

EXHIBIT "A"



L I N C O L N

Ford ACE Curriculum Map

Automotive Career Exploration



49 - Technician Fundamentals	54 - Electrical Systems	55 - Brakes	28 - Steering & Suspension	35 - Climate Control	33 - Electronics	27 - Gasoline Engine Repair	31 - Gasoline Engine Performance	36 - Manual Transmission & Drivelines	37 - Automatic Transmission	51 - Diesel Engine Performance			
F101001003 Production to the promotive Industry	30G22W0 Pre-Delivery Inspection	34S11W0 Basic Electrical Theory and Operation	38S01W0 Vehicle Brake Systems - Web Based Training	F204001103 Basic Tire and Wheel Service	35S01W1 Climate Control Theory & Operation	34S21W1 Anti Theft Systems	34S26W3 SNVC MyFord Operation & Testing	32S02W1 Automotive Measuring Tools	31S20W0 Introduction to Engine Performance	36S10W0 Manual Transmission & Transaxle Operation	F30701103 Physics of the Automatic Transmission	37S24W0 6R80 Operation & Service	51S03W2 Diesel Engine The & Operation
30G14W1 In-Line Service Education Navigation	36S2W Quick Lane: Introduction to Services	34S12W0 Battery Starting and Charging System Theory and Operation	38S02W0 Brake Service Procedures - Web Based Training	30S05W1 Introduction to Noise, Vibration & Harshness	35S03W0 Electronic Climate Control Theory & Operation	F401104103 Connected Vehicle Technology	39S01W2 Advanced Module & Network Diagnosis	32S06W0 Engine operation Diagnosis & Repair 1	31S21W0 Fuel & Air Theory & Operation	36S13W0 Differential & Driveline Systems Operation	F307101103 AT Mechanical Components Part 1	37S26W0 10R80 Theory & Operation	51S04W2 Diesel Fuel Supp Fuel Injection Syst
30G09W2 Indian Warranty responsibilities	F101005003 Vehicle Inspection and Maintenance	34S13W0 Electrical Diag. Tools and Testing - Part I	38S03W1 Advanced Brake System Theory & Operation	33S01W1 Tire/ Wheel Vibration Analysis	35S04W1 Climate Control System Diagnosis	34S30W0 Supplemental Restraint System Diagnosis	F402101103 Advanced Driver Assistance Systems	32S07W0 Engine Operation & Repair 2	31S22W0 Ignition Theory & operation	36S14W0 Transfer Case & RWD based AWD Systems Operation	37S10W0 Intro to Auto Trans Theory & Operation		51S05W2 Diesel Air Inlet Exhaust Aftertreatment
30N26W2 Hybrid Vehicle Components and Operation	F101006003 Technician Resources	34S14W0 Electrical Diag. Tools and Testing - Part II	38S04W1 Advanced Brake Systems Diagnosis	33S11W1 Suspension Systems Theory & Operation		34S31W0 Instrument Cluster & Lighting Systems	F44101103 High Voltage Systems Safety				37S11W0 Automatic Transmission Electronic Control Systems		51S14W0 Diesel Diagnosis
30N41W0 12 Focus Electric components and Operation	30G10W0 Wind Noise & Water Leaks	34S15W0 Electronic Theory and Operation		33S12W2 Steering System Theory & Operation		F304101103 Intermittent Diagnosis	F401103103 Vehicle Communication & Measurement Module (VCMN)						
F101002003 Automotive Shop Safety	30G04W0 Using the Ford Technical Service Hotline	34S16W0 Understanding Electronics		33S13W0 Steering & Suspension System Alignment		34S32W0 Power Opening System Diagnosis	F401102103 FDRS Ford Diagnostic & Repair System & IDS Functions						
30G23W1 30M23W0 Completing an Efficient VCU Inspection		34S27W0 Network Communication		F204003103 Tire Inspection and Maintenance		34S33W0 Information & Entertainment Systems							
30M23W0 30M23W0 Completing an Efficient VCU Inspection		34S28W0 IDS - O'Scope, SGM & PMM		33S16W0 Tire Pressure Monitor Systems (TPMS)		34S34W1 Collision Avoidance & Driver Support							
10M01W4 10M01W4 Serial Maintenance		30G11W1 IDS - DTC's, PID's, DMM		33S14W1 Steering & Suspension System Tools & Testing									

* Blue / Green = ACE
* Clear = Senior Master

US High School Instructor

Brakes (STST 38)

38S03W1

38S02W0

38S01W1

Climate Control (STST 35)

