

Advisor Signature: _____

Student Signature: _____

Date: _____

Catalog Year 2015-2016



Associate Degree of Applied Science in Process Technology

PTAC Courses, Pre-Requisites' and Requirements¹

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5
ENGL 1301	CHEM 1405	PHYS 1401 or 1410	PTAC 2420 *	PTAC 2346 *
Composition and Rhetoric in Communication	Introduction to Chemistry Prereq: TSI MATH-343 or equivalent/TECM-1343 or MATH-1314 / TSI Reading 351	College or Applied Physics Prereqs: MATH 1314 & MATH 1316 for PHYS 1401 or TECM 1343 for PHYS 1410	Process Tech II - Systems Prereqs: PTAC 1302, PTAC 1308, PTAC 1310, PTAC 1332, CHEM 1419, PHYS1410/1401	Process Troubleshooting Prereqs: PTAC 1302, PTAC 1308, PTAC 1310, PTAC 1332, CHEM 1419, PHYS1410/1401, PTAC 2420
MATH 1314 or TECM 1343	PTAC 1310 *	PTAC 1332 *	PTAC 1354	PTAC 2438 *
College Algebra or Technical Algebra and Trigonometry Prereq: TSI Math - 350	Process Tech I - Equipment Prereqs: PTAC 1302, Math - 343 TSI	Instrumentation I Prereqs: PTAC 1302, Math - 343 TSI	Industrial Processes Prereqs: PTAC 1302, PTAC 1308, PTAC 1310, PTAC 1332, CHEM 1419, PHYS1410/1401	Process Technology III - Operations Prereqs: PTAC 1302, PTAC 1308, PTAC 1310, PTAC 1332, CHEM 1419, PHYS1410/1401, PTAC 2420
PTAC 1302 *	PTAC 1308 *	PTAC 1350	SPCH 1315 or BUSI 2304	CTEC 2445
Intro to Process Technology Prereq: CPT Reading 61	Safety, Health and Environment Prereq: TSI Math - 343	Industrial Economics Prereqs: PTAC 1302, MATH 1314 or TECM 1343	Public Speaking or Business Communications	Unit Operations "Hands On" GSU Operations and Troubleshooting Capstone Course Prereqs: PTAC1302, PTAC1308, PTAC1310, PTAC1332, CHEM 1419, PHYS1410/1401, PTAC 2420 Pre-Exam
SOC1 1301 or PSYC 2301 or PSYC1300	Humanities / Fine Arts	PTAC 2314 *	PHED 1164	
Introduction Sociology or Psychology or Psychology for Success	Select a 3 credit hour course from: Humanities, Literature, Philosophy, Drama, Art, Music. (See catalog page 61)	Quality Prereqs: PTAC 1302 TSI Math - 343	Introduction to Physical Fitness & Sport	
	All course substitutions must be approved by the VP of Instruction.	Prerequisites for all courses MUST be satisfied.	CTEC 2286/2486 # <i>Recommended</i> Internship PTEC 180/300 Hrs. Plant Experience Requirements directed by Industry	

* These are the 8 Core courses identified by the North American Process Technology Alliance.

PTEC Course Matrix 2008-2009 Updated 7-14-08 KMD

12

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12

- This course is an elective that requires pre-testing, interview and selection by industry personnel only.

! - Students having taken PTAC 1352 or PTAC 1332 must take the PTAC 1432 Instrumentation I (currently change to PTAC 1332-2015) Course in place of the PTAC 2436 course.

The PTAC 1432 course was implemented in fall 2006 and combines the Instrumentation I and Instrumentation II courses. The student is still responsible for completing the total credit hours for the degree program.

• - General education and core class prerequisites apply. Complete prerequisite information can be found in the class descriptions in the college catalog.

1 - All courses must be completed with a "C" or better.

NOTES: (1) All current catalog prerequisites **MUST** be followed. The prerequisites for older catalogs will not be honored. (2) This degree grid is for informational purposes only and does not constitute a contract. Students must meet all requirements of the college catalog in order to qualify for graduation. Catalogs expire and cannot be used for graduation after 5 years.