

**AUTOMATION TECH AND ROBOTICS****Scott Community College - Blong Technology Center**

<b>ATR-105 Industrial Robotics (3 cr.) P</b>						<b>VT</b>
Prerequisite: Complete ELE:225 with a grade of D- or better.						
178958	SLL01	05/30/17-07/21/17	TBA	BTC115	Kettering	
<b>ATR-106 Motion Control (3 cr.) P</b>						<b>VT</b>
Prerequisite: Complete IND:143 with a grade of D- or better.						
178970	SLL01	05/30/17-07/21/17	TBA	BTC115	Kettering	

**BUSINESS****Scott Community College - Blong Technology Center**

<b>BUS-293 Prin Workforce Competitive Adv (3 cr.)</b>						<b>VT</b>
179463	SLL01	05/30/17-07/21/17	TBA	BTCTBA	Lammers	
<b>BUS-300 Intro to RFID (3 cr.) P</b>						<b>VT</b>
Prerequisite: Complete CSC-110 or CSC-112 with a grade of D- or better or consent of instructor.						
179464	SLL01	05/30/17-07/21/17	TBA	BTCTBA	Lammers	
<b>BUS-301 Impct of RFID on Supply Chain (3 cr.) P</b>						<b>VT</b>
Prerequisite: Complete MGT-260 and BUS-300 with a grade of D- or better or consent of instructor.						
180118	SLL01	05/30/17-07/21/17	TBA	BTCTBA	Lammers	
<b>BUS-302 RFID Software (3 cr.) P</b>						<b>VT</b>
Prerequisite: Complete BUS-300 with a grade of D- or better.						
180119	SLL01	05/30/17-07/21/17	TBA	BTCTBA	Lammers	

**DRAFTING****Scott Community College - Blong Technology Center**

<b>DRF-161 Descriptive Geometry (3 cr.) P</b>						<b>VT</b>
Prerequisite: Complete DRF:132 with a grade of D- or better.						
179071	SLL01	05/30/17-07/21/17	TBA	BTCTBA	Bainbridge	
<b>DRF-332 Mechanical Drafting Design II (3 cr.) P</b>						<b>VT</b>
Prerequisite: Complete DRF:331 with a grade of D- or better.						
179072	SLL01	05/30/17-07/21/17	TBA	BTCTBA	Bainbridge	

**ELECTRICAL TECHNOLOGY****Scott Community College - Blong Technology Center**

<b>ELE-101 Industrial Safety (1 cr.)</b>						<b>VT</b>
179084	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst	
<b>ELE-216 DC Circuit Analysis (3 cr.) P</b>						<b>VT</b>
Prerequisite: Complete MAT-705 with a grade of D- or better.						
179085	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst	
<b>ELE-217 AC Circuit Analysis (3 cr.) P</b>						<b>VT</b>
Prerequisite: Complete ELE-216 with a grade of D- or better.						
179086	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst	
<b>ELE-225 Elect Motor Control/Power Dist (3 cr.) P</b>						<b>VT</b>
Prerequisite: Complete ELE-217 with a grade of D- or better.						
179088	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst	

**ELECTRONICS****Scott Community College - Blong Technology Center**

<b>ELT-123 Programmable Logic Controllers (3 cr.) P</b>						<b>VT</b>
Prerequisite: Complete CSC-110 or CSC-113, ELE-225 with a grade of D- or better						
179096	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst	
<b>ELT-125 Advanced PLC (3 cr.) P</b>						<b>VT</b>
Prerequisite: Complete ELT:123 with a grade of D- or better						
179289	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst	
<b>ELT-177 Microcontrollers (3 cr.)</b>						<b>VT</b>
185571	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst	
<b>ELT-309 Digital Circuits and Systems (3 cr.) P</b>						<b>VT</b>
Prerequisite: Complete ELT-312 with a grade of D- or better						
179098	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst	
<b>ELT-312 Solid State Devices &amp; Systems (3 cr.) P</b>						<b>VT</b>
Prerequisite: Complete ELE-217 with a grade of D- or better						
179100	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst	