35S01W2

35S03W0

Dealership Operations

F101002003

F101003003

30G23W1

10M02W0

10M01W1S

10M01W1

F101004003

F101001003

30G14W1

30G22W0

3652W

30G09W3

Diesel Engine Performance (STST 51)

E305202103-D

E305201103-D

51S05W2

51S04W2

Diesel Engine Repair (STST 52)

52S01W0

51S03W2

Electrical Systems (STST 34)

30N41W0

34S11W0

34S12W0

34S14W0S

34S13W0

34S14W0

34S15W0

30N26W3

34S27W0

34S16W0

Last Updated: February 10, 2020	Average Completion t	
	Hours	Minutes
Advanced Brake Systems Theory and Operation	1.27	76
Brake Service Procedures	.87	52
Vehicle Brake Systems (W1)	.60	36
Climate Control Theory and Operation	.60	36
Electronic Climate Control Theory and Operation	1.50	90
Automotive Shop Safety	.90	54
Automotive Tools and Equipment	.90	54
Collision and Body Shop Essentials	.90	54
Completing an Efficient VCU Inspection	1.50	90
Documents for General Maintenance (non-STARS)		
General Maintenance	.95	57
Introduction to the Automobile	1.20	72
Introduction to the Automotive Industry	.90	54
On-Line Service Publication Navigation	1.00	60
Pre-Delivery Inspection	1.00	60
Quick Lane: Introduction to Services (non-STARS)		
Technician Warranty Responsibilities	.50	30
3.0L Diesel Engine On-Demand Webinar (non-STARS)		
3.2L Diesel Engine On-Demand Webinar (non-STARS)		
Diesel Air Inlet and Exhaust Aftertreatment	1.50	90
Diesel Fuel Supply and Fuel Injection Systems	1.50	90
Diesel Engine Repair	1.18	71
Diesel Engine Theory and Operation	1.50	90
2012 Focus Electric Components and Operation	1.75	105
Basic Electrical Theory and Operation	1.43	86
Battery Starting and Charging System Theory and Operation	1.50	90
Documents for Electrical Diag. Tools and Testing – Part II (non-STARS)		
Electrical Diag. Tools and Testing - Part I	2.00	120
Electrical Diag. Tools and Testing - Part II	1.55	93
Electronic Theory and Operation	1.18	71
Hybrid Vehicle Components and Operation	1.50	90
Network Communication	.77	46
Understanding Electronics	1.33	80

Ford Motor Company	
	6019W
	3703W1
	3521W
	3537S
	3537W
Gas Engine Performance (STST 31)	
	31S24W0
	31S23W0
	31S21W0
	31S29W2
	31S22W0
	31S20W1
Gas Engine Repair (STST 32)	
	32S06W0
	32S07W0
New Model Training (STST 30)	
	30N58W0
	30N62WBR
	30N59WBROD
	R515B01103-D
	R553U01103-D
	R552P02103-D
	R540U01103-D
	R375P01103-D
	R552P03103-D
	S101101303
Steering & Suspension (STST 33)	
	32S02W1
	F204001103
	30S05W1
	33S13W0
	33S12W2
	33S11W1
	F204002103
	F204003103
	33S16W0
	33G01W1

Connectivity: As Always. Like Never Before. (non-STARS)		
Driver Assist Technology (non-STARS)		
Ford Electrified Vehicle Strategy (non-STARS)		
More About Ford Motor Company (non-STARS)		
One (non-STARS)		
EP System Relationships and OBD II Monitors	1.62	97
Exhaust and Emissions Theory and Operation	1.78	107
Fuel and Air Theory and Operation	2.07	124
Gasoline Turbocharged Direct Injection (Ecoboost)	1.18	71
Ignition Theory and Operation	1.32	79
Introduction to Engine Performance	.70	42
Engine Operation, Diagnosis & Repair 1	2.60	156
Engine Operation, Diagnosis & Repair 2	2.12	127
2016 F650/750 New Model Training	.45	27
2017 Continental New Model Training Update (On-Demand Webinar - non-STARS)		
2017 Lincoln Continental New Model Training On-Demand Webinar		
2018 EcoSport New Model Training On-Demand Webinar (non-STARS)		
2018 Expedition & Navigator New Model Training On-Demand Webinar (non-STARS)		
2018 F150 New Model Training (Non-STARS)		
2019 Edge and Nautilus New Model Training (Non-STARS)		
2019 Ranger New Model Training (non-STARS)		
2019 Raptor NMT (On-Demand Webinar non-STARS)		
2020 New Model Training Overview - Version 3		
Automotive Measuring Tools	1.75	105
Basic Tire and Wheel Service	.70	42
Introduction to Noise, Vibration and Harshness (W1)	2.00	120
Steering and Suspension Alignment	1.48	89
Steering Systems Theory and Operation	1.50	90
Suspension Systems Theory and Operation	1.73	104
Tire Information	.60	36
Tire Inspection and Maintenance	.50	30
Tire Pressure Monitor Systems (TPMS)	1.50	90
Tire/Wheel Vibration Analysis	.80	48

