



## **Memorandum of Understanding Establishing an Articulation Agreement Between**

**BATON ROUGE COMMUNITY COLLEGE**  
Associate of Science in Pre-Engineering  
**AND**  
**LOUISIANA TECH UNIVERSITY**  
Bachelor of Science in an Engineering Discipline

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

BRCC students in the Associate of Science Pre-Engineering 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 BRCC Associate of Science and a cumulative overall GPA of 2.25 and a grade of C or better in all courses being applied to a bachelor of science in an engineering discipline at LaTech.
2. Admitted to LaTech using the catalog of record upon entry at LaTech and assigned a faculty advisor from the LaTech College of Engineering and Science for assistance at LaTech.

LaTech will:

1. Deliver curriculum information to BRCC for the Pre-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 in Pre-Engineering prior to progressing to the Bachelor of Science program at LaTech.
4. Provide advisors to participating students in the Associate of Science at BRCC. 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 BRCC students to become engaged in professional student organizations at LaTech.

BRCC will:

1. Maintain files related to the progression of students in this program.
2. Encourage students wanting to transfer to LaTech to complete the AS in Pre-Engineering while following the agreed upon LaTech engineering pathway.
3. Advise students to progress in a timely manner.
4. 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.
5. 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).
6. Convene each year with LaTech representatives to assess program progress.
7. Communicate degree program changes to LaTech.
8. Promote and market the program in the BRCC service area.
9. Recognize the progression program in the BRCC catalog under the program description for Associate of Science in Pre-Engineering.
10. Coordinate student participation in LaTech professional student organizations.

Contact Information:

Dr. Karim Elkholy  
Engineering Program Manager  
Baton Rouge Community College  
Cypress Building, Room 233  
201 Community College Drive  
Baton Rouge, LA 70806  
225-216-8686  
[Elkholyk@mrybrcc.edu](mailto:Elkholyk@mrybrcc.edu)

Dr. Jenna Carpenter  
Associate Dean for Undergraduate Studies,  
College of Engineering and Science  
Louisiana Tech University  
600 Dan Reneau Drive (Bogard Hall)  
Ruston, LA 71270  
318-257-2842  
[jenna@latech.edu](mailto:jenna@latech.edu)

Additional Information:

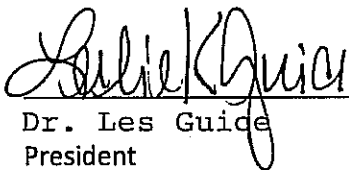
This agreement is effective upon signing. Either party may terminate the agreement through a written notice of intent at the end of the semester/quarter of notification. Should the agreement be discontinued, students who declared their intent to participate will be allowed to progress through the program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

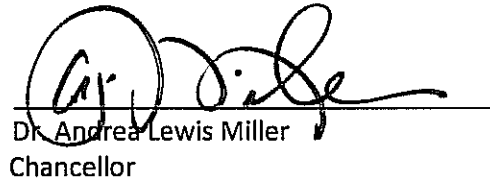
Both parties will share assessment data and will meet periodically to assess the program.

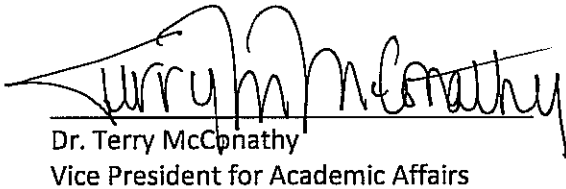
Attachments indicating the current Associate of Science in Pre-Engineering at BRCC and the transferability of that degree's credits to a bachelor's degree in an Engineering Discipline at Louisiana Tech University are attached and made a part of this agreement.

