



Learning Tree Training eCatalog for



Texas Department of Information Resources

Instructor-Led (ILTS)
Contract # DIR-CPO-5045

LearningTree.com/DIR



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How to Contract (Obtain a Proposal and Issue a Purchase Order):

CONTRACT NO: DIR-CPO-5045

VENDOR NO: 1541577802400

Mentor Protégé Agreement with Texas Department of Motor Vehicles

For Quotes and Purchase Orders, please contact:



Learning Tree International

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703-925-5643

This contract is part of the
[Texas Department of Information Resources \(DIR\)
Cooperative Contracts Program](#)

Table of Contents

.NET / Visual Studio	4	Microsoft Office	14
Activity Based Intelligence	4	Microsoft	14
Adobe	4	Networking & Virtualization	17
Agile & Scrum	5	Oracle	18
Big Data	6	Project Management	18
Business Analysis	7	Python, Perl and C++	20
Cisco	8	SharePoint	20
Cloud Computing	9	Software Development	21
Cyber Security	9	SQL Server	21
DevOps	11	Web Development	23
ITIL®	11	Onsite Technical Class	24
Java Programming	11	Onsite Non-Technical Class	24
Leadership & Professional Development	12	Fees for Miscellaneous Items	24
Linux & UNIX	13		

Training Courses



Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
Appendix C Line #	.NET/Visual Studio Development					
40	C# Programming (419)	Introductory	4 Days	\$2,990	20.00%	\$2,392
55	Programming with .NET Introduction (502)	Introductory	4 Days	\$2,990	20.00%	\$2,392
56	Visual Basic Programming for .NET (503)	Introductory	4 Days	\$2,990	20.00%	\$2,392
57	.NET Best Practices and Design Patterns (511)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
85	Programming C# Extended Features (973)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
86	Building Web Applications with ASP.NET MVC (977)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
189	.NET 4.5 Programming for Existing .NET Developers (2620)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
190	Building ASP.NET Web Forms Applications (2621)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
358	ASP.NET MVC with AngularJS and Bootstrap (4644)	Advanced	1 Day	\$580	20.00%	\$464
359	Developing ASP.NET Web API Services (4645)	Advanced	1 Day	\$580	20.00%	\$464
360	Entity Framework (EF) Code First (4646)	Advanced	1 Day	\$580	20.00%	\$464
361	Introduction ASP.NET vNext (4647)	Introductory	1 Day	\$580	20.00%	\$464
362	Understanding .NET vNext (4649)	Intermediate	1 Day	\$580	20.00%	\$464
For .NET/Visual Studio course details, visit LearningTree.com/.NET						
Appendix C Line #	Adobe					
219	Acrobat Adobe Fundamentals: An Introduction to Acrobat XI (2940)	Introductory	3 Days	\$1,495	20.00%	\$1,196
220	Captivate Essentials - An Introduction to Captivate (2941)	Introductory	3 Days	\$1,495	20.00%	\$1,196
221	Captivate - Beyond the Essentials (2942)	Intermediate	2 Days	\$1,195	20.00%	\$956
222	Fast Track - to ColdFusion 10 (2943)	Intermediate	3 Days	\$1,495	20.00%	\$1,196
223	Advanced ColdFusion 10 Development (2944)	Advanced	3 Days	\$1,495	20.00%	\$1,196
224	Dreamweaver Fundamentals: An Introduction to Dreamweaver CC (2945)	Introductory	4 Days	\$1,750	20.00%	\$1,400
225	Photoshop CC Advanced: Print and Photography (2946)	Advanced	2 Days	\$1,195	20.00%	\$956
226	Photoshop CC Advanced: Web and Video (2947)	Advanced	2 Days	\$1,195	20.00%	\$956
227	Illustrator Fundamentals: An Introduction to Illustrator CC (2948)	Introductory	3 Days	\$1,495	20.00%	\$1,196
228	Illustrator Advanced (2949)	Advanced	2 Days	\$1,195	20.00%	\$956
229	InDesign Fundamentals: An Introduction to InDesign CC (2950)	Introductory	3 Days	\$1,495	20.00%	\$1,196

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
230	InDesign CC Advanced (2951)	Advanced	2 Days	\$1,195	20.00%	\$956
231	Photoshop Fundamentals: An Introduction to Photoshop CC (2952)	Introductory	3 Days	\$1,495	20.00%	\$1,196
232	Introduction to Adobe After Effects CC (2953)	Introductory	3 Days	\$1,495	20.00%	\$1,196
233	Intermediate Adobe After Effects CC (2954)	Intermediate	2 Days	\$1,195	20.00%	\$956
234	Advanced Adobe After Effects CC (2955)	Advanced	2 Days	\$1,195	20.00%	\$956
235	Introduction to Premiere Pro CC (2956)	Introductory	3 Days	\$1,495	20.00%	\$1,196
236	Premiere Pro CC Advanced (2957)	Advanced	2 Days	\$1,195	20.00%	\$956

For Adobe course details, visit [LearningTree.com/Adobe](https://www.learningtree.com/Adobe)