US High School Student

Brakes (STST 38)

38S03W1

38S02W0

38S01W1

Climate Control (STST 35)

35S01W2

35S03W0

Dealership Operations

F101002003

F101003003

30G23W1

10M02W0

10M01W1S

10M01W1

F101004003

F101001003

30G14W1

30G22W0

3652W

30G09W3

Electrical Systems (STST 34)

30N41W0

34S11W0

34S12W0

34S14W0S

34S13W0

34S14W0

34S15W0

30N26W3

Ford Motor Company

6019W

3703W1

3521W

3537S

3537W

New Model Training (STST 30)

30N58W0

30N62WBR

30N59WBROD

Last Updated: February 10, 2020	Average Completion t	
	Hour	Minutes
Advanced Brake Systems Theory and Operation	1.27	76
Brake Service Procedures	.87	52
Vehicle Brake Systems (W1)	.60	36
Climate Control Theory and Operation	.60	36
Electronic Climate Control Theory and Operation	1.50	90
Automotive Shop Safety	.90	54
Automotive Tools and Equipment	.90	54
Collision and Body Shop Essentials	.90	54
Completing an Efficient VCU Inspection	1.50	90
Documents for General Maintenance (non-STARS)		
General Maintenance	.95	57
Introduction to the Automobile	1.20	72
Introduction to the Automotive Industry	.90	54
On-Line Service Publication Navigation	1.00	60
Pre-Delivery Inspection	1.00	60
Quick Lane: Introduction to Services (non-STARS)		
Technician Warranty Responsibilities	.50	30
2012 Focus Electric Components and Operation	1.75	105
Basic Electrical Theory and Operation	1.43	86
Battery Starting and Charging System Theory and Operation	1.50	90
Documents for Electrical Diag. Tools and Testing – Part II (non-STARS)		
Electrical Diag. Tools and Testing - Part I	2.00	120
Electrical Diag. Tools and Testing - Part II	1.55	93
Electronic Theory and Operation	1.18	71
Hybrid Vehicle Components and Operation	1.50	90
Connectivity: As Always. Like Never Before. (non-STARS)		
Driver Assist Technology (non-STARS)		
Ford Electrified Vehicle Strategy (non-STARS)		
More About Ford Motor Company (non-STARS)		
One (non-STARS)		
2016 F650/750 New Model Training	.45	27
2017 Continental New Model Training Update (On-Demand Webinar - non-STARS)		
2017 Lincoln Continental New Model Training On-Demand Webinar		

R515B01103-D	
R553U01103-D	
R552P02103-D	
R540U01103-D	
R375P01103-D	
R552P03103-D	
S101101303	
Steering & Suspension (STST 33)	
32S02W1	
F204001103	
30S05W1	
33S13W0	
33S12W2	
33S11W1	
F204002103	
F204003103	
33S16W0	
33G01W1	

2018 EcoSport New Model Training On-Demand Webinar (non-STARS)		
2018 Expedition & Navigator New Model Training On-Demand Webinar (non-STARS)		
2018 F150 New Model Training (Non-STARS)		
2019 Edge and Nautilus New Model Training (Non-STARS)		
2019 Ranger New Model Training (non-STARS)		
2019 Raptor NMT (On-Demand Webinar non-STARS)		
2020 New Model Training Overview - Version 3		
Automotive Measuring Tools	1.75	105
Basic Tire and Wheel Service	.70	42
Introduction to Noise, Vibration and Harshness (W1)	2.00	120
Steering and Suspension Alignment	1.48	89
Steering Systems Theory and Operation	1.50	90
Suspension Systems Theory and Operation	1.73	104
Tire Information	.60	36
Tire Inspection and Maintenance	.50	30
Tire Pressure Monitor Systems (TPMS)	1.50	90
Tire/Wheel Vibration Analysis	.80	48

US College Student

Automatic Transmission (STST 37)

F307101103

37S11W0

37S10W0

37S12W1

F307001103

Brakes (STST 38)

38S03W1

38S02W0

38S01W1

Climate Control (STST 35)

35S01W2

35S03W0

Dealership Operations

F101002003

F101003003

30G23W1

10M02W0

10M01W1S

10M01W1

F101004003

F101001003

30G14W1

30G22W0

3652W

30G09W3

Diesel Engine Performance (STST 51)