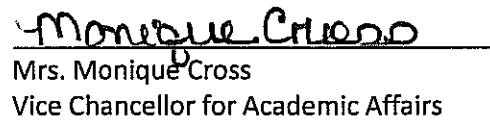
For LATECH

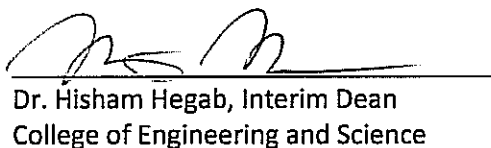
  
Dr. Les Guide  
President

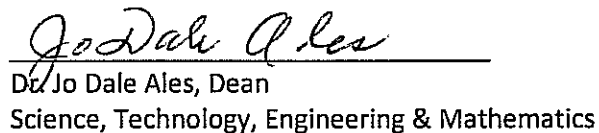
For BRCC

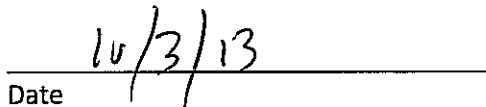
  
Dr. Andrea Lewis Miller  
Chancellor

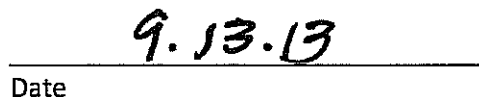
  
Dr. Terry McConathy  
Vice President for Academic Affairs

  
Mrs. Monique Cross  
Vice Chancellor for Academic Affairs

  
Dr. Hisham Hegab, Interim Dean  
College of Engineering and Science

  
Dr. Jo Dale Ales, Dean  
Science, Technology, Engineering & Mathematics

  
Date 10/3/13

  
Date 9.13.13

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Associate of Science in Pre-Engineering

**AND**

**LOUISIANA TECH UNIVERSITY**

Bachelor of Science in a College of Engineering Discipline

ENGLISH (6 credit hours):

BRCC COURSE	LATECH COURSE
ENGL 101 (3)	ENGL 101 (3)
ENGL 102 (3)	ENGL 102 (3)

MATHEMATICS (15 credit hours):

BRCC COURSE	LATECH COURSE
MATH 210 (5)	MATH 241 (3)
MATH 211 (5)	MATH 242 (3)
MATH 212 (4)	MATH 243 (3)
	MATH 244 (3)
MATH 290 (4)	MATH 245 (3)

APPROVED NATURAL SCIENCE (9 credit hours):

BRCC COURSE	LATECH COURSE
CHEM 101 (3)	CHEM 101 (2), 103 (1-lab)
PHYS 210 (3)	PHYS 201 (3)
*PHYS 211 (3) or	PHYS 202 (3) or
*CHEM 102 (3)	CHEM 102 (2), 104 (1-lab)

\* Students pursuing Biomedical, Chemical, or Civil Engineering degrees should take CHEM 102 instead of PHYS 211.

HUMANITIES (6 credit hours):

BRCC COURSE	LATECH COURSE
	Gen Ed Social Science (3)
	Gen Ed Social Science (3)

ARTS (3 credit hours):

BRCC COURSE	LATECH COURSE
ART ELECT. (3)	ART ELECT. (3)

HUMANITIES (6 credit hours):

BRCC COURSE	LATECH COURSE
LIT. ELECT. (3)	LIT. ELECT. (3)
	Gen Ed Humanities (World/Int'l History) (3)

ADDITIONAL SCIENCE ELECTIVE (3 credit hours):

BRCC COURSE	LATECH COURSE
BIOL 120 (3)	BISC 130 (3)

PRE-ENGINEERING ELECTIVES: (12 credit hours):

BRCC COURSE	LATECH COURSE
ENGR 103 (2)	In lieu of ENGR 120/121/122 (6); 4 hours of additional advanced engineering to be taken in major curriculum
ENGR 245 (3)	ENGR 220 (3-Statics)
ENGR 295 (3)	ENGR 221 (3-Circuits)
*ENGR 235 (3)	MEMT 201 (2-Materials) & MEEN 215 or CVEN 202 (1-Material Lab)

\*Students pursuing Chemical Engineering should take PHYS 211 instead of ENGR 235.

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

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