Appendix C Line #	Agile and Scrum					
72	Agile Fundamentals: Scrum, Kanban, Lean and XP (918)	Introductory	3 Days	\$2,650	20.00%	\$2,120
76	Agile Programming Professional (933)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
79	Agile Software Design Professional (944)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
98	Preparing for Success with Agile and Scrum (1083)	Introductory	1 Day	\$580	20.00%	\$464
257	Lean IT: Achieving Foundation Certification (3630)	Intermediate	2 Days	\$1,950	20.00%	\$1,560
131	Accelerating Agile Development for Scrum Teams (1812)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
132	Certified ScrumMaster® (1813)	Intermediate	2 Days	\$1,950	20.00%	\$1,560
133	Certified Scrum Product Owner® (1814)	Intermediate	2 Days	\$1,950	20.00%	\$1,560
134	Agile Testing Strategies and Practices (1815)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
135	Agile Software Development with Team Foundation Server (1816)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
136	Leading SAFe - SAFe Agilist Certification (1817)	Intermediate	2 Days	\$1,950	20.00%	\$1,560
137	Agile Test Automation (1820)	Intermediate	2 Days	\$1,950	20.00%	\$1,560
240	Agile Leadership (3401)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
249	Agile Business Analysis (3511)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
254	PMI-Agile Certified Practitioner (PMI-ACP)® Exam Prep (3605)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
260	Managing Agile Projects with JIRA Software (3642)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
261	Smoothing Development Workflow: An Introduction to Kanban (3650)	Introductory	1 Day	\$580	20.00%	\$464
262	Value in Kanban Systems Design (KMP-I) (3651)	Intermediate	2 Days	\$1,950	20.00%	\$1,560
263	Kanban Management Professional (KMP-II) (3652)	Intermediate	2 Days	\$1,950	20.00%	\$1,560

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
333	Agile Adoption for Managers (4590)	Introductory	1 Day	\$580	20.00%	\$464
334	Introduction to Scrum (4591)	Introductory	1 Day	\$580	20.00%	\$464
335	ScrumMaster: Beyond the Basics (4595)	Introductory	1 Day	\$580	20.00%	\$464
336	Agile Metrics: Tools for Agile Success (4596)	Introductory	1 Day	\$580	20.00%	\$464
337	Agile Release Management (4597)	Introductory	1 Day	\$580	20.00%	\$464
394	Lean-Agile: Combining Kanban & Scrum (4870)	Introductory	1 Day	\$580	20.00%	\$464
395	Agile Project Workshop (4871)	Intermediate	1 Day	\$580	20.00%	\$464
396	Agile Requirements: The Business Analyst in Scrum (4875)	Intermediate	1 Day	\$580	20.00%	\$464
399	Six Sigma Essentials (4884)	Introductory	1 Day	\$580	20.00%	\$464
258	APMG AgilePM® Achieving Foundation & Practitioner Certification (3633)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
194	iPhone and iPad Application Development Introduction (2761)	Introductory	4 Days	\$2,990	20.00%	\$2,392
195	Swift Programming Introduction (2763)	Introductory	4 Days	\$2,990	20.00%	\$2,392

For Agile course details, visit [LearningTree.com/Agile](https://www.LearningTree.com/Agile)

Appendix C Line #	Big Data					
108	Introduction to Big Data (1250)	Introductory	3 Days	\$2,650	20.00%	\$2,120
109	Hadoop Programming with Java for Big Data Solutions (1251)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
110	Hadoop Architecture & Administration for Big Data Solutions (1252)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
111	Introduction to Data Science for Big Data Analytics (1253)	Advanced	5 Days	\$3,190	20.00%	\$2,552
112	Extracting Business Value from Big Data with Pig, Hive & Impala (1254)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
113	Tableau: Presenting Analytic Visualizations (1256)	Introductory	3 Days	\$2,650	20.00%	\$2,120
114	Building Apache Cassandra Databases (1260)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
115	Building Enterprise Solutions with MongoDB (1261)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
116	Apache Spark Programming with Scala for Big Data Solutions (1262)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
292	Big Data Insights, Technologies & Trends (4500)	Introductory	1 Day	\$580	20.00%	\$464
323	Building a Data Warehouse (4562)	Introductory	1 Day	\$580	20.00%	\$464
385	OpenStack Overview (4712)	Intermediate	1 Day	\$580	20.00%	\$464
426	Introduction to R for Data Analytics (5045)	Intermediate	1 Day	\$580	20.00%	\$464
429	Data Analytics for Internet of Things (5049)	Intermediate	1 Day	\$580	20.00%	\$464

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
455	Implementing a SQL Server 2016 Data Warehouse (20767) (8424)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
For Big Data course details, visit LearningTree.com/BigData						
Appendix C Line #	Business Analysis					
338	Effective User Stories (4598)	Introductory	1 Day	\$580	20.00%	\$464
1	Crystal Reports (126)	Introductory	4 Days	\$2,990	20.00%	\$2,392
13	Business Analysis Introduction: Defining Successful Projects (211)	Introductory	3 Days	\$2,650	20.00%	\$2,120
14	Building an Effective Business Case (212)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
31	Developing User Requirements: The Key to Project Success (315)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
47	Introduction to Modeling for Business Analysis (447)	Introductory	4 Days	\$2,990	20.00%	\$2,392
243	Soft Skills Training for Business Analysis (3504)	Introductory	3 Days	\$2,650	20.00%	\$2,120
244	Introduction to Business Process Improvement (BPI) (3505)	Introductory	3 Days	\$2,650	20.00%	\$2,120
245	BCS Foundation Certificate in Business Analysis (3507)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
246	BCS Certificate in Business Analysis Practice (3508)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
247	BCS Certificate in Modelling Business Processes (3509)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
248	BCS Certificate in Requirements Engineering (3510)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
250	IIBA® Business Analysis Body of Knowledge® (BABOK®) Comprehensive Study (3515)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
251	IIBA® CCBA® Exam Preparation – Essential Knowledge (3516)	Intermediate	1 Day	\$580	20.00%	\$464
252	IIBA® CBAP® Exam Preparation – Case Studies (3517)	Intermediate	1 Day	\$580	20.00%	\$464
329	Documenting Requirements for Successful Projects (4580)	Introductory	1 Day	\$580	20.00%	\$464
330	The Strategic Role of the Business Analyst (4582)	Introductory	1 Day	\$580	20.00%	\$464
331	Creating Effective Stakeholder Engagement (4584)	Introductory	1 Day	\$580	20.00%	\$464
332	Key Financial Metrics for Business Case Analysis (4587)	Introductory	1 Day	\$580	20.00%	\$464
For Business Analyst course details, visit LearningTree.com/BA						
Appendix C Line #	Cisco					
198	Interconnecting Cisco Networking Devices Part 1 (ICND1) (2801)	Intermediate	5 Days	\$3,795	20.00%	\$3,036
199	Interconnecting Cisco Networking Devices Part 2 (ICND2) (2802)	Intermediate	5 Days	\$3,795	20.00%	\$3,036