E305202103-D

E305201103-D

51S05W2

51S04W2

Diesel Engine Repair (STST 52)

52S01W0

51S03W2

Electrical Systems (STST 34)

30N41W0

34S11W0

34S12W0

Last Updated: February 10, 2020	Average Completion t	
	Hours	Minutes
AT Mechanical Components Part 1	.60	36
Automatic Transmission Electronic Control Systems Operation	1.92	115
Intro to Auto Trans Theory and Operation	2.10	126
Introduction to Automatic Transmission Service	2.10	126
Physics of the Automatic Transmission	1.30	78
Advanced Brake Systems Theory and Operation	1.27	76
Brake Service Procedures	.87	52
Vehicle Brake Systems (W1)	.60	36
Climate Control Theory and Operation	.60	36
Electronic Climate Control Theory and Operation	1.50	90
Automotive Shop Safety	.90	54
Automotive Tools and Equipment	.90	54
Collision and Body Shop Essentials	.90	54
Completing an Efficient VCU Inspection	1.50	90
Documents for General Maintenance (non-STARS)		
General Maintenance	.95	57
Introduction to the Automobile	1.20	72
Introduction to the Automotive Industry	.90	54
On-Line Service Publication Navigation	1.00	60
Pre-Delivery Inspection	1.00	60
Quick Lane: Introduction to Services (non-STARS)		
Technician Warranty Responsibilities	.50	30
3.0L Diesel Engine On-Demand Webinar (non-STARS)		
3.2L Diesel Engine On-Demand Webinar (non-STARS)		
Diesel Air Inlet and Exhaust Aftertreatment	1.50	90
Diesel Fuel Supply and Fuel Injection Systems	1.50	90
Diesel Engine Repair	1.18	71
Diesel Engine Theory and Operation	1.50	90
2012 Focus Electric Components and Operation	1.75	105
Basic Electrical Theory and Operation	1.43	86
Battery Starting and Charging System Theory and Operation	1.50	90

34S14W0S	
34S13W0	
34S14W0	
34S15W0	
30N26W3	
34S27W0	
34S16W0	
Electronics (STST 39)	
F402101103	
34S21W1	
34S34W1	
F401104103	
34S33W0	
34S31W0	
F304101103	
34S32W0	
34S30W0	
34S26W3	
Ford Motor Company	
6019W	
3703W1	
3521W	
3537S	
3537W	
Gas Engine Performance (STST 31)	
31S24W0	
31S23W0	
31S21W0	
31S29W2	
31S22W0	
31S20W1	
Gas Engine Repair (STST 32)	
32S06W0	
32S07W0	
Manual Transmission & Driveline (STST 36)	
F205101103	
36S13W0	
36S11W0	
36S10W0	
36S14W0	

Documents for Electrical Diag. Tools and Testing – Part II (non-STARS)		
Electrical Diag. Tools and Testing - Part I	2.00	120
Electrical Diag. Tools and Testing - Part II	1.55	93
Electronic Theory and Operation	1.18	71
Hybrid Vehicle Components and Operation	1.50	90
Network Communication	.77	46
Understanding Electronics	1.33	80
Advanced Driver Assistance Systems	.02	1
Anti-Theft Systems	1.45	87
Collision Avoidance and Driver Support	.95	57
Connected Vehicle Technology	.80	48
Information and Entertainment Systems	.93	56
Instrument Cluster and Lighting Systems	1.22	73
Intermittent Diagnostics	1.10	66
Power Opening Systems Diagnosis	1.83	110
Supplemental Restraint System Diagnosis	1.37	82
SYNC MyFord Operation and Testing	.97	58
Connectivity: As Always. Like Never Before. (non-STARS)		
Driver Assist Technology (non-STARS)		
Ford Electrified Vehicle Strategy (non-STARS)		
More About Ford Motor Company (non-STARS)		
One (non-STARS)		
EP System Relationships and OBD II Monitors	1.62	97
Exhaust and Emissions Theory and Operation	1.78	107
Fuel and Air Theory and Operation	2.07	124
Gasoline Turbocharged Direct Injection (Ecoboost)	1.18	71
Ignition Theory and Operation	1.32	79
Introduction to Engine Performance	.70	42
Engine Operation, Diagnosis & Repair 1	2.60	156
Engine Operation, Diagnosis & Repair 2	2.12	127
AWD with Dynamic Torque Vectoring Theory and Operation	.90	54
Differential and Driveline Systems Operation	1.13	68
Manual Transmission and Transaxle Diagnosis	1.35	81
Manual Transmission and Transaxle Operation	.90	54
Transfer Case and RWD Based 4WD Systems Operation	.98	59

