

Career Exploration Centre — SAITCity

Individual SAITCity Careers: Curriculum and Competencies Connections Chart

Competencies	CTF Occupational Cluster	English Language Arts	Health / Physical Ed.	Math	Science	Social Studies	Other
Business							
Accountant							
Critical Thinking Managing Information Communication	Business: Financial Management	Explore Thoughts, Ideas, Feelings and Experiences		Number Statistics and Probability (graphing)			
Marketing Manager							
Critical Thinking Problem Solving Creativity and Innovation Communication Collaboration Managing Information	Business: Management & Marketing	Comprehend and Respond Personally and Critically to Various Texts Manage Ideas and Information Enhance Clarity and Artistry of Communication Respect, Support and Collaborate with Others				Skills and Processes: Research for Deliberative Inquiry Skills and Processes: Communications	
Sales Manager							
Critical Thinking Creativity and Innovation	Business: Management & Marketing	Comprehend and Respond Personally and Critically to Various Texts	Health: Relationship Choices	Number		Skills and Processes: Communications	

Career Exploration Centre — SAITCity

Competencies	CTF Occupational Cluster	English Language Arts	Health / Physical Ed.	Math	Science	Social Studies	Other
Communication		Enhance Clarity and Artistry of Communication					
Supply Chain Manager							
Critical Thinking	Business: Management & Marketing	Manage Ideas and Information		Number		Skills and Processes: Research for Deliberative Inquiry	
Problem Solving		Present and share		Patterns and Relations (Variables and Equations)			
Managing Information							
Communication							
Collaboration							
Construction							
Architectural Technologist							
Critical Thinking	Communication: Design Studies	Explore Thoughts, Ideas, Feelings and Experiences		Number			Art: Compositions Encounters
Problem Solving		Manage Ideas and Information					ICT: C6 - Use technology to investigate and/or share problems
Creativity and innovation							
Managing Information							
Bricklayer							
Critical Thinking	Technology: Construction	Explore Thoughts, Ideas, Feelings and Experiences		Number	Structures and Forces		
Problem Solving							

Career Exploration Centre — SAITCity

Competencies	CTF Occupational Cluster	English Language Arts	Health / Physical Ed.	Math	Science	Social Studies	Other
Construction Project Manager							
Critical Thinking Problem Solving	Business: Enterprise and Innovation	Explore Thoughts, Ideas, Feelings and Experiences Manage Ideas and Information		Number			
Plumber							
Critical Thinking	Technology: Construction			Number Shape and Space (Measurement)	Mix and Flow of Matter		
Energy and Environment							
Electrical Engineering Technologist							
Critical Thinking Problem Solving Global Citizenship	Technology: Electro-Technologies	Explore Thoughts, Ideas, Feelings and Experiences		Number Shape and Space (Measurement)	Electrical Principles and Technologies	Skills and Processes: Dimensions of Thinking	
Petroleum Engineering Technologist							
Critical Thinking Problem Solving Global Citizenship	Resources: Primary Resources	Manage Ideas and Information		Number Patterns and Relations (Variables and Equations)	Planet Earth Foundation 4 - Attitudes	Skills and Processes: Dimensions of Thinking	
Environmental Technologist							
Critical Thinking Problem Solving Managing Information	Resources: Environmental Stewardship			Number Patterns and Relations	Fresh and Salt Water Environmental Chemistry		

Career Exploration Centre — SAITCity

Competencies	CTF Occupational Cluster	English Language Arts	Health / Physical Ed.	Math	Science	Social Studies	Other
Collaboration Global Citizenship Physical Growth and Well-Being				Statistics and Probability			
Power Engineering Technologist							
Critical Thinking Problem Solving Managing Information Global Citizenship	Technology: Electro-Technologies	Clarify and Extend Organize, Record and Evaluate		Number Patterns & Relations Shape and Space	Mix and Flow of Matter Light and Optical Systems Mechanical Systems Electrical Principles		
Health and Public Safety							
Dental Assistant							
Critical Thinking Physical Growth and Well-Being	Human Services: Health Care Services	Explore Thoughts, Ideas, Feelings and Experiences Manage Ideas and Information Respect, Support and Collaborate with Others	Physical Ed: Activity Physical Ed: Do it Daily for Life Health: Wellness Choices		Light and Optical Systems Foundation 3: Skills		Art: Compositions