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
200	CCNA Routing and Switching Boot Camp (CCNAX) (2803)	Intermediate	5 Days	\$3,795	20.00%	\$3,036
201	Implementing Cisco IP Routing (ROUTE) (2811)	Intermediate	5 Days	\$3,795	20.00%	\$3,036
202	Implementing Cisco IP Switched Networks (SWITCH) (2812)	Intermediate	5 Days	\$3,795	20.00%	\$3,036
203	Troubleshooting and Maintaining Cisco IP Networks (TSHOOT) (2813)	Intermediate	5 Days	\$3,795	20.00%	\$3,036
204	(DCACIF v2.0) Data Center Application Centric Infrastructure Fundamentals (2820)	Intermediate	5 Days	\$4,595	20.00%	\$3,676
205	(OCDCU v3.0) Deploying OpenStack Cloud-Fundamentals (2821)	Intermediate	4 Days	\$3,895	20.00%	\$3,116
206	(AUCCE1 V10.0) Administering Cisco Unified Contact Center Enterprise, Part 1 (2822)	Intermediate	5 Days	\$3,795	20.00%	\$3,036
207	(AUCCE2 V10.0) Administering Cisco Unified Contact Center Enterprise, Part 2 (2823)	Intermediate	5 Days	\$3,795	20.00%	\$3,036
208	(DUCCE v10.0) Deploying Unified Contact Center Enterprise (2824)	Intermediate	5 Days	\$3,795	20.00%	\$3,036
209	(CCNAX v3.0) Interconnecting Cisco Networking Devices: Accelerated (2825)	Intermediate	5 Days	\$3,895	20.00%	\$3,116
210	(WIFUND v1.01) Implementing Cisco Wireless Network Fundamentals (2826)	Intermediate	5 Days	\$3,495	20.00%	\$2,796
211	(CMA v11.0) Communications Manager Administration (2827)	Intermediate	3 Days	\$2,695	20.00%	\$2,156
212	(UCA v11.0) Unity Connection Administration (2828)	Intermediate	2 Days	\$2,695	20.00%	\$2,156
213	(DCUCI v5.0) Implementing Cisco Data Center Unified Computing (2829)	Intermediate	5 Days	\$3,795	20.00%	\$3,036
214	(SISE v2.1) Implementing and Configuring Cisco Identity Services Engine (2830)	Intermediate	5 Days	\$3,995	20.00%	\$3,196
215	(IINS v3.0) Implementing Cisco IOS Networking Security (2831)	Intermediate	5 Days	\$3,495	20.00%	\$2,796
216	(ICND2 v3.0) Interconnecting Cisco Networking Devices, Part 2 (2835)	Intermediate	5 Days	\$3,295	20.00%	\$2,636
217	(ICND1 v3.0) Interconnecting Cisco Networking Devices, Part 1 (2839)	Intermediate	5 Days	\$3,295	20.00%	\$2,636
218	FIREPOWER200 - Securing Networks with Cisco Firepower Threat Defense NGFW (2843)	Intermediate	5 Days	\$3,795	20.00%	\$3,036

[For Cisco course details, visit LearningTree.com/Cisco](https://www.learningtree.com/cisco)

Appendix C Line #	Cloud Computing					
103	Cloud Computing Technologies Introduction (1200)	Introductory	3 Days	\$2,650	20.00%	\$2,120
104	Amazon Web Services (AWS) (1205)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
105	Expanding AWS Adoption (1206)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
106	(ISC) ² Certified Cloud Security Professional (CCSP) Exam Preparation (1213)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
107	Essentials of Cloud Security Management (1220)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
383	Cloud Essentials (4710)	Introductory	1 Day	\$580	20.00%	\$464

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
384	AWS New Features (4711)	Intermediate	1 Day	\$580	20.00%	\$464
428	Amazon EMR (5048)	Intermediate	1 Day	\$580	20.00%	\$464
386	Securing AWS Cloud (4713)	Introductory	1 Day	\$580	20.00%	\$464
387	Securing Azure Cloud (4714)	Introductory	1 Day	\$580	20.00%	\$464
388	Securing Google Cloud Platform (4715)	Introductory	1 Day	\$580	20.00%	\$464

[For Cloud Computing course details, visit LearningTree.com/Cloud](https://www.learningtree.com/cloud)

Appendix C Line #	Cyber Security					
24	Disaster Recovery Planning: Ensuring Business Continuity (289)	Introductory	4 Days	\$2,990	20.00%	\$2,392
46	CompTIA Security+ Certification Exam Preparation (446)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
50	System and Network Security Introduction (468)	Introductory	4 Days	\$2,990	20.00%	\$2,392
64	Penetration Testing: Tools and Techniques (537)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
68	Vulnerability Assessment: Protecting Your Organization (589)	Introductory	4 Days	\$2,990	20.00%	\$2,392
78	Securing Web Applications, Services and Servers (940)	Introductory	4 Days	\$2,990	20.00%	\$2,392
142	Defending the Perimeter from Cyber Attacks (2010)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
143	Endpoint Security and Network Access Control (2011)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
144	Targeted Human Threats: Social Engineering Deceptions, Exploits and Defenses (2012)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
145	Cyber Security Risk Assessment & Management (2013)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
146	Certified Security Analyst (ECSA) Exam Preparation (VILT) (2024)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
147	Certified Incident Handler (ECIH) Exam Preparation (CIH) (VILT) (2025)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
148	Certified Information Security Officer (CCISO) Exam Preparation (VILT) (2026)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
149	Certified Ethical Hacker (CEH) Certification Exam Preparation (2031)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
150	Certified Network Defender (CND) Exam Preparation (2032)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
151	Certified Information Security Manager (CISM) Exam Preparation (2036)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
152	Certified Information Security Auditor (CISA) Exam Preparation (2040)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
153	CompTIA Advanced Security Practitioner (CASP) Certification Exam Preparation (2046)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
154	Cyber Security for Management and the Boardroom (2050)	Intermediate	1 Day	\$580	20.00%	\$464
155	Cyber Security Risk Assessment & Management for the U.S. Government (2051)	Intermediate	4 Days	\$2,990	20.00%	\$2,392