New Model Training (STST 30)

30N58W0
30N62WBR
30N59WBROD
R515B01103-D
R553U01103-D
R552P02103-D
R540U01103-D
R375P01103-D
R552P03103-D
S101101303

Steering & Suspension (STST 33)

32S02W1
F204001103
30S05W1
33S13W0
33S12W2
33S11W1
F204002103
F204003103
33S16W0
33G01W1

2016 F650/750 New Model Training	.45	27
2017 Continental New Model Training Update (On-Demand Webinar - non-STARS)		
2017 Lincoln Continental New Model Training On-Demand Webinar		
2018 EcoSport New Model Training On-Demand Webinar (non-STARS)		
2018 Expedition & Navigator New Model Training On-Demand Webinar (non-STARS)		
2018 F150 New Model Training (Non-STARS)		
2019 Edge and Nautilus New Model Training (Non-STARS)		
2019 Ranger New Model Training (non-STARS)		
2019 Raptor NMT (On-Demand Webinar non-STARS)		
2020 New Model Training Overview - Version 3		
Automotive Measuring Tools	1.75	105
Basic Tire and Wheel Service	.70	42
Introduction to Noise, Vibration and Harshness (W1)	2.00	120
Steering and Suspension Alignment	1.48	89
Steering Systems Theory and Operation	1.50	90
Suspension Systems Theory and Operation	1.73	104
Tire Information	.60	36
Tire Inspection and Maintenance	.50	30
Tire Pressure Monitor Systems (TPMS)	1.50	90
Tire/Wheel Vibration Analysis	.80	48

US College Instructor

Automatic Transmission (STST 37)

F307101103
37S11W0
37S10W0
37S12W1
F307001103

Brakes (STST 38)

38S03W1
38S02W0
38S01W1

Climate Control (STST 35)

35S01W2
35S03W0

Dealership Operations

F101002003
F101003003
30G23W1
10M02W0
10M01W1S
10M01W1
F101004003
F101001003
30G14W1
30G22W0
3652W
30G09W3

Diesel Engine Performance (STST 51)

E305202103-D
E305201103-D
51S05W2
51S04W2

Diesel Engine Repair (STST 52)

52S01W0
51S03W2

Electrical Systems (STST 34)

30N41W0
34S11W0
34S12W0

Last Updated: February 10, 2020	Average Completion t	
	Hours	Minutes
AT Mechanical Components Part 1	.60	36
Automatic Transmission Electronic Control Systems Operation	1.92	115
Intro to Auto Trans Theory and Operation	2.10	126
Introduction to Automatic Transmission Service	2.10	126
Physics of the Automatic Transmission	1.30	78
Advanced Brake Systems Theory and Operation	1.27	76
Brake Service Procedures	.87	52
Vehicle Brake Systems (W1)	.60	36
Climate Control Theory and Operation	.60	36
Electronic Climate Control Theory and Operation	1.50	90
Automotive Shop Safety	.90	54
Automotive Tools and Equipment	.90	54
Collision and Body Shop Essentials	.90	54
Completing an Efficient VCU Inspection	1.50	90
Documents for General Maintenance (non-STARS)		
General Maintenance	.95	57
Introduction to the Automobile	1.20	72
Introduction to the Automotive Industry	.90	54
On-Line Service Publication Navigation	1.00	60
Pre-Delivery Inspection	1.00	60
Quick Lane: Introduction to Services (non-STARS)		
Technician Warranty Responsibilities	.50	30
3.0L Diesel Engine On-Demand Webinar (non-STARS)		
3.2L Diesel Engine On-Demand Webinar (non-STARS)		
Diesel Air Inlet and Exhaust Aftertreatment	1.50	90
Diesel Fuel Supply and Fuel Injection Systems	1.50	90
Diesel Engine Repair	1.18	71
Diesel Engine Theory and Operation	1.50	90
2012 Focus Electric Components and Operation	1.75	105
Basic Electrical Theory and Operation	1.43	86
Battery Starting and Charging System Theory and Operation	1.50	90

34S14W0S
34S13W0
34S14W0
34S15W0
30N26W3
34S27W0
34S16W0

Electronics (STST 39)

F402101103
34S21W1
34S34W1
F401104103
34S33W0
34S31W0
F304101103
34S32W0
34S30W0
34S26W3

Ford Motor Company

6019W
3703W1
3521W
3537S
3537W

Gas Engine Performance (STST 31)

