Curriculum Map
AUT 154-155
Maintenance and Light Repair Section C

School:	**Central ATC**	**Program:**	**Automotive Technology**
Teacher:	**William Bennett**	**School Year:**	**201__-201__**
KCTCS Course Number:	**ADX 120-121**	**KY Tech Course Name**	**Maintenance and Light Repair Section C**
Length of Course:	Year Long	**Length of Period**	50 Minutes Period 5
High School Credit(s)	**1**		

Automotive Maintenance and Light Repair Section C:

Required Supplemental Tasks

Date Completed	Days	Task	Description	Common Core/Skills Standards
8-11-2021	1-5	1	Identify general shop safety rules and procedures.	Skills Standards: EB 001 EB 002 EB 003 EB 004 EB 005 EB 006 EB 007 Common Core Technical Standards: TD-HSE-1 TD-HSE-2 New Common Core Standards: RST 11-12 3
8-18-2021	6-10	2	Utilize safe procedures for handling of tools and equipment. PowerPoint from Text Vendor for this content	Skills Standards: OC 002 OC 003 OC 010 OC 011 Common Core Technical Standards: TD-HSE-1 New Common Core Standards: RST 11-12 3

A-13-201	11-12	3	Identify and use proper placement of floor jacks and jack stands.	Skills Standards: OC 002 OC 003 OC 010 OC 011 Common Core Technical Standards: TD-HSE-1 New Common Core Standards: RST 11-12 3 New Generation Science Standards: HS-PS2-1. HS-PS3-3.
A-14-201	13	4	Identify and use proper procedures for safe lift operation. Use Today's Classroom	Skills Standards: OC 002 OC 003 OC 010 OC 011 Common Core Technical Standards: TD-HSE-1 New Common Core Standards: RST 11-12 3 New Generation Science Standards: HS-PS2-1. HS-PS3-3.
A-12-201	14	5	Utilize proper ventilation procedures for working within the lab/shop area.	Skills Standards: OC 002 OC 003 OC 010 OC 011 Common Core Technical Standards: TD-HSE-1 New Common Core Standards: RST 11-12 3

8-18-2012	15	6	Identify marked safety areas.	Skills Standards: OC 018 OC 023 Common Core Technical Standards: TD-HSE-1 TD-HSE-2 New Common Core Standards: RST 11-12 3
8-21-2012	16-17	7	Identify the location and the types of fire extinguishers and other fire safety equipment; demonstrate knowledge of the procedures for using fire extinguishers and other fire safety equipment. Student assigned PowerPoints	Skills Standards: OC 018 OC 023 Common Core Technical Standards: TD-HSE-1 TD-HSE-2 New Common Core Standards: RST 11-12 3
8-24-2012	17	8	Identify the location and use of eye wash stations.	Skills Standards: OC 002 OC 003 OC 010 OC 011 Common Core Technical Standards: TD-HSE-1 TD-HSE-2 New Common Core Standards: RST 11-12 3
8-25-2012	18	9	Identify the location of the posted evacuation routes.	Skills Standards: OC 018 OC 023

				Common Core Technical Standards: TD-HSE-1 TD-HSE-2 New Common Core Standards: RST 11-12 3
8-28-2012	18-20	10	Comply with the required use of safety glasses, ear protection, gloves, and shoes during lab/shop activities.	Skills Standards: OC 002 OC 003 OC 010 OC 011 Common Core Technical Standards: TD-HSE-1 TD-HSE-2 New Common Core Standards: RST 11-12 3
9-3-2012	21-22	11	Identify and wear appropriate clothing for lab/shop activities.	Skills Standards: OC 002 OC 003 OC 010 OC 011 Common Core Technical Standards: TD-HSE-1 TD-HSE-2 New Common Core Standards: RST 11-12 3
9-4-2012	22	12	Secure hair and jewelry for lab/shop activities.	Skills Standards: OC 010 OC 011 Common Core Technical Standards: TD-HSE-1 TD-HSE-2
9-10-2012	23-25	13	Demonstrate awareness of the safety aspects of supplemental restraint systems (SRS), electronic brake control systems, and hybrid vehicle high voltage circuits.	Skills Standards: OC 002 OC 003