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
156	Cyber Security Risk Management Framework for the Department of Defense (2052)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
157	Cyber Security Risk Assessment & Management for U.S. State and Local Governments (2053)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
158	Advanced Persistent Threats: Targeted Attacks & Defenses (2054)	Advanced	4 Days	\$2,990	20.00%	\$2,392
159	Digital Forensics Tools and Techniques (2055)	Advanced	5 Days	\$3,190	20.00%	\$2,552
160	Identity Management (2056)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
161	Certified Information Systems Security Professional (CISSP) Certification Exam Preparation (2058)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
278	Cyber Security: Accessibility and Quality (3674)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
288	National Cybersecurity Workforce Framework Workshop (3941)	Introductory	1 Day	\$580	20.00%	\$464
302	Cyber Security: Key Elements for Success (4520)	Introductory	1 Day	\$580	20.00%	\$464
303	Starter Guide to Cyber Security (4521)	Introductory	1 Day	\$580	20.00%	\$464
304	Security Awareness (4522)	Introductory	1 Day	\$580	20.00%	\$464
305	Metasploit (4523)	Advanced	1 Day	\$580	20.00%	\$464
306	Managing PKI (4525)	Introductory	1 Day	\$580	20.00%	\$464
307	Hacking and Securing Wireless Networks (4526)	Introductory	1 Day	\$580	20.00%	\$464
308	Compliance Checklists (NIST Framework) (4528)	Introductory	1 Day	\$580	20.00%	\$464
309	Implementing Web Application Security (4529)	Introductory	1 Day	\$580	20.00%	\$464
For Cyber Security course details, visit LearningTree.com/Cyber						
Appendix C Line #	DevOps					
259	Fundamentals of DevOps (ICP-FDO Certification) (3641)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
400	DevOps: Technical Essentials (4885)	Introductory	1 Day	\$580	20.00%	\$464
401	DevOps: Management & Team Essentials (4886)	Introductory	1 Day	\$580	20.00%	\$464
For DevOps course details, visit LearningTree.com/DevOps						
Appendix C Line #	ITIL®					
87	ITIL® Intermediate: Service Strategy (982)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
88	ITIL® Managing Across the Lifecycle Qualification (983)	Advanced	5 Days	\$3,190	20.00%	\$2,552
89	ITIL® Intermediate: Service Operation (991)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
90	ITIL® Intermediate: Service Transition (992)	Intermediate	3 Days	\$2,650	20.00%	\$2,120

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
91	ITIL® Intermediate: Service Design (993)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
92	ITIL® Intermediate: Continual Service Improvement (994)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
93	ITIL® Intermediate: Operational Support and Analysis (995)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
94	ITIL® Intermediate: Release, Control and Validation (996)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
95	ITIL® Intermediate: Planning, Protection and Optimization (997)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
96	ITIL® Intermediate: Service Offerings and Agreements (998)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
99	ITIL® Practitioner: The Business values to the Organization (1085)	Introductory	1 Day	\$580	20.00%	\$464
100	Preparing for Your ITIL® Intermediate Course (1092)	Introductory	1 Day	\$580	20.00%	\$464
101	Achieving ITIL® Foundation Certification (1197)	Introductory	3 Days	\$2,650	20.00%	\$2,120
102	Achieving ITIL® Practitioner Certification (1198)	Intermediate	2 Days	\$1,950	20.00%	\$1,560

For ITIL course details, visit LearningTree.com/ITIL

Appendix C Line #	Java Programming					
52	Java Programming Introduction (471)	Introductory	4 Days	\$2,990	20.00%	\$2,392
58	Java Best Practices and Design Patterns (516)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
59	Developing Enterprise Java Applications with Spring & Hibernate (517)	Advanced	4 Days	\$2,990	20.00%	\$2,392
66	Developing Java Web Applications (570)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
67	Building REST and SOAP Web Services with Java (577)	Advanced	4 Days	\$2,990	20.00%	\$2,392
77	Building Modern Java Enterprise Apps: JPA, EJB3, JSF & Ajax (936)	Advanced	4 Days	\$2,990	20.00%	\$2,392
310	Java Test-Driven Development with JUnit (4532)	Intermediate	1 Day	\$580	20.00%	\$464
403	Java 8 New Features, Part 1 (4892)	Introductory	1 Day	\$580	20.00%	\$464
404	Java 8 New Features, Part 2 (4893)	Intermediate	1 Day	\$580	20.00%	\$464

For Java course details, visit LearningTree.com/Java

Appendix C Line #	Leadership and Professional Development					
16	Business and Report Writing Introduction (219)	Introductory	3 Days	\$2,650	25.00%	\$1,988
18	Assertiveness Skills: Communicating with Authority & Impact (244)	Introductory	3 Days	\$2,650	25.00%	\$1,988
20	Finance and Accounting for Nonfinancial Managers (281)	Introductory	3 Days	\$2,650	25.00%	\$1,988
21	Critical Thinking and Creative Problem Solving (284)	Intermediate	3 Days	\$2,650	25.00%	\$1,988