31S24W0
31S23W0
31S21W0
31S29W2
31S22W0
31S20W1

Gas Engine Repair (STST 32)

32S06W0
32S07W0

Manual Transmission & Driveline (STST 36)

F205101103
36S13W0
36S11W0
36S10W0
36S14W0

Documents for Electrical Diag. Tools and Testing – Part II (non-STARS)		
Electrical Diag. Tools and Testing - Part I	2.00	120
Electrical Diag. Tools and Testing - Part II	1.55	93
Electronic Theory and Operation	1.18	71
Hybrid Vehicle Components and Operation	1.50	90
Network Communication	.77	46
Understanding Electronics	1.33	80
Advanced Driver Assistance Systems	.02	1
Anti-Theft Systems	1.45	87
Collision Avoidance and Driver Support	.95	57
Connected Vehicle Technology	.80	48
Information and Entertainment Systems	.93	56
Instrument Cluster and Lighting Systems	1.22	73
Intermittent Diagnostics	1.10	66
Power Opening Systems Diagnosis	1.83	110
Supplemental Restraint System Diagnosis	1.37	82
SYNC MyFord Operation and Testing	.97	58
Connectivity: As Always. Like Never Before. (non-STARS)		
Driver Assist Technology (non-STARS)		
Ford Electrified Vehicle Strategy (non-STARS)		
More About Ford Motor Company (non-STARS)		
One (non-STARS)		
EP System Relationships and OBD II Monitors	1.62	97
Exhaust and Emissions Theory and Operation	1.78	107
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Gasoline Turbocharged Direct Injection (Ecoboost)	1.18	71
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Manual Transmission and Transaxle Diagnosis	1.35	81
Manual Transmission and Transaxle Operation	.90	54
Transfer Case and RWD Based 4WD Systems Operation	.98	59

New Model Training (STST 30)

30N58W0
30N62WBR
30N59WBROD
R515B01103-D
R553U01103-D
R552P02103-D
R540U01103-D
R375P01103-D
R552P03103-D
S101101303

Steering & Suspension (STST 33)

32S02W1
F204001103
30S05W1
33S13W0
33S12W2
33S11W1
F204002103
F204003103
33S16W0
33G01W1

2016 F650/750 New Model Training	.45	27
2017 Continental New Model Training Update (On-Demand Webinar - non-STARS)		
2017 Lincoln Continental New Model Training On-Demand Webinar		
2018 EcoSport New Model Training On-Demand Webinar (non-STARS)		
2018 Expedition & Navigator New Model Training On-Demand Webinar (non-STARS)		
2018 F150 New Model Training (Non-STARS)		
2019 Edge and Nautilus New Model Training (Non-STARS)		
2019 Ranger New Model Training (non-STARS)		
2019 Raptor NMT (On-Demand Webinar non-STARS)		
2020 New Model Training Overview - Version 3		
Automotive Measuring Tools	1.75	105
Basic Tire and Wheel Service	.70	42
Introduction to Noise, Vibration and Harshness (W1)	2.00	120
Steering and Suspension Alignment	1.48	89
Steering Systems Theory and Operation	1.50	90
Suspension Systems Theory and Operation	1.73	104
Tire Information	.60	36
Tire Inspection and Maintenance	.50	30
Tire Pressure Monitor Systems (TPMS)	1.50	90
Tire/Wheel Vibration Analysis	.80	48