			Use Today's Classroom	OC 010 OC 011 Common Core Technical Standards: TD-HSE-1 TD-HSE-2 New Common Core Standards: RST 11-12 3 New Generation Science Standards: HS-PS3-5.
9-11-201	26	14	Demonstrate awareness of the safety aspects of high voltage circuits (such as high intensity discharge (HID) lamps, ignition systems, injection systems, etc.).	Skills Standards: OC 002 OC 003 OC 010 OC 011 Common Core Technical Standards: TD-HSE-1 TD-HSE-2 New Common Core Standards: RST 11-12 3 New Generation Science Standards: HS-PS3-5.
9-14-201	27	15	Locate and demonstrate knowledge of material safety data sheets (MSDS).	Skills Standards: OC 002 OC 003 OC 010 OC 011 Common Core Technical Standards: TD-HSE-1 TD-HSE-2 New Common Core Standards: RST 11-12 3

9-18-201	28-29	16	Identify tools and their usage in automotive applications.	Skills Standards: OC 002 OC 003 OC 010 OC 011 Common Core Technical Standards: TD-HSE-1 TD-HSE-2 New Common Core Standards: RST 11-12 3
9-18-201	30-31	17	Identify standard and metric designation.	Skills Standards: OB 002 OB 003 OB 004 Common Core Technical Standards: TD-HSE-1 TD-HSE-2 New Common Core Standards: RST 11-12 3 N-Q.1 A-CED-4
9-25-201	32-36	18	Demonstrate safe handling and use of appropriate tools.	Skills Standards: OC 002 OC 003 OC 010 OC 011 Common Core Technical Standards: TD-HSE-1 TD-HSE-2 New Common Core Standards: RST 11-12 3
9-19-201	37-38	19	Demonstrate proper cleaning, storage, and maintenance of tools and equipment.	Skills Standards: OC 010 OC 011 Common Core Technical Standards:

				TD-HSE-1 TD-HSE-2 New Common Core Standards: RST 11-12 3
10-4-201	39-40	20	Demonstrate proper use of precision measuring tools (i.e. micrometer, dial-indicator, dial-caliper). PowerPoint from Text Vendor for this content	Skills Standards: OB 002 OB 003 OB 004 Common Core Technical Standards: TD-HSE-1 TD-HSE-2 New Common Core Standards: RST 11-12 3 N-Q.1
10-5-201	41	21	Identify information needed and the service requested on a repair order. Assignment using a spreadsheet	Skills Standards: OD 001 OD 002 OD 003 OD 004 OD 005 Common Core Technical Standards: TD-SYS-2 New Common Core Standards: RST 11-12.2
10-5-201	41	22	Identify purpose and demonstrate proper use of fender covers, mats.	Skills Standards: OC 002 OC 003 OC 010 OC 011 Common Core Technical Standards: TD-OPS.3 New Common Core Standards: RST 11-12 3
10-6-201	42	23	Demonstrate use of the three C's (concern, cause, and correction).	Skills Standards: OD 001 OD 002 OD 003 OD 004

				OD 005 Common Core Technical Standards: TD-SYS-2 New Common Core Standards: RST 11-12.2
10-8-201	43-44	24	Review vehicle service history.	Skills Standards: OD 001 OD 002 OD 003 OD 004 OD 005 Common Core Technical Standards: TD-SYS-2 New Common Core Standards: RST 11-12.2
10-9-201	45	25	Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction. Assign a completing a spreadsheet	Skills Standards: OD 001 OD 002 OD 003 OD 004 OD 005 Common Core Technical Standards: TD-SYS-2 New Common Core Standards: RST 11-12.2
10-14-201	46-47	26	Ensure vehicle is prepared to return to customer per school/company policy (floor mats, steering wheel cover, etc.).	Skills Standards: OC 002 OC 003 OC 010 OC 011 Common Core Technical Standards: TD-OPS.3 New Common Core Standards: RST 11-12 3

			Brakes	

			Drum Brakes	
	48-52	28	Remove, clean, inspect, and measure brake drum diameter; determine necessary action.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 G-MG-1 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
	53-56	29	Refinish brake drum and measure final drum diameter; compare with specifications.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 G-MG-1 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
	57-61	30	Remove, clean, and inspect brake shoes, springs, pins, clips, levers, adjusters/self-adjusters, other related brake hardware, and backing support plates; lubricate and reassemble.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards:

				RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
	62-65	31	Inspect wheel cylinders for leaks and proper operation; remove and replace as needed.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 G-MG-1 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-1. HS-PS3-3.
	66-68	32	Pre-adjust brake shoes and parking brake; install brake drums or drum/hub assemblies and wheel bearings; make final checks and adjustments.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 G-MG-1 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
	69	33	Install wheel and torque lug nuts.	Skills Standards: OH 001

				OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 G-MG-1 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-1. HS-PS3-3.
			Disc Brakes	
	70-73	34	Remove and clean caliper assembly; inspect for leaks and damage/wear to caliper housing; determine necessary action.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-1. HS-PS3-3.
	74-76	35	Clean and inspect caliper mounting and slides/pins for	Skills Standards:

			proper operation, wear, and damage; determine necessary action.	OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
	77-78	36	Remove, inspect, and replace pads and retaining hardware; determine necessary action.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
	79-80	37	Lubricate and reinstall caliper, pads, and related hardware; seat pads and inspect for leaks.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
	81-84	38	Clean and inspect rotor, measure rotor thickness, thickness variation, and lateral runout; determine necessary action.	Skills Standards: OH 001 OH 002

				OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 G-MG-1 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
	85-87	39	Remove and reinstall rotor.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 G-MG-1 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
	88-89	40	Refinish rotor on vehicle; measure final rotor thickness and compare with specifications. Use Identifix	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 G-MG-1 N-Q.1 Common Core Technical Standards: TD-OPS 2

				TD-SYS 2
	90-91	41	Refinish rotor off vehicle; measure final rotor thickness and compare with specifications.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 G-MG-1 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
	92-94	42	Retract and re-adjust caliper piston on an integral parking brake system. Use Identifix	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 G-MG-1 Common Core Technical Standards: TD-OPS 2

				TD-SYS 2 New Generation Science Standards: HS-PS2-1. HS-PS3-3.
	95-96	43	Check brake pad wear indicator; determine necessary action.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
	97	44	Describe importance of operating vehicle to burnish/break-in replacement brake pads according to manufacturer's recommendations.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
			Power-Assist Units	
	98-100	45	Check brake pedal travel with, and without, engine running to verify proper power booster operation. Use Today's Classroom	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003

				OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-1. HS-PS3-3.
	101- 102	46	Check vacuum supply (manifold or auxiliary pump) to vacuum-type power booster.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
			Miscellaneous (Wheel Bearings, Parking Brakes, Electrical, Etc.)	
	103-	47	Remove, clean, inspect, repack, and install wheel	Skills Standards: OH 001

	104		bearings; replace seals; install hub and adjust bearings. PowerPoint from Text Vendor for this content	OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 G-MG-1 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
	105-107	48	Check parking brake cables and components for wear, binding, and corrosion; clean, lubricate, adjust or replace as needed.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
	108-109	49	Check parking brake operation and parking brake indicator light system operation; determine necessary action.	Skills Standards: OH 001 OH 002 OH 003

				OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-1. HS-PS3-3.
	107	50	Check operation of brake stop light system.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS3-5.
	108-	51	Replace wheel bearing and race.	Skills Standards:

	109			OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 G-MG-1 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
			Electronic Brakes, and Traction and Stability Control Systems	
	110-111	52	Identify traction control/vehicle stability control system components. PowerPoint from Text Vendor for this content	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3.

	112	53	Describe the operation of a regenerative braking system. Internet research project	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 OI 002 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3.
			ELECTRICAL/ELECTRONIC SYSTEMS	
			General	
	113-114	54	Research applicable vehicle and service information, vehicle service history, service precautions, and technical service bulletins.	Skills Standards: AB 1 AB 2 AB 3 AB 4 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2

	115-117	55	Demonstrate knowledge of electrical/electronic series, parallel, and series-parallel circuits using principles of electricity (Ohm's Law).	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 A-CED-4 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3. HS-PS3-5.
	118-119	56	Use wiring diagrams to trace electrical/electronic circuits. Use Identifix	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 A-CED-4 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3. HS-PS3-5.

	120-121	57	Demonstrate proper use of a digital multimeter (DMM) when measuring source voltage, voltage drop (including grounds), current flow, and resistance.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 A-CED-4 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3. HS-PS3-5.
	122-124	58	Demonstrate knowledge of the causes and effects from shorts, grounds, opens, and resistance problems in electrical/electronic circuits.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 A-CED-4 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3. HS-PS3-5.

	125-127	59	Check operation of electrical circuits with a test light.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3. HS-PS3-5.
	128	60	Check operation of electrical circuits with fused jumper wires.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3. HS-PS3-5.

