bachelor of Science in an Engineering Discipline at LaTech will be:

1. Admitted to LaTech upon successful completion of the BPCC Associate of Science and an overall GPA of 2.5.
2. Admitted to LaTech using the catalog of record upon entry at LaTech or BPCC, whichever is more beneficial to the student and assigned a faculty advisor from the LaTech College of Engineering and Science for assistance at LaTech.

LaTech will:

1. Deliver curriculum information to BPCC for the Engineering program.
2. Develop, in conjunction with BPCC, an "Intent to Participate" agreement to expedite program progression.
3. Encourage and support students to complete the Associate of Science prior to progressing to the Bachelor of Science program at LaTech.
4. Provide advisors to participating students in the Associate of Science at BPCC. Advisors will be available by telephone and online consultation, as well as on-site appointments.
5. Communicate any and all degree program changes to BPCC.
6. Recognize the existence of this progression program in the general catalog under the program description for Engineering.
7. Encourage BPCC students to become engaged in professional student organizations at LaTech.

BPCC will:

1. Maintain files related to the progression of students in this program.
2. Encourage students to pursue the AS to BS progression program and advise students to progress in a timely manner.
3. With student consent will provide LaTech with participating student transcripts to facilitate the recording of student data at LaTech and to allow for timely advising.
4. Develop, in conjunction with LaTech, an "Intent to Participate" agreement that will allow seamless record transferability and data sharing in compliance with the Family Educational Rights and Privacy Act (FERPA).
5. Convene each year with LaTech representatives to assess program progress.
6. Communicate degree program changes to LaTech.
7. Promote and market the program in the BPCC service area.
8. Recognize the progression program in the BPCC catalog under the program description for Associate of Science.
9. Coordinate student participation in LaTech professional student organizations.

Contact Information:

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Additional Information:

This agreement is effective upon signing. Either party may terminate the agreement through a written notice of intent at the end of the semester/quarter of notification. Should the agreement be discontinued, students who declared their intent to participate will be allowed to progress through the program and complete according to the terms of the original agreement.

Changes to this agreement may be made at any time, in writing, with a 60 day notice, with the express written agreement of the chief academic officers of each campus.

Both parties will share assessment data and will meet periodically to assess the program.

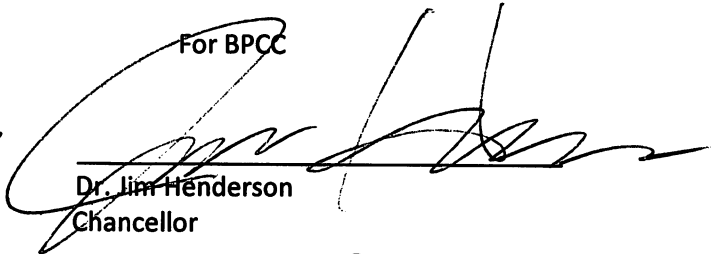
Attachments indicating the current Associate of Science at BPCC and the transferability of that degree's credits to a bachelor's degree in an Engineering Discipline at Louisiana Tech University are attached and made a part of this agreement.

For LATECH

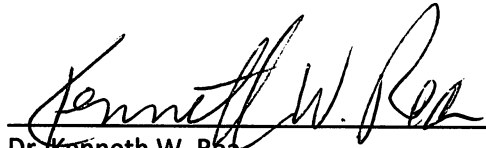


Dr. Daniel D. Reneau
President

For BPCCC



Dr. Jim Henderson
Chancellor



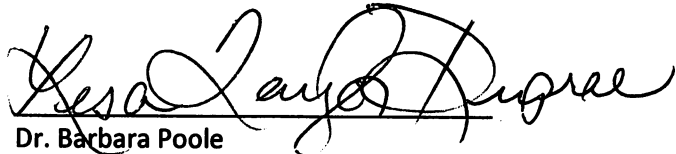
Dr. Kenneth W. Rea
Vice President for Academic Affairs