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
25	Management Skills (290)	Introductory	4 Days	\$2,990	25.00%	\$2,243
26	Communication Skills: Results through Collaboration (292)	Introductory	3 Days	\$2,650	25.00%	\$1,988
27	Influence Skills: Getting Results without Direct Authority (294)	Introductory	4 Days	\$2,990	25.00%	\$2,243
29	Personal Skills for Professional Excellence (297)	Intermediate	4 Days	\$2,990	25.00%	\$2,243
33	Technical Writing Introduction (319)	Introductory	4 Days	\$2,990	25.00%	\$2,243
36	Time Management (344)	Introductory	2 Days	\$1,950	25.00%	\$1,463
69	Business Relationship Management: Aligning IT & the Business (902)	Intermediate	3 Days	\$2,650	25.00%	\$1,988
70	Public Speaking: Compelling Speeches & Presentations (903)	Intermediate	3 Days	\$2,650	25.00%	\$1,988
71	Management Skills for an IT Environment (906)	Introductory	4 Days	\$2,990	25.00%	\$2,243
238	Strategic Thinking for Operational Management (3310)	Intermediate	3 Days	\$2,650	25.00%	\$1,988
239	21st Century Leadership: Inspiring Excellence and Engagement (3311)	Introductory	3 Days	\$2,650	25.00%	\$1,988
241	Developing Your Leadership Voice for Presence and Impact (3405)	Introductory	3 Days	\$2,650	25.00%	\$1,988
242	Emotional Intelligence: Achieving Leadership Success (3411)	Intermediate	3 Days	\$2,650	25.00%	\$1,988
280	Professional Services Professional: Operational Catalyst (3820)	Intermediate	3 Days	\$2,650	25.00%	\$1,988
281	Professional Services Professional: Business Executive (3821)	Intermediate	3 Days	\$2,650	25.00%	\$1,988
282	Professional Services Professional: Commercial Rainmaker (3822)	Intermediate	3 Days	\$2,650	25.00%	\$1,988
283	Professional Services Professional: Personal Athlete (3823)	Intermediate	3 Days	\$2,650	25.00%	\$1,988
284	Professional Services Professional: Technical Authority (3824)	Intermediate	2 Days	\$1,950	25.00%	\$1,463
364	Achieving Success as a New Manager (4660)	Introductory	1 Day	\$580	25.00%	\$435
365	Responding Productively to Stress (4661)	Introductory	1 Day	\$580	25.00%	\$435
366	Time Management Essentials (4662)	Introductory	1 Day	\$580	25.00%	\$435
367	Professional Development Essentials (4663)	Introductory	1 Day	\$580	25.00%	\$435
368	Performance Management Essentials (4665)	Introductory	1 Day	\$580	25.00%	\$435
369	Emotional Intelligence Essentials (4666)	Introductory	1 Day	\$580	25.00%	\$435
370	Coaching Essentials for Managers (4667)	Introductory	1 Day	\$580	25.00%	\$435
371	Executive Leadership Essentials (4668)	Introductory	1 Day	\$580	25.00%	\$435
372	Customer Service Essentials (4669)	Introductory	1 Day	\$580	25.00%	\$435
411	Cultural Intelligence Essentials (4970)	Introductory	1 Day	\$580	25.00%	\$435
412	Facilitation for Successful Business Meetings (4971)	Intermediate	1 Day	\$580	25.00%	\$435

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
413	Conflict Management and Resolution Essentials (4972)	Introductory	1 Day	\$580	25.00%	\$435
414	Communicating and Engaging with Others (4974)	Intermediate	1 Day	\$580	25.00%	\$435
415	Stakeholder Management Essentials (4975)	Introductory	1 Day	\$580	25.00%	\$435
267	Senior/Expert Leadership and Interpersonal Skills (3663)	Advanced	3 Days	\$2,650	25.00%	\$1,988
417	Leading Innovation Essentials (4982)	Intermediate	1 Day	\$580	25.00%	\$435

For Leadership course details, visit [LearningTree.com/Training-Directory/Leadership-Professional-Development-Training/](https://www.learningtree.com/training-directory/leadership-professional-development-training/)

Appendix C Line #	Linux and UNIX					
6	Linux Introduction (143)	Introductory	4 Days	\$2,990	20.00%	\$2,392
7	Linux Administration and Support (144)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
39	UNIX and Linux Tools and Utilities (396)	Advanced	4 Days	\$2,990	20.00%	\$2,392
42	UNIX Introduction (428)	Introductory	4 Days	\$2,990	20.00%	\$2,392
44	Shell Programming (434)	Introductory	3 Days	\$2,650	20.00%	\$2,120
139	Linux Optimization and Troubleshooting (1901)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
339	Linux for Power Users (4601)	Introductory	1 Day	\$580	20.00%	\$464
340	Shell Scripting with Bash (4602)	Introductory	1 Day	\$580	20.00%	\$464
341	Linux Booting and Initialization (4604)	Introductory	1 Day	\$580	20.00%	\$464
424	Red Hat Linux Migration (5021)	Intermediate	1 Day	\$580	20.00%	\$464
425	Linux Security (5022)	Intermediate	1 Day	\$580	20.00%	\$464

For Linux and UNIX course details, visit [LearningTree.com/Linux](https://www.learningtree.com/linux)

Appendix C Line #	Microsoft Office					
463	Data Analysis Fundamentals using Excel 2016 (10994) (8432)	Intermediate	2 Days	\$1,950	20.00%	\$1,560
464	Analyzing Data with Excel 2016 (20779) (8433)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
83	Microsoft Access Introduction (970)	Introductory	4 Days	\$2,990	20.00%	\$2,392
84	Microsoft Office: Streamlining Tasks (972)	Introductory	3 Days	\$2,650	20.00%	\$2,120
117	Microsoft Excel Introduction (1361)	Introductory	3 Days	\$2,650	20.00%	\$2,120
118	Power Pivot for Excel: Mining Data for Business Intelligence (1362)	Intermediate	2 Days	\$1,950	20.00%	\$1,560
342	Creating & Designing Excel Workbooks (4610)	Introductory	1 Day	\$580	20.00%	\$464
343	Excel PivotTables: Building Dashboards (4611)	Introductory	1 Day	\$580	20.00%	\$464

