

2+2 Pathway
LC's AAS in Process Technology to BC's Bachelor's in Industrial Management

Course	Name	Credits	Completed	Need to Take
PTAC1302	<i>Introduction to Process Technology</i>	3	3	
PTAC1410	<i>Process Technology I: Equipment</i>	4	4	
PTAC1332	<i>Process Instrumentation I</i>	3	3	
PTAC1308	<i>Safety, Health, and Environment I</i>	3	3	
PTAC2420	<i>Process Technology II: Systems</i>	4	4	
PTAC2314	<i>Principles of Quality</i>	3	3	
PTAC2346	<i>Process Troubleshooting</i>	3	3	
ENGT2310	<i>Introduction to Manufacturing Processes</i>	3	3	
SCIT1414	<i>Applied General Chemistry I</i>	4	4	
CTEC2445	<i>Unit Operations</i>	4	4	
PSYC2301 (Core Code 080), HIST2301 (Core Code 060), or any course	<i>General Psychology OR History of Texas OR depends on course taken.</i>	3	3	
ENGL1301 (Core Code 010)	Will be completed.	3	3	
SPCH1311, SPCH1315, SPCH1318, or SPCH1321 (Core Code 010)	<i>Intro. to Speech Comm. OR Public Speaking OR Interpersonal Comm. OR Bus. & Prof. Comm.</i>	3	3	
Creative Arts (Core Code 050) OR Language, Philosophy, & Culture (Core Code 040)	Will complete this.	3	3	
Social & behavioral Science (Core Code 080) OR History (Core Code 060) OR Government (Core Code 070)	Will complete this.	3	3	
Life & Physical Sciences (Core Code 030)	Will complete this.	4	4	
PHYS1405 OR any other PHYS course (Core Code 030)	<i>Conceptual Physics I</i>	4	4	

55 Credits in possible transfer from LC to BC's Bachelor's in Industrial Management Program

¹ Lang, Philosophy, & Culture (Core Code 040)	See notes following this table.	3		3
² History I: American History I (Core Code 060)	See notes following this table.	3		3
³ History II: American History II	See notes following this table.	3		3
⁴ Govt I: American Government (Core Code 070)	See notes following this table.	3		3
⁵ Govt II: Texas Government	See notes following this table.	3		3
⁶ ENGL1302 (Core Code 090)	See notes following this table.	3		3
⁷ PSYC1300 (Core Code 090)	See notes following this table.	3		3
⁸ Creative Arts (Core Code 050)	See notes following this table.	3		3
⁹ Business Correspondence/Comm	See notes following this table.	3		3
¹⁰ Computer Applications	See notes following this table.	3		3
¹¹ Social & Behavioral Science (Core Code 080)	See notes following this table.	3		3
¹² Mathematics (Core Code 020)	See notes following this table.	3		3

26 Lower Division Course needed to complete Texas Core Curricular Requirements

TMGT3303	<i>Comm. and Conflict Resolution for Tech. Managers</i>	3		3
TMGT3305	<i>Management and Organizational Behavior</i>	3		3
TMGT3307	<i>Operations Management</i>	3		3
TMGT3311	<i>Information Technology in Enterprise Management</i>	3		3
TMGT3325	<i>Legal Issues, Ethics and Corporate Responsibility</i>	3		3
TMGT3340	<i>Quality Assurance, Management and Improvement</i>	3		3
TMGT3350	<i>Applied Technical Statistics</i>	3		3
TMGT3354	<i>Leadership</i>	3		3
TMGT4301	<i>Industrial Cost Estimating and Control</i>	3		3
TMGT4304	<i>Decision Analysis and Risk Management</i>	3		3
TMGT4396 or TMGT4398	<i>Managing Tech. Projects or Strategic Management</i>	3		3

33 Upper Division Courses needed to complete Degree Requirements

Notes:

¹To satisfy the Lang, Philosophy, & Culture requirement at BC, the following courses may be taken at LC: ENGL2322, ENGL2323, ENGL2326, ENGL2327, ENGL2328, ENGL2331, ENGL2322, ENGL2381, ENGL2382; HUMA1301, HUMA1305, HUMA2319; PHIL1301, PHIL1304; SPAN2311, SPAN2312, SPAN2313, or SPAN2315. At BC, the following courses may be taken to meet this core requirement: HUMA1301, PHIL1301, PHIL2306, ENGL2322, ENGL2323, ENGL2327, ENGL2328, ENGL2331, ENGL2341, or ENGL2351.

^{2, 3}To satisfy the History requirement at BC, the following courses may be taken at LC: HIST1301, HIST1302, or HIST2301. At BC, the following courses will need to be taken to satisfy the History requirement: HIST1301 and HIST1302.

⁴To satisfy GOVT2305, this course can be taken at

LC or BC. ⁵To satisfy GOVT2306, this course can be

taken at LC or BC. ⁶To satisfy ENGL1302, this course

can be taken at LC or BC.

⁷To satisfy PSYC1300, the following courses may be taken at LC: BCIS1305 (unless used to satisfy one of the two baccalaureate degree prerequisites), EDU1200, KINE1164, KINE1304, or KINE1306. At BC, the following courses may be taken to meet this core requirement: PSYC1300, PSYC2301, PSYC2314, SOC1301, SPCH1315, SPCH1318, SPCH1321, SPCH1311, MATH1314, MATH1324, MATH1325, MATH1332, or MATH1342.

⁸To satisfy the Creative Arts requirement of BC, the following courses may be taken at LC: ARCH1311, ARTS1301, ARTS1303, ARTS1304; DRAM1310, DRAM2366, MUSI1306 or MUSI1310. At BC, the following courses may be taken to meet this core requirement: ARTS1301, ARTS1303, ARTS1304, DRAM1310, MUSI1306, or MUSI1307.

⁹To satisfy the lower division requirement in business writing and communication at BC, the following courses may be taken at LC: POFT2312. At BC, the following course may be taken to meet this core requirement: POFT2312 or ENGL2311.

¹⁰To satisfy the lower division requirement in business computer applications at BC, the following course may be taken at LC: BCIS1305 or POFI1441. At BC, the following course may be taken to meet this core requirement: POFI1301 or BCIS1405.

¹¹To satisfy the Social & Behavioral Science requirement at BC, the following course may be taken at LC: ECON2301, ECON2302, GEOG1303, PSYC2301, or SOCI1301. At BC, the following courses may be taken to meet this core requirement: PSYC2301, PSYC2314, PSYC2316, SOCI1301, SOCI1306, SOCI2301, ECON2301, GEOG1302, or GEOG1303.

¹²To satisfy the Mathematic requirement at BC, the following courses may be taken at LC: MATH1314, MATH1316, MATH1324, MATH1332, MATH1342, MATH2412, or MATH2413. At BC, the following courses may be taken to meet this course requirement: MATH1314, MATH1414, MATH1316, MATH1324, MATH1325, MATH1332, MATH1342, MATH1350, MATH2412, MATH2413, or MATH2414.