Career Exploration Centre — SAITCity

Competencies	CTF Occupational Cluster	English Language Arts	Health / Physical Ed.	Math	Science	Social Studies	Other
Medical Radiologic Technologist							
Critical Thinking Communication Problem Solving Digital and Technological Fluency	Human Services: Health Care Services	Enhance the Clarity and Artistry of Communication Manage Ideas and Information Respect, Support and Collaborate with Others	Physical Ed: Activity		Light and Optical Systems Cells and Systems		
Pharmacy Assistant							
Critical Thinking Problem Solving Communication Managing Information Personal Growth and Well-Being	Human Services: Health Care Services	Explore Thoughts, Ideas, Feelings and Experiences Manage Ideas and Information Comprehend and Respond Personally and Critically to Various Texts	Health: Wellness Choices Health: Relationship Choices		Foundation 3: Skills Foundation 4: Attitudes		
Rehabilitation Therapy Assistant							
Critical Thinking Communication Managing Information Personal Growth and Well-Being	Human Services: Health Care Services	Enhance the Clarity and Artistry of Communication Manage Ideas and Information Respect, Support and Collaborate with Others	Physical Ed: Activity Physical Ed: Do it Daily for Life				

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Hospitality and Tourism							
Chef							
Critical Thinking Communication Creativity and Innovation	Human Services: Foods	Manage Ideas and Information Enhance the Clarity and Artistry of Communication		Number			Art: Compositions
Pastry Chef							
Critical Thinking Creativity and Innovation	Human Services: Foods	Manage Ideas and Information		Number			Art: Compositions
Restaurant Manager							
Critical Thinking Problem Solving Communication Collaboration Cultural Citizenship	Business: Management & Marketing	Respect, Support and Collaborate with Others	Health: Wellness Choices Health: Relationship Choices Health: Lifelong Learning Choices				
Travel Professional							
Critical Thinking Problem Solving Communication Managing Information	Human Services: Tourism	Manage Ideas and Information		Number		Research for Deliberative Inquiry	

Career Exploration Centre — SAITCity

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Creativity and Innovation							
Information and Communication Technologies							
Broadcast Journalist							
Critical Thinking Communication	Communication: Communication Technology	Comprehend and Respond Personally and Critically to Various Texts Manage Ideas and Information Enhance the Clarity and Artistry of Communication				Skills and Processes: Dimensions of Thinking Skills and Processes: Communication	ICT: P3 - Students will communicate through multimedia
Computer Technician							
Communication	Business: Computing Science	Comprehend and Respond Personally and Critically to Various Texts Manage Ideas and Information Enhance the Clarity and Artistry of Communication			Electrical Principles and Technologies Foundation 3: Skills		ICT: F1 - Students will demonstrate an understanding of the nature of technology F5 - Students will practice the concepts of ergonomics and safety when using technology
Graphic Designer							
Critical Thinking Communication	Communication: Design Studies	Comprehend and Respond Personally and Critically to Various Texts					Art: Compositions Encounters

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Competencies	CTF Occupational Cluster	English Language Arts	Health / Physical Ed.	Math	Science	Social Studies	Other
Creativity and Innovation		Manage Ideas and Information Enhance the Clarity and Artistry of Communication					
Software Developer							
Critical Thinking Problem Solving	Business: Computing Science	Comprehend and Respond Personally and Critically to Various Texts Manage Ideas and Information Enhance the Clarity and Artistry of Communication					ICT: F1 - Students will demonstrate an understanding of the nature of technology
Manufacturing and Automation							
Electrician							
Critical Thinking Problem Solving	Technology: Electro-Technologies				Electrical Principles and Technologies		
Mechanical Engineering Technologist							
Critical Thinking Problem Solving Creativity and Innovation Collaboration	Communication: Design Studies Technology: Mechanics	Explore Thoughts, Ideas, Feelings and Experiences			Light and Optical Systems		Art: Drawings Compositions

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Global Citizenship							
Millwright (Industrial Mechanic)							
Critical Thinking Problem Solving Personal Growth and Well-Being	Technology: Fabrication, Mechanics		Health: Safety and Responsibility	Shape and Space (Measurement)	Mechanical Systems		
Non-Destructive Tester							
Critical Thinking Problem Solving Global Citizenship	Technology: Fabrication	Manage Ideas and Information		Shape and Space (Measurement) Patterns and Relations (Variables & Equations)	Structures and Forces Foundation 3: Skills		
Transportation							
Aircraft Maintenance Technician							
Critical Thinking Problem Solving	Technology: Mechanics	Comprehend and Respond Personally and Critically to Various Texts		Shape and Space (Measurement)	Mechanical Systems		
Aircraft Structures Technician							
Critical Thinking Problem Solving Communication	Technology: Fabrication	Explore Thoughts, Ideas, Feelings and Experiences Comprehend and Respond Personally and Critically to Various Texts		Number Shape and Space (Measurement)	Structures and Forces		
Automotive Service Technician							
Critical Thinking	Technology: Mechanics	Manage Ideas and Information		Shape and Space (Measurement)	Mechanical Systems		

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Competencies	CTF Occupational Cluster	English Language Arts	Health / Physical Ed.	Math	Science	Social Studies	Other
Problem Solving							
Heavy Equipment Technician							
Critical Thinking	Technology: Mechanics	Comprehend and Respond Personally and Critically to Various Texts		Number	Mechanical Systems		
Problem Solving				Shape and Space (Measurement)			