Dr. Stan Wilkins
Vice Chancellor for Academic Affairs



Dr. Stan Napper, Dean
College of Engineering and Science



Dr. Barbara Poole
Associate Vice Chancellor for Academic Affairs

11/2/10
Date

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LOUISIANA TECH UNIVERSITY

Bachelor of Science in a College of Engineering Discipline

ENGLISH (6 credit hours):

BPCC COURSE	LATECH COURSE
ENGL 101	ENGL 101
ENGL 102	ENGL 102

MATHEMATICS (12 credit hours):

BPCC COURSE	LATECH COURSE
MATH 250	MATEH 241
MATH 251	MATEH 242
MATH 252	MATEH 243
MATH 253	MATEH 244

APPROVED NATURAL SCIENCE (9 credit hours):

BPCC COURSE	LATECH COURSE
CHEM 101 (3)	CHEM 101 (2), 103 (1-lab)
PHYS 211	PHYS 201
PHYS 212	PHYS 202

SOCIAL SCIENCE (6 credit hours):

BPCC COURSE	LATECH COURSE
Gen Ed Social Science (BADM 201 is preferred.)	
Gen Ed Social Science	

ARTS (3 credit hours):

BPCC COURSE	LATECH COURSE
Gen Ed Arts Appreciation	

HUMANITIES (3 credit hours):

BPCC COURSE	LATECH COURSE
Gen Ed Humanities (World/Int'l History)	

ENGINEERING SCIENCE ELECTIVES (18 credit hours):

BPCC COURSE	LATECH COURSE
ENGL 100 (3) & ENGL 101 (3)	ENGR 120/121/122 (6)
ENGR 220 (3)	ENGR 220 (Statics)
ENGR 221 (3)	ENGR 221 (Circuits)
ENGR 222 (3)	ENGR 222 (Thermodynamics)
ENGR 201 (3)	MEMT 201 (Strength/Materials)

ADDITIONAL SCIENCE ELECTIVE (3 credit hours):

BPCC COURSE	LATECH COURSE
BLGY 105	BISC 130

Recommended Schedule for Associate Degree Course at BPCC appears on next page.

Applicable to these B.S. degrees at Louisiana Tech University:

- **Biomedical Engineering**
- **Chemical Engineering**
- **Civil Engineering**
- **Electrical Engineering ***
- **Industrial Engineering**
- **Mechanical Engineering**
- **Nanosystems Engineering**

* Due to the curriculum layout and progression, it's typical for students to complete BS in Electrical Engineering three years after transfer. For completing other B.S. engineering degrees listed above, a typical period is two years after transfer.

Recommended Schedule for Associate of Science in Engineering (BPCC)

Freshman Year

First Semester		Hours
ENGR 100	Engineering Fundamentals I	3
MATH 250	Calculus I	3
CHEM 101	General Chemistry I	3
History Elective		3
ENGL 101	Composition and Rhetoric I	<u>3</u>
		15
Second Semester		Hours
ENGR 220	Statics	3
ENGR 201	Mechanics of Engineering Materials	3
MATH 251	Calculus II	3
PHYS 211	Physics Engineering/Science I	3
ENGL 102	Composition and Rhetoric II	<u>3</u>
		15

Sophomore Year

Third Semester		Hours
ENGR 221	Circuits	3
MATH 252	Calculus III	3
PHYS 212	Physics Engineering/Science II	3
Social Science Elective (BADM 201 Preferred)		3
ENGR 101	Engineering Fundamentals II	<u>3</u>
		15
Fourth Semester		Hours
ENGR 222:	Thermodynamics	3
MATH 253:	Calculus IV	3
BLGY 105:	Elements of Biology	3
ENGR 299: Engineering Internship <i>or</i>		3
Social Science Elective <i>or</i>		
TEED 161: SolidWorks 3D		
Fine Arts Appreciation Elective		<u>3</u>
		15

TOTAL HOURS: 60