



# PROCESS TECHNOLOGY CAREER PATHWAY MAP

Below is the recommended course sequence. The blank worksheet on the back is for your personalized map. Please read all NOTES carefully.

✓	COURSE	SEMESTERS OFFERED	HRS
<input type="checkbox"/>	1. PTAC 1302 Introduction to Process Technology	F, Sp, Su	3
<input type="checkbox"/>	2. ENTC 1347 Safety and Ergonomics	F, Sp	3
<input type="checkbox"/>	3. PHYS 1405 Elementary Physics I	F, Sp	4
<input type="checkbox"/>	4. TECM 1343 Technical Algebra and Trigonometry**	F, Sp	3
			13 Hours
<input type="checkbox"/>	5. <i>CHEM 1405 Introduction Chemistry I</i> **	F, Sp, Su	4
<input type="checkbox"/>	6. <b>PTAC 1310 Process Technology I - Equipment</b>	F, Sp, Su	3
<input type="checkbox"/>	7. <b>PTAC 1332 Process Instrumentation I</b>	F, Sp, Su	3
<input type="checkbox"/>	8. <i>ENGL 1301 Composition I</i>	F, Sp, Su	3
<input type="checkbox"/>	9. <i>SPCH 1315 Public Speaking*</i>	F, Sp, Su	3
			29 Hours
<input type="checkbox"/>	10. <b>PTAC 2387 Internship (Outside Employment)**</b>	F, Sp, Su	3
			32 Hours
<input type="checkbox"/>	11. <i>SOCI 1301 Introductory Sociology*</i>	F, Sp, Su	3
<input type="checkbox"/>	12. <b>PTAC 2436 Process Instrumentation II</b>	F, Sp	4
<input type="checkbox"/>	13. <b>PTAC 2420 Process Technology II - Systems</b>	F, Sp, Su	4
<input type="checkbox"/>	14. <b>PTAC 2314 Principles Of Quality</b>	F, Sp, Su	3
			46 Hours
<input type="checkbox"/>	15. <i>ARTS 1301 Art Appreciation*</i>	F, Sp, Su	3
<input type="checkbox"/>	16. <b>PTAC 2323 Natural Gas Production</b>	F, Sp	3
<input type="checkbox"/>	17. <b>PTAC 2438 Process Tech III - Operations</b>	F, Sp, Su	4
<input type="checkbox"/>	18. <b>PTAC 2446 Process Troubleshooting</b>	Sp	4
	*** ASSOCIATE OF APPLIED SCIENCE DEGREE EARNED *** Note: Check with the Office of Financial Aid as aid may not be available beyond degree completion and/or 60 hours.		60 Hours

## NOTES:

- \* Refer to Core Curriculum and KC Catalog for all possible course options.
- + Computer Competency Requirement must be met in order to earn an [indicate AA, AS, or AAT] Degree.
- \*\* Refer to Degree Plan in Catalog for course options.
- a) Courses in **bold** have a pre-requisite (previous course required).
- b) Courses in *italics* can be taken in any order.
- c) ENGL 1301 and the first MATH class may require a co-requisite and/or developmental course depending on TSI Scores.
- d) Refer to KC Catalog for [indicate AAS, AA, AS, or AAT] Degree Requirements.

## CAREER OPPORTUNITIES

Chemical Manufacturing  
Water & Wastewater Treatment  
Power Generation  
Oil & Gas Industry  
Pulp & Paper Industry

## ADVANCED DEGREE/CREDENTIAL OPPORTUNITIES

University of Texas at Tyler, Bachelor of Applied Arts and Sciences (BAAS) in Industrial Technology

## LINKS TO COLLEGES AND PROFESSIONAL ORGANIZATIONS:

<http://www.napta.org>

## CONTACT INFORMATION

Ron Doss  
Lead Instructor  
Office: WHITN 112  
Phone: (903) 988-7414  
Email: [rdoss@kilgore.edu](mailto:rdoss@kilgore.edu)

Alesha O'Steen  
Department Chair  
Industrial Technologies  
Office: WHITN 202-A  
Phone: (903) 983-8133  
Email: [aosteen@kilgore.edu](mailto:aosteen@kilgore.edu)

Karla Mojica  
Academic Advisor  
Public Services and Industrial Technologies  
Office: WHITN 104-A  
Phone: (903) 983-8284  
Email: [kmojica@kilgore.edu](mailto:kmojica@kilgore.edu)