**ENGINEERING TECHNOLOGY****Scott Community College - Blong Technology Center**

<b>EGT-117 Fluid Power Fundamentals (2 cr.) P</b>					<b>VT</b>
Prerequisite: Complete MAT:706 with a grade of D- or better.					
179079	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst
<b>EGT-135 Hydraulics/Pneumatics III (3 cr.) P</b>					<b>VT</b>
Prerequisite: Complete EGT-117 with a grade of D- or better or consent of instructor.					
179082	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst
<b>EGT-137 Fluid Power Control (4 cr.) P</b>					<b>VT</b>
Prerequisite: Complete EGT:117 and ELT:123 with a grade of D- or better.					
179081	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst

**HEALTH SAFETY & ENVIRONMENTAL TECHNOLOGY (HSET)****Scott Community College - Blong Technology Center**

<b>HSE-261 Reg &amp; Complianc in Wrhsg &amp; Dist (3 cr.)</b>					<b>VT</b>
179192	SLL01	05/30/17-07/21/17	TBA	BTCTBA	Lammers

**INDUSTRIAL TECHNOLOGY****Scott Community College - Blong Technology Center**

<b>IND-134 Industrial Print Reading (2 cr.)</b>					<b>VT</b>
179211	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst
<b>IND-136 Process Control I (3 cr.) P</b>					<b>VT</b>
Prerequisite: Complete ELT-312 with a grade of D- or better					
179215	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst
<b>IND-137 Process Control II (3 cr.) P</b>					<b>VT</b>
Prerequisite: Complete IND-136 with a grade of D- or better					
179217	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst
<b>IND-143 Motors and Drives (3 cr.) P</b>					<b>VT</b>
Prerequisite: Complete ELE:217 with a grade of D- or better					
179218	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst

**MANAGEMENT****Scott Community College - Blong Technology Center**

<b>MGT-260 Intro to Business Logistics (3 cr.)</b>					<b>VT</b>
179298	SLL01	05/30/17-07/21/17	TBA	BTC219	Lammers
<b>MGT-261 Prin of Transportation Mgmt (3 cr.)</b>					<b>VT</b>
180120	SLL01	05/30/17-07/21/17	TBA	BTCTBA	Lammers
<b>MGT-265 Intrntl Trans &amp; Logistics (3 cr.)</b>					<b>VT</b>
179299	SLL01	05/30/17-07/21/17	TBA	BTC219	Lammers
<b>MGT-267 Principles of Cargo Security (3 cr.) P</b>					<b>VT</b>
Prerequisite: Complete MGT-260 with a grade of D- or better					
180122	SLL01	05/30/17-07/21/17	TBA	BTCTBA	Lammers
<b>MGT-268 Prin Logistics Operations Mgmt (3 cr.) P</b>					<b>VT</b>
Prerequisite: Complete MGT-260, MGT-261, MGT-265, MGT-269 and HSE-261 with a grade of D- or better					
179300	SLL01	05/30/17-07/21/17	TBA	BTC219	Lammers
<b>MGT-269 Intro Inventory Mgmt (3 cr.) P</b>					<b>VT</b>
Prerequisite: Complete MGT-260 with a grade of D- or better					
179301	SLL01	05/30/17-07/21/17	TBA	BTC219	Lammers
<b>MGT-928 Independent Study (3 cr.)</b>					<b>VT</b>
180121	SLL01	05/30/17-07/21/17	TBA	BTCTBA	Lammers

**MANUFACTURING****Scott Community College - Blong Technology Center**

<b>MFG-105 Machine Shop Measuring (3 cr.) P</b>					<b>VT</b>
Prerequisite: Take MFG-186 and MAT-733					
179242	SLL01	05/30/17-07/21/17	TBA	BTC110C	Robb
<b>MFG-111 Machinery's Handbook (1 cr.) P</b>					<b>VT</b>
Prerequisite: Take MAT-734					
179243	SLL01	05/30/17-07/21/17	TBA	BTC110C	Robb, Rosenberg
<b>MFG-112 Drills and Saws (2 cr.)</b>					<b>VT</b>
179244	SLL01	05/30/17-07/21/17	TBA	BTC110C	Robb, Rosenberg
<b>MFG-113 Vertical and Horizontal Mills (5.5 cr.) P</b>					<b>VT</b>