	129-130	61	Measure key-off battery drain (parasitic draw).	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3. HS-PS3-5.
	131-134	62	Inspect and test fusible links, circuit breakers, and fuses; determine necessary action.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5.

				HS-PS3-3. HS-PS3-5.
	135- 136	63	Perform solder repair of electrical wiring.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2
	137- 138	64	Replace electrical connectors and terminal ends.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2

			Battery Service	
	139-140	65	Perform battery state-of-charge test; determine necessary action. PowerPoint from Text Vendor for this content	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 A-CED-4 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3. HS-PS3-5.
	141-142	66	Confirm proper battery capacity for vehicle application; perform battery capacity test; determine necessary action.	Skills Standards: OH 001 OH 002 OH 003 OD 002

				OD 003 OD 005 New Common Core Standards: RST 11-12 3 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3. HS-PS3-5.
	143-144	67	Maintain or restore electronic memory functions.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3. HS-PS3-5.
	145-148	68	Inspect and clean battery; fill battery cells; check battery cables, connectors, clamps, and hold-downs. Use Today's Classroom	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003

				OD 005 New Common Core Standards: RST 11-12 3 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3. HS-PS3-5.
	149-151	69	Perform slow/fast battery charge according to manufacturer's recommendations.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3. HS-PS3-5.
	151	70	Jump-start vehicle using jumper cables and a booster battery or an auxiliary power supply.	Skills Standards: OH 001 OH 002 OH 003

				OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 A-CED-4 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3. HS-PS3-5.
	152-155	71	Identify high-voltage circuits of electric or hybrid electric vehicle and related safety precautions. PowerPoint from Text Vendor for this content	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 A-CED-4 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3.
	155-158	72	Identify electronic modules, security systems, radios, and other accessories that require re-initialization or code	Skills Standards: OH 001

			entry after reconnecting vehicle battery.	OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3. HS-PS3-5.
	159-161	73	Identify hybrid vehicle auxiliary (12v) battery service, repair, and test procedures.	Skills Standards: OH 001 OH 002 OH 003 OD 002 OD 003 OD 005 New Common Core Standards: RST 11-12 3 N-Q.1 Common Core Technical Standards: TD-OPS 2 TD-SYS 2 New Generation Science Standards: HS-PS2-5. HS-PS3-3. HS-PS3-5.

			EMPLOYABILITY SKILLS	
			Reports to work daily on time; able to take directions and motivated to accomplish the task at hand. Student PowerPoint assignment	Skill Standards: EF 001 EF 005 EF 010
			Dresses appropriately and uses language and manners suitable for the workplace.	Skills Standards: EF 003 EF 004
			Maintains appropriate personal hygiene	Skills Standards: EF 003 EF 004
			Meets and maintains employment eligibility criteria, such as drug/alcohol-free status, clean driving record, etc.	Skills Standards: EE 003 EB 003 EF 019
			Demonstrates honesty, integrity and reliability	Skills Standards: ED 001 ED 004 EF 001
			Complies with workplace policies/laws	Skill Standards: EF 010 EB 001 EF 018

			Contributes to the success of the team, assists others and requests help when needed.	Skills Standards: EA 005 EA 011 EC 002
			Works well with all customers and coworkers.	Skills Standards: EE 001 EF 019 EF 016
			Negotiates solutions to interpersonal and workplace conflicts.	Skills Standards: EC 001 EC 002 EC 003 EA 013
			Contributes ideas and initiative	Skills Standards: EC 002 EC 003
			Follows directions	Skills Standards: EF 010 EF 012 EF 013
			Communicates (written and verbal) effectively with customers and coworkers.	Skills Standards: EA 008 EA 006 EA 013 EA 007
			Reads and interprets workplace documents; writes clearly and concisely.	Skills Standards: EA 003 EA 001 EA 006

			Analyzes and resolves problems that arise in completing assigned tasks.	Skills Standards: EC 001 EC 002 EC 003
			Organizes and implements a productive plan of work.	Skills Standards: ED 001 ED 002 OD 003 OD 004 OD 005
			Uses scientific, technical, engineering and mathematics principles and reasoning to accomplish assigned tasks	Skills Standards: OB 001 OB 002 OB 003 OB 004
			Identifies and address the needs of all customers, providing helpful, courteous and knowledgeable service and advice as needed.	Skills Standards: ED 001 ED 002 ED 003 ED 005 ED 006