TAMIU-TAMUK Articulation Agreement – Revised: 10/14/14
Pre-Engineering Program (TAMIU) and Bachelor of Science Degrees in Engineering (TAMUK)

Architectural Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Environmental Engineering, Mechanical Engineering, and Natural Gas Engineering

A. Hours for transfer: 66 - 87 SCH may transfer; minimum: 42 SCH for automatic transfer.

B. Core Curriculum: 42 SCH including ENGL 1301, 1302; MATH 2413; CHEM 1111/1311; PHYS 2125/2325; 3 SCH from ENGL 2322 or ENGL 2323 or ENGL 2327 or ENGL 2328 or ENGL 2332 or ENGL 2333 or PHIL 1301; ARTS 1303; HIST 1301 and HIST 1302; PSCI 2305 and PSCI 2306; ECON 2301 or PSYC 2301 or SOCI 1306; COMM 1315.

C. Other: 10-15 SCH: PHYS 2326; PHYS 2126 (not required for Mechanical Engineering); MATH 2414; MATH 2415 (Math elective in Architectural Engineering and Civil Engineering, not required for Environmental Engineering and Natural Gas Engineering); MATH 3330.

D. TAMIU Course Requirements for Specific Engineering Degrees at TAMUK:
1. Architectural and Civil Engineering (22 SCH): BIOL 1406 or GEOL 1303/1103; ENGR 1204 and ENGR 1201; ENGR 2305/ENGR 2105; ENGR 2303/ENGR 2103; ENGR 2372; SENG 3300.
2. Chemical Engineering (23 SCH): BIOL 1406; CHEM 1412; CHEM 2423; CHEM 2425; COSC 1336/COSC 1136; SENG 3300.
3. Electrical Engineering (14 SCH): COSC 1336/COSC 1136; ENGR 2303/ENGR 2103; MATH 3310; SENG 3300.
4. Environmental Engineering (30 SCH): BIOL 1406; CHEM 1412; CHEM 2423; COSC 1336/COSC 1136; ENGR 1204/ENGR 1201; ENGR 2303/ENGR 2103; ENGR 2372; SENG 3300.
5. Mechanical Engineering (18 SCH): ENGR 1204 and ENGR 1201; ENGR 2305/ENGR 2105; ENGR 2303/ENGR 2103; ENGR 2372; SENG 3300.
6. Natural Gas Engineering (23 SCH): CHEM 1412; CHEM 2423; COSC 1336/COSC 1136; GEOL 1303/GEOL 1103; ENGR 2303/ENGR 2103; ENGR 2372

Note: BIOL 1406 was changed to BIOL 1106/1306 to meet Core Curriculum requirements. MT 12-1-14.

Approvals:

Chair
Department Curriculum Committee

Chair
Department

Chair
College Curriculum Committee

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Signature

Date

Qingwen Ni

October 15, 2014

Rohitha Goonatilake, Ph.D.

Frances Bernat