## BTC Only

Prerequisite: Complete MFG-105 and MFG-192 with a grade of D- or better

179245 SLL01 05/30/17-07/21/17 TBA BTC110C Robb, Rosenberg

**MFG-114 Surface Grinding (2.75 cr.) P** VT

Prerequisite: Complete MFG-105 with a grade of D- or better

179247 SLL01 05/30/17-07/21/17 TBA BTC110C Robb, Rosenberg

**MFG-115 Lathe Work (4.5 cr.) P** VT

Prerequisite: Complete MFG-105 with a grade of D- or better

186633 SLL01 05/30/17-07/21/17 TBA BTCTBA Robb, Rosenberg

**MFG-116 Carbide Tooling (1 cr.)** VT

179248 SLL01 05/30/17-07/21/17 TBA BTC110C Robb, Rosenberg

**MFG-117 Cylindrical Grinding (1.5 cr.) P** VT

Prerequisite: Complete MFG-115 with a grade of D- or better

179257 SLL01 05/30/17-07/21/17 TBA BTC110C Robb, Rosenberg

**MFG-118 Machine Tool Project (4 cr.) P** VT

Prerequisite: Complete MFG-112, MFG-117 with a grade of D- or better; or instructor permission.

179290 SLL01 05/30/17-07/21/17 TBA BTC110C Rosenberg

**MFG-151 CNC Fundamentals (2 cr.) P** VT

Prerequisite: Complete MFG-105 with a grade of D- or better

186397 SLL01 05/30/17-07/21/17 TBA BTCTBA Robb

**MFG-186 Plant Safety (1 cr.)** VT

179291 SLL01 05/30/17-07/21/17 TBA BTC107 Seaman

**MFG-190 Metallurgy (2 cr.)** VT

179292 SLL01 05/30/17-07/21/17 TBA BTC110C Robb

**MFG-192 Blueprint Reading (3 cr.)** VT

179293 SLL01 05/30/17-07/21/17 TBA BTC107 Seaman

**MFG-205 Milling Programming (2 cr.) P** VT

Prerequisite: Complete MFG-221 with a grade of D- or better

179294 SLL01 05/30/17-07/21/17 TBA BTC110C Rosenberg, Rus

**MFG-223 CAD/CAM (2 cr.) P** VT

Prerequisite: Complete MFG-186 and MFG-192 with a grade of D- or better

186396 SLL01 05/30/17-07/21/17 TBA BTCTBA Robb

**MFG-229 CNC Project (4 cr.) P** VT

Prerequisite: Complete MFG-239 and MFG-205 with a grade of D- or better; or instructor permission

186394 SLL01 05/30/17-07/21/17 TBA BTCTBA Robb

**MFG-239 Lathe Programming (2 cr.) P** VT

Prerequisite: Complete MFG-201 with a grade of D- or better

179295 SLL01 05/30/17-07/21/17 TBA BTC110C Rosenberg, Rus

**MFG-505 Lean Manufacturing (1 cr.)** VT

179296 SLL01 05/30/17-07/21/17 TBA BTC219 Lammers

**MATHEMATICS****Scott Community College - Blong Technology Center****MAT-142 Technical Mathematics I (1.5 cr.)** VT

179226 SLL01 05/30/17-07/21/17 TBA BTCTBA Kettering

**MAT-705 Industrial Math and Meas I (2 cr.) P** VT

Prerequisite: Complete RDG:033 with a grade of D- or better; or minimum reading placement score based on college assessment, and must have a COMPASS math score of 24 or above.

