

*School of Trade and Technology*

# Industrial Systems Technology Diploma IST4—46 Credit Hours

*Program Chair: [john.ward@westgatech.edu](mailto:john.ward@westgatech.edu)*

*Courses may rotate among the following locations: Carroll and LaGrange*

<input type="checkbox"/>	<p><b>**Learning Support Courses</b> (refer to Admissions evaluation). Examples include: ENGL 0998 and MATH 0091/1012 Not available online; courses must be completed on campus if student is provisional and not regular status.</p> <p><i>These courses are not calculated into students' institutional GPA. Learning support courses are individually assigned based on admissions testing results and program requirements. 0096 courses must be completed with the Adult Education department before starting college program—contact Admissions for questions regarding evaluations.</i></p>			
Semester 1	General Education Course Number (credits)	Course Name	Pre-requisite	Notes
<input type="checkbox"/>	ENGL 1010 (3)	Fundamentals of English I	Diploma program admission level writing and reading competency	
<input type="checkbox"/>	IDSY 1170 (4)	Industrial Mechanics	None	
<input type="checkbox"/>	MATH 1012 (3)	Foundations of Mathematics	Diploma program admission level math competency	
Semester 2	Occupational Course Number (credits)	Course Name	Pre-requisite	Notes
<input type="checkbox"/>	IDSY 1101 (3)	DC Circuit Analysis	None	
<input type="checkbox"/>	IDSY 1105 (3)	AC Circuit Analysis	None	
<input type="checkbox"/>	IDSY 1190 (4)	Fluid Power Systems	None	

*School of Trade and Technology*

# Industrial Systems Technology Diploma IST4—46 Credit Hours

*Program Chair: [john.ward@westgatech.edu](mailto:john.ward@westgatech.edu)*

*Courses may rotate among the following locations: Carroll and LaGrange*

Semester 3	Occupational Course Number (credits)	Course Name	Pre-requisite	Notes
<input type="checkbox"/>	IDSY 1130 (4)	Industrial Wiring	None	
<input type="checkbox"/>	IDSY 1110 (4)	Industrial Motor Controls I	None	
Semester 4	Occupational Course Number (credits)	Course Name	Pre-requisite	Notes
<input type="checkbox"/>	Occupational Elective (3)	Choose one from list below		See Faculty Advisor
<input type="checkbox"/>	EMPL 1000 (2)	Interpersonal Relations and Professional Development	None	
<input type="checkbox"/>	IDSY 1120 (4)	Basic Industrial PLCs	None	
Semester 5	Occupational Course Number (credits)	Course Name	Pre-requisite	Notes
<input type="checkbox"/>	Occupational Elective (3)	Choose one from list below		See Faculty Advisor
<input type="checkbox"/>	Occupational Elective (3)	Choose one from list below		See Faculty Advisor
<input type="checkbox"/>	IDSY 1195 (3)	Pumps and Piping Systems	None	

*School of Trade and Technology*

# Industrial Systems Technology Diploma IST4—46 Credit Hours

*Program Chair: [john.ward@westgatech.edu](mailto:john.ward@westgatech.edu)*

*Courses may rotate among the following locations: Carroll and LaGrange*

Complete	Occupational Elective Course Number (credits)	Course Name	Pre-requisite	Notes
	<b>Choose 9 Credits of Occupational Electives from the list below: (9)</b>			
	AIRC 1005 (4)	Refrigeration Fundamentals	None	
	IDSY 1210 (4)	Industrial Motor Controls II	None	
	IDSY 1220 (4)	Intermediate Industrial PLCs	None	
	IDSY 1230 (4)	Industrial Instrumentation	None	
	MCHT 1119 (4)	Lathe Operations I	None	
	MCHT 1120 (4)	Mill Operations I	None	
	WELD 1000 (4)	Introduction to Welding Technology	None	

This program is eligible for Federal Aid including Pell Grant and federal student loans and may be eligible for Institutional and State Financial Aid. Contact the Financial Aid office for eligibility requirements and application materials.

As set forth in its student catalog, West Georgia Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, or citizenship status (except in those special circumstances permitted or mandated by law).