Average Web Course Completion Time

Country	Course Code	Course Title	Class Hours
USA	ALM01	2018 Expedition & Navigator Aluminum Body Repair	1.50
	F100001003	Technical Training eLearning Standards and Function	.50
	F101001003	Introduction to Automotive Industry	.90
	F101002003	Automotive Shop Safety	.90
	F101003003	Automotive Tools and Equipment	.90
	F101004003	Introduction to the Automobile	1.20
	F101005003	Vehicle Inspection and Maintenance	.02
	F101006003	Technician Resources	.02
	F101007003	Mentoring Program - Mentee	.02
	F101008003	Mentoring Program - Mentor	.02
	F101009003	Mentoring Information for Service Managers	.02
	F101010003	Technician Fundamentals 1	.00
	F204001103	Basic Tire and Wheel Service	.70
	F204002103	Tire Information	.60
	F204003103	Tire Inspection and Maintenance	.50
	F205101103	AWD with Dynamic Torque Vectoring Theory and Operation	.90
	F304101103	Intermittent Diagnostics	1.10
	F307001103	Physics of the Automatic Transmission	1.30
	F307101103	Automatic Transmission Mechanical Components Part I	.60
	F401102103	FDRS Ford Diagnostic and Repair System and IDS Functions	1.50
	F401103103	Vehicle Communication & Measurement Module (VCMM)	1.10
	F401104103	Connected Vehicle Technology	.80
	F402101103	Advanced Driver Assistance Systems	.02
	F402102103	Mobile Service Module Programming	.20
	F414101103	High Voltage Systems Safety	.80
	F501101103	Takata Airbag Recall Training	.70
	S101101103	2020 New Model Training Overview - Version 1	1.10
	S101101203	2020 New Model Training Overview - Version 2	1.60
	S101101303	2020 New Model Training Overview - Version 3	1.67
	S307301103	8F35 Theory and Operation	2.10
	S307302103	8F57 Theory and Operation	1.00
	S307303103	8F24 Theory and Operation	.80
	S307304103	10R140 Theory and Operation	1.20
	T101101103	Express Service	.90
	01F01W0	Technical Assistance Center - Guiding Principles	.75
	01F02W0	Technical Assistance Center - Safeguarding Information	.58
	01F03W0	Technical Assistance Center - Reporting Obligations	.50
	01F04W0	Technical Assistance Center - Protecting Company Records	.33
	01F05W0	Technical Assistance Center - Keeping the Workplace Safe	.50
	01F06W0	Technical Assistance Center - Respecting Diversity	.75
	01F07W0	Technical Assistance Center - Networking Technology	.50
	01F08W0	Technical Assistance Center - Proper Record Handling	.50
	01F09W0	Technical Assistance Center - Controlling Financial Reporting	.75
	01F10W0	Technical Assistance Center - Prohibited Payments	.75
	01F11W0	Technical Assistance Center - Supplier Relationships	.75
	01F13W0	Technical Assistance Center - Following Labor Laws	.43
	01F14W0	Technical Assistance Center - Creating a Respectful Work Environment	1.00
	01F15W0	Technical Assistance Center - Leading a Respectful Team	1.17
	10M01W1	General Maintenance	.95
	10M02W0	Completing an Efficient VCU/MPI Inspection	1.50
	166	Tire Inspections and Damages	.50
	260	Tire Essentials 101: Tire Definitions and Sizing	.50

Class Minutes	Sponsor Code	Delivery Method
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30	TSO	WBT

261	Tire Essentials 102: Sidewall Markings	.50
267	Tire Essentials 103: Tire Service	.00
30G04W2	USING THE FORD TECHNICAL SERVICE HOTLINE	.60
30G04W3	Using the Ford Technical Assistance Center	.70
30G09W2	Technician Warranty Responsibilities	2.00
30G09W3	Technician Warranty Responsibilities	.50
30G10W0	FIRTFT - Wind noise and water leaks	1.92
30G11W1	IDS - DTC's, PID's, DMM	1.02
30G14W1	ON-LINE SERVICE PUBLICATION NAVIGATION	1.00
30G16W0	Service Training Instructor (STI) Delivery Skills	.62
30G22W0	PRE DELIVERY INSPECTION	1.00
30G23W1	Collision and Body Shop Essentials	.90
30N26W2	Hybrid Vehicle Components and Operation	1.75
30N26W3	Hybrid Vehicle Components and Operation	1.50
30N40W0	2012 FOCUS NMT	.77
30N41W0	2012 Focus Electric Components and Operation	1.75
30N43W0	2013 Escape New Model Training	.30
30N44W0	2013 Sedan Utility Police Interceptor	1.00
30N45W0	2013 Lincoln MKT Limo Livery NMT	.70
30N50W0	2014 Transit Connect NMT	1.00
30N51W0	2015 Lincoln MKC New Model Training	1.00
30N52W0	2015 Transit New Model Training	1.83
30N54W0	2015 Mustang New Model Training	1.00
30N55W1	2015 Edge New Model Training	.87
30N56W0	2015 F-150 New Model Training	1.58
30N57W0	2016 MKX New Model Training	1.08
30N58W0	2016 F-650/750 New Model Training Web Course	.45
30S05W1	Introduction to Noise, Vibration and Harshness	2.00
31S20W0	Introduction to Engine Performance	1.07
31S20W1	Introduction to Engine Performance	.70
31S21W0	Fuel and Air Theory and Operation	2.07
31S22W0	Ignition Theory and Operation	1.32
31S23W0	Exhaust and Emissions Theory and Operation	1.78
31S24W0	EP System Relationships and OBD II Monitors	1.62
31S25W0	EP Diagnostic Processes and Routines 1	2.22
31S27W0	EP Diagnostic Processes and Routines 2	1.95
31S29W2	Gasoline Turbocharged Direct Injection (Ecoboost)	1.18
32S02W0	Automotive Measuring Tools	1.73
32S02W1	Automotive Measuring Tools	1.75
32S06W0	Engine Operation Diagnosis & Repair 1	2.60
32S07W0	Engine Operation Diagnosis & Repair 2	2.12
32S09T1TTT	Engine Diagnosis and Repair TTT Refresher	.00
33G01W0	FIRTFT: F-Series Tire/Wheel Vibration Analysis	1.13
33G01W1	Tire/Wheel Vibration Analysis	.80
33S11W1	Suspension Systems Theory and Operation	1.73
33S12W2	Steering System Theory and Operation	1.50
33S13W0	Steering & Suspension Alignment	1.48
33S14W1	Steering and Suspension Systems Tools and Testing	1.30
33S16W0	Tire Pressure Monitor Systems (TPMS)	1.50
34S11W0	Basic Electrical Theory and Operation	1.43
34S12W0	Battery Starting & Charging System Theory & Op	1.50
34S13W0	Electrical Diagnosis Tools and Testing I	2.00
34S14W0	Electrical Diagnosis Tools and Testing II	1.55
34S15W0	Electronics Theory & Operation	1.18
34S16W0	Understanding Electronic Systems	1.33
34S21W1	Anti-Theft Systems	1.45
34S24W0	Supplemental Restraints Operations & Diagnosis	1.00