186876 SLL02 05/30/17-07/21/17 09:00AM-11:00AM TWR BTC201 Bainbridge

179236 SLL01 05/30/17-07/21/17 TBA BTC111 Harfst

**MAT-706 Industrial Math and Measure II (2 cr.) P** VT

Prerequisite: Complete MAT:705 with a grade of D- or better

179238 SLL01 05/30/17-07/21/17 TBA BTC111 Harfst

**MAT-733 Math for Technologies A (1.5 cr.)** VT

179239 SLL01 05/30/17-07/21/17 TBA BTCTBA Seaman

**MAT-734 Math for Technologies B (1.5 cr.) P** VT

Prerequisite: Complete MAT-733 with a grade of D- or better

179240 SLL01 05/30/17-07/21/17 TBA BTCTBA Seaman

**PHYSICS****Scott Community College - Blong Technology Center****PHY-185 Conceptual Physics Fundamental (2 cr.) P** VT

Prerequisite: Complete MAT-706 with a grade of D- or better

179305 SLL01 05/30/17-07/21/17 TBA BTC111 Harfst

**PHY-186 Conceptual Physics Fund II (2 cr.) P** VT

Prerequisite: Complete PHY-185 with a grade of D- or better

179306	SLL01	05/30/17-07/21/17	TBA	BTC111	Harfst
--------	-------	-------------------	-----	--------	--------

**SUSTAINABLE ENERGY RESOURCES****Scott Community College - Blong Technology Center****SER-100 Intro Renewable Energy Apps (2 cr.)**

186474	SLL01	05/30/17-07/21/17	TBA	BTC112	VT Nelson
--------	-------	-------------------	-----	--------	--------------

**WELDING****Scott Community College - Blong Technology Center****WEL-123 Welding Symbols (1 cr.)**

179453	SLL01	05/30/17-07/21/17	TBA	MTWR	BTC107	VT Seaman
--------	-------	-------------------	-----	------	--------	--------------

**WEL-136 Oxy-Acetylene Welding & Cuttin (4.25 cr.)**

179454	SLL01	05/30/17-07/21/17	TBA		BTC116C	VT Baldwin
--------	-------	-------------------	-----	--	---------	---------------

**WEL-192 Gas Tungsten Arc Welding (4 cr.) P**

Prerequisite: Take MFG-186

179455	SLL01	05/30/17-07/21/17	TBA		BTCTBA	VT Baldwin, Burden
--------	-------	-------------------	-----	--	--------	-----------------------

**WEL-215 Shielded Metal Arc Weld-Adv I (5 cr.) P**

Prerequisite: Complete WEL-126 with a grade of D- or better

179456	SLL01	05/30/17-07/21/17	TBA		BTC116C	VT Baldwin
--------	-------	-------------------	-----	--	---------	---------------

**WEL-256 Gas Metal Arc Welding-Basic (4.5 cr.) P**

Prerequisite: Take MFG-186

179458	SLL01	05/30/17-07/21/17	TBA		BTCTBA	VT Baldwin, Burden
--------	-------	-------------------	-----	--	--------	-----------------------

**WEL-257 Flux Core Arc Welding (2.5 cr.)**

179459	SLL01	05/30/17-07/21/17	TBA		BTCTBA	VT Burden
--------	-------	-------------------	-----	--	--------	--------------

**WEL-258 Shielded Metal Arc Weld-Adv II (5 cr.) P**

Prerequisite: Complete WEL-215 with a grade of D- or better

185568	SLL01	05/30/17-07/21/17	TBA		BTC116C	VT Baldwin
--------	-------	-------------------	-----	--	---------	---------------

**WEL-259 Oxy-Acetylene Arc Welding (1 cr.) P**

Prerequisite: Complete MFG-186 with a grade of D- or better.

179460	SLL01	05/30/17-07/21/17	TBA		BTCTBA	VT Burden
--------	-------	-------------------	-----	--	--------	--------------

**WEL-274 Shielded Metal Arc Weld I: Sen (3 cr.) P**

Prerequisite: Take MFG-186

179461	SLL01	05/30/17-07/21/17	TBA		BTCTBA	VT Burden
--------	-------	-------------------	-----	--	--------	--------------

**WEL-275 Shielded Metal Arc Weld II: S (3 cr.) P**

Prerequisite: Complete WEL-274 with a grade of D- or better.

179462	SLL01	05/30/17-07/21/17	TBA		BTCTBA	VT Baldwin, Burden
--------	-------	-------------------	-----	--	--------	-----------------------

**WEL-416 Gas Metal Arc Weld-Adv I (2 cr.) P**

Prerequisite: Complete WEL-129 with a grade of D- or better

186040	SLL01	05/30/17-07/21/17	TBA		BTCTBA	VT Baldwin, Burden
--------	-------	-------------------	-----	--	--------	-----------------------