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
344	Automating Excel with Macros (4612)	Introductory	1 Day	\$580	20.00%	\$464
346	Office 365 Overview (4616)	Introductory	1 Day	\$580	20.00%	\$464
347	Office 2016: Productivity and Collaboration (4617)	Introductory	1 Day	\$580	20.00%	\$464
373	The Power of PowerShell (4670)	Introductory	1 Day	\$580	20.00%	\$464
374	Advanced PowerShell Scripting (4672)	Advanced	1 Day	\$580	20.00%	\$464

For Microsoft Office course details, visit [LearningTree.com/MicrosoftOffice](https://www.learningtree.com/microsoftoffice)

Appendix C Line #	Microsoft					
471	Developing ASP.NET MVC 4 Web Applications (20486) (8440)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
472	Developing Microsoft Azure and Web Services (20487) (8441)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
461	Analyzing Data with PowerBI (20778) (8430)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
11	Power Excel: Analyzing Data to Make Business Decisions (195)	Intermediate	2 Days	\$1,950	20.00%	\$1,560
12	VBA Programming Introduction (209)	Introductory	4 Days	\$2,990	20.00%	\$2,392
81	Windows Server Group Policy Management (963)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
82	Windows PowerShell: Automating Administrative Tasks (969)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
177	Deploying and Managing Windows (2401)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
178	Windows Server 2012 Introduction (2410)	Introductory	4 Days	\$2,990	20.00%	\$2,392
179	Windows Server 2012 Administration (2411)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
180	Windows Server 2012 Active Directory Domain Services (2412)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
181	Microsoft Azure Infrastructure Services (2413)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
182	System Center 2012 Configuration Manager Introduction (2415)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
183	IIS 8.0/8.5 for Windows Server 2012 (2416)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
184	Windows Server 2012 Hyper-V Virtualization (2417)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
185	Windows 10: Configuration and Support (2420)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
186	Planning, Deploying and Managing Exchange Server 2013 (2502)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
299	Managing Security for Site Owners (4517)	Intermediate	1 Day	\$580	20.00%	\$464
375	Microsoft Deployment Toolkit (MDT) (4673)	Introductory	1 Day	\$580	20.00%	\$464
376	Microsoft Dynamics CRM (4674)	Introductory	1 Day	\$580	20.00%	\$464
377	Windows High Availability with Fault Tolerant Clusters (4677)	Intermediate	1 Day	\$580	20.00%	\$464

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
378	Active Directory Federation Services (ADFS) (4678)	Intermediate	1 Day	\$580	20.00%	\$464
405	Windows 10: What's New (4908)	Introductory	1 Day	\$580	20.00%	\$464
432	Installation, Storage and Compute with Windows Server 2016 (20740) (8401)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
433	Networking with Windows Server 2016 (20741) (8402)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
434	Identity with Windows Server 2016 (20742) (8403)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
435	Upgrading Your Skills to MCSA: Windows Server 2016 (20743) (8404)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
436	Securing Windows Server 2016 (20744) (8405)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
437	Implementing a Software-Defined Datacenter (20745) (8406)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
438	Integrating On-Premises Core Infrastructure with Microsoft Azure (10992) (8407)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
439	Integrating On-Premises Identity Infrastructure with Microsoft Azure (10993) (8408)	Intermediate	2 Days	\$1,950	20.00%	\$1,560
440	Microsoft Azure Fundamentals (10979) (8409)	Introductory	2 Days	\$1,950	20.00%	\$1,560
441	Developing Microsoft Azure Solutions (20532) (8410)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
442	Implementing Microsoft Azure Infrastructure Solutions (20533) (8411)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
443	Deploying Windows Desktops and Enterprise Applications (20695) (8412)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
444	Administering System Center Configuration Manager and Intune (20696) (8413)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
448	IT Service Management with System Center Service Manager (10965) (8417)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
450	Planning for & Managing Devices in the Enterprise: EMS & On- Premises Tools (20398) (8419)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
465	Core Solutions of Microsoft Skype for Business 2015 (20334) (8434)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
466	Administering Microsoft Exchange Server 2016 (20345-1) (8435)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
467	Designing and Deploying Microsoft Exchange Server 2016 (20345-2) (8436)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
468	Enabling & Managing Office 365 (20347) (8437)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
469	Planning and Administering SharePoint 2016 (20339-1) (8438)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
470	Advanced Technologies of SharePoint 2016 (20339-2) (8439)	Advanced	5 Days	\$3,190	20.00%	\$2,552
473	Installing and Configuring Windows Server 2012 (20410) (8442)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
474	Administering Windows Server 2012 (20411) (8443)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
475	Configuring Advanced Windows Server 2012 Services (20412) (8444)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
476	Implementing a Desktop Infrastructure (20415) (8445)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
477	Administering the Web Server (IIS) Roles of Windows Server (10972) (8446)	Intermediate	5 Days	\$3,190	20.00%	\$2,552