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34S26W3	SYNC MyFord Operation and Testing	.97
34S27W0	Network Communication	.77
34S28W0	IDS - O'scope, SGM, & PMI	1.50
34S30W0	Supplemental Restraints Systems	1.37
34S31W0	Instrument Cluster and Lighting Systems	1.22
34S32W0	Power Opening Systems	1.83
34S33W0	Information and Entertainment Systems	.93
34S34W1	Collision Avoidance and Driver Support	.95
35S01W1	Climate Control Theory and Operation	1.50
35S01W2	Climate Control Theory and Operation	.60
35S03W0	Electronic Climate Control Theory and Operation	1.50
35S04W1	Climate Control System Diagnosis	1.50
36S10W0	Manual Transmission and Transaxle Operation	1.35
36S11W0	Manual Transmission and Transaxle Diagnosis	.90
36S13W0	Differential and Driveline Systems Operation	1.13
36S14W0	Transfer Case & RWD based 4WD Systems Operation	.98
36S15W0	Transfer Case & RWD based 4WD Systems Diagnosis	1.63
36S16W1	FWD based AWD Systems Diagnosis and Service	1.50
37S10W0	Intro to Auto Trans Theory and Operation	2.10
37S11W0	Automatic Transmission Electronic Control Systems	1.92
37S12W1	Introduction to Automatic Transmission Service	1.03
37S13T2TTT	Auto Trans Service TTT Refresher	1.08
37S13W0	Automatic Transmission Overhaul	1.00
37S14W2	Introduction to Automatic Transmission Diagnosis	2.10
37S15T3TTT	Automatic Transmission Diagnosis Train-the-Trainer Supplemental Information	6.00
37S20W1	Torqshift 6 Diagnosis & Service	2.00
37S22W0	6F35 Diagnosis & Service	1.52
37S24W0	6R80 Operation and Service	1.62
37S25W0	6F15 Unique Characteristics and Service	.50
37S26W0	10R80 Theory and Operation	3.00
37S26W1	10R80 Theory and Operation	.00
370	Hazardous Materials Training	.00
38ST12T5	Data Security Best Practices for Dealerships	1.00
38S01W0	Vehicle Brake Systems	1.35
38S01W1	Vehicle Brake Systems	.60
38S02W0	Brake Service Procedures	.87
38S03W1	Advanced Brake System Theory and Operation	1.27
38S04W1	Advanced Brake Systems Diagnosis	1.93
39S01W2	Advanced Module and Network Diagnosis	2.20
51S03W2	Diesel Engine Theory and Operation	1.50
51S04W2	Diesel Fuel Supply and Fuel Injection Systems	1.50
51S05W2	Diesel Air Inlet and Exhaust Aftertreatment	1.50
51S14W0	Diesel Diagnosis	2.63
51S15T1TTT	Diesel Engine Performance and Diagnosis TTT Refresher	.00
52S01W0	Diesel Engine Repair	1.18
58S01W0	Air Brakes Theory and Operations - Medium Duty Truck	1.12
58S02W0	Air Brakes Service and Diagnosis - Medium Duty Truck	1.20
58S03W0	Hydraulic Brakes Theory and Operations - Medium Duty Truck	.97
60S03W0	Lincoln Electronic Pre Delivery Inspection	1.00

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