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
478	Server Virtualization with Windows Server Hyper-V and Systems Center (20409) (8447)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
479	Configuring and Deploying a Private Cloud (20247) (8448)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
480	Infrastructure Provisioning with System Center Virtual Machine Manager (10981) (8449)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
481	Deploying and Migrating Windows Server (10974) (8450)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
482	Fundamentals of Windows Server Infrastructure (10967) (8451)	Introductory	5 Days	\$3,190	20.00%	\$2,552
483	Implementing an Advanced Server Infrastructure (20414) (8452)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
484	Implementing Desktop Application Environments (20416) (8453)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
485	Networking with Windows Server (10970) (8454)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
486	Storage and High Availability with Windows Server (10971) (8455)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
487	Active Directory Services with Windows Server (10969) (8456)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
488	Monitoring and Operating a Private Cloud (20246) (8457)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
489	Planning and Deploying System Center 2012 (10748) (8458)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
490	Automating Administration with PowerShell (10961) (8459)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
491	Core Solutions of Microsoft Exchange Server 2013 (20341) (8460)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
492	Advanced Solutions of Microsoft Exchange Server 2013 (20342) (8461)	Advanced	5 Days	\$3,190	20.00%	\$2,552
493	Advanced Automated Administration with PowerShell (10962) (8462)	Advanced	3 Days	\$2,650	20.00%	\$2,120
494	Querying Microsoft SQL Server 2014 (20461) (8463)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
495	Administering Microsoft SQL Server 2014 Databases (20462) (8464)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
496	Implementing a Data Warehouse with Microsoft SQL Server 2014 (20463) (8465)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
497	Developing Microsoft SQL Server 2014 Databases (20464) (8466)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
498	Designing Solutions for Microsoft SQL Server 2014 (20465) (8467)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
499	Implementing Data Models and Reports with Microsoft SQL Server 2014 (20466) (8468)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
500	Designing Business Intelligence Solutions with Microsoft SQL Server 2014 (20467) (8469)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
506	Introduction to C# with Microsoft .NET (2609) (8475)	Introductory	5 Days	\$3,190	20.00%	\$2,552
507	Programming in C# (20483) (8476)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
408	Skype for Business (4918)	Introductory	1 Day	\$580	20.00%	\$464
427	Machine Learning with Azure™ (5047)	Intermediate	1 Day	\$580	20.00%	\$464

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
53	Application Development and Tuning for Oracle Databases (492)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
54	Oracle PL/SQL Programming (493)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
75	SQL Programming Language Introduction (925)	Introductory	3 Days	\$2,650	20.00%	\$2,120
167	Oracle Database 12c Introduction (2226)	Introductory	5 Days	\$3,190	20.00%	\$2,552
168	Oracle Database 12c Administration (2227)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
169	Oracle Database 12c Backup, Recovery and Server Tuning (2228)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
318	Writing SQL Queries (4551)	Introductory	1 Day	\$580	20.00%	\$464
380	Oracle Database 12c Disaster Recovery with Data Guard (4691)	Intermediate	1 Day	\$580	20.00%	\$464
381	Powerful SQL Queries for Oracle (4694)	Intermediate	1 Day	\$580	20.00%	\$464
382	Building Dynamic SQL Code with PL/SQL (4695)	Intermediate	1 Day	\$580	20.00%	\$464

For Oracle course details, visit [LearningTree.com/Oracle](https://www.learningtree.com/oracle)

Appendix C Line #	Project Management					
10	PRINCE2® Achieving Foundation & Practitioner Certification (177)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
19	Project Management Professional (PMP)® Exam Prep (276)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
22	Risk Management for Projects, Programs and Operations (286)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
23	Complex Project Management (287)	Advanced	4 Days	\$2,990	20.00%	\$2,392
28	Project Management: Skills for Success (296)	Introductory	4 Days	\$2,990	20.00%	\$2,392
37	Project Leadership: Building High-Performance Teams (346)	Introductory	4 Days	\$2,990	20.00%	\$2,392
73	SharePoint 2013: Creating a Project Management Information System (PMIS) (919)	Introductory	3 Days	\$2,650	20.00%	\$2,120
74	Project Time and Cost Management (923)	Introductory	4 Days	\$2,990	20.00%	\$2,392
253	Certified Associate in Project Management (CAPM)® Exam Prep (3601)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
255	Building and Evolving a Project Management Office (3610)	Introductory	3 Days	\$2,650	20.00%	\$2,120
256	Program Management: Essential Skills for Your Program Success (3611)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
264	Senior/Expert Program Management (3660)	Advanced	4 Days	\$2,990	20.00%	\$2,392
265	Senior/Expert Acquisition Management (3661)	Advanced	4 Days	\$2,990	20.00%	\$2,392
266	Senior/Expert Business Management for Government Applications (3662)	Advanced	4 Days	\$2,990	20.00%	\$2,392
268	Entry Project Management (3664)	Introductory	4 Days	\$2,990	20.00%	\$2,392
269	Entry Acquisition Management (3665)	Introductory	3 Days	\$2,650	20.00%	\$2,120
270	Entry Business Management for Government Applications (3666)	Introductory	3 Days	\$2,650	20.00%	\$2,120

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
271	Entry Leadership and Interpersonal Skills (3667)	Introductory	3 Days	\$2,650	20.00%	\$2,120
272	Journeyman Project/Program Management (3668)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
273	Journeyman Acquisition Management (3669)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
274	Journeyman Business Management for Government Applications (3670)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
275	Journeyman Leadership and Interpersonal Skills (3671)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
276	FAC-P/PM-IT: Planning and Management (3672)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
277	FAC-P/PM-IT: Architecture and Design (3673)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
279	Microsoft Project Introduction (3702)	Introductory	3 Days	\$2,650	20.00%	\$2,120
285	COBIT® 5 Foundation (3922)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
286	Defining IT Skills, Roles and Responsibilities using the SFIA Framework (3930)	Intermediate	1 Day	\$580	20.00%	\$464
287	IT Skills Assessment Workshop using the SFIA Framework (3931)	Intermediate	1 Day	\$580	20.00%	\$464
289	ITIL® Foundation Preparation - Part 1 (4101)	Introductory	1 Day	\$580	20.00%	\$464
290	ITIL® Foundation Preparation - Part 2 (4102)	Introductory	1 Day	\$580	20.00%	\$464
291	ITIL® Foundation Preparation - Part 3 (4103)	Introductory	1 Day	\$580	20.00%	\$464
345	Managing Large Initiatives with MS Project (4613)	Introductory	1 Day	\$580	20.00%	\$464
348	Project Management Fundamentals (4621)	Introductory	1 Day	\$580	20.00%	\$464
349	Earned Value Management (4623)	Advanced	1 Day	\$580	20.00%	\$464
350	Project Rescue (4624)	Intermediate	1 Day	\$580	20.00%	\$464
351	The Project Business Case (4625)	Introductory	1 Day	\$580	20.00%	\$464
352	Project Scope Management (4626)	Intermediate	1 Day	\$580	20.00%	\$464
353	Project Time Management (4627)	Intermediate	1 Day	\$580	20.00%	\$464
354	Project Communications and Stakeholder Management (4628)	Intermediate	1 Day	\$580	20.00%	\$464
355	Project Risk Management (4629)	Intermediate	1 Day	\$580	20.00%	\$464
356	Conflict Management for Project Managers (4632)	Intermediate	1 Day	\$580	20.00%	\$464
357	Negotiation Skills for Project Managers (4633)	Intermediate	1 Day	\$580	20.00%	\$464
406	Project Cost Management (4916)	Intermediate	1 Day	\$580	20.00%	\$464
407	Project Procurement Management (4917)	Intermediate	1 Day	\$580	20.00%	\$464
416	Innovation for IT Projects (4977)	Intermediate	1 Day	\$580	20.00%	\$464

For Project Management course details, visit [LearningTree.com/PM](https://www.LearningTree.com/PM)

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
Appendix C Line #	Python, Perl and C++					
402	Modern Perl Fundamentals (4890)	Introductory	1 Day	\$580	20.00%	\$464
430	C++14 New Features: How Are They More Effective? (5062)	Introductory	1 Day	\$580	20.00%	\$464
293	Introduction to Python for Data Analytics (4509)	Introductory	1 Day	\$580	20.00%	\$464
For Python course details, visit LearningTree.com/Python						
Appendix C Line #	SharePoint					
119	SharePoint Designer 2010: Building Applications & Workflows (1505)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
120	Developing InfoPath Forms for SharePoint (1507)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
121	SharePoint 2013 Technologies Introduction (1531)	Introductory	4 Days	\$2,990	20.00%	\$2,392
122	Administering SharePoint 2013 Server Farms (1532)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
123	SharePoint Designer 2013: Workflows & Data-Driven Solutions (1533)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
124	Building Code-Free Solutions for SharePoint 2013 (1534)	Introductory	4 Days	\$2,990	20.00%	\$2,392
125	Branding and Customizing SharePoint 2013 Sites (1535)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
126	Creating Dashboards with SharePoint (1536)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
127	SharePoint Information Architecture and Governance (1537)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
188	Developing Apps for SharePoint 2013 (2616)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
294	SharePoint 2013 Content Management for End Users (4510)	Introductory	1 Day	\$580	20.00%	\$464
295	SharePoint 2010 Content Management for End Users (4511)	Introductory	1 Day	\$580	20.00%	\$464
296	Implementing SharePoint 2013 Workflows (4512)	Intermediate	1 Day	\$580	20.00%	\$464
297	Nintex Workflow (4515)	Intermediate	1 Day	\$580	20.00%	\$464
298	SharePoint 2013 Enterprise Search (4516)	Intermediate	1 Day	\$580	20.00%	\$464
300	Managing SharePoint Publishing Sites for Site Owners (4518)	Intermediate	1 Day	\$580	20.00%	\$464
301	Implementing SharePoint Records Management (4519)	Intermediate	1 Day	\$580	20.00%	\$464
409	PowerShell for SharePoint Administrators (4930)	Intermediate	1 Day	\$580	20.00%	\$464
410	SharePoint 2016 New Features: Should I Upgrade? (4932)	Introductory	1 Day	\$580	20.00%	\$464
501	Core Solutions of Microsoft SharePoint Server 2013 (20331) (8470)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
502	Advanced Solutions of Microsoft SharePoint 2013 (20332) (8471)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
503	Developing SharePoint Server 2013 Core Solutions (20488) (8472)	Intermediate	5 Days	\$3,190	20.00%	\$2,552

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
445	Implementing and Managing Windows 10 (20697-1) (8414)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
446	Deploying and Managing Windows 10 Using Enterprise Services (20697- 2) (8415)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
447	Installing and Configuring Windows 10 (20698) (8416)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
449	Supporting and Troubleshooting Windows 10 (10982) (8418)	Intermediate	5 Days	\$3,190	20.00%	\$2,552

For Microsoft course details, visit [LearningTree.com/Microsoft](https://www.LearningTree.com/Microsoft)

Appendix C Line #	Networking and Virtualization					
418	Mac OS® X: Troubleshooting (5000)	Introductory	1 Day	\$580	20.00%	\$464
419	Mac OS® X: Diagnosing and Solving Performance Issues (5001)	Intermediate	1 Day	\$580	20.00%	\$464
420	Mac OS® X: Virtualization (5002)	Intermediate	1 Day	\$580	20.00%	\$464
421	Mac OS® X: Security (5003)	Intermediate	1 Day	\$580	20.00%	\$464
422	Mac OS® X: New Features (5004)	Introductory	1 Day	\$580	20.00%	\$464
423	iOS 8: New Features (5005)	Introductory	1 Day	\$580	20.00%	\$464
8	Virtualization Technologies Introduction (170)	Introductory	4 Days	\$2,990	20.00%	\$2,392
9	Deploying VMware vSphere (171)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
45	CompTIA A+ Certification Exam Prep (445)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
48	Introduction to Networking (450)	Introductory	4 Days	\$2,990	20.00%	\$2,392
49	Network Configuration and Troubleshooting (451)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
80	Integrating Mac OS X in the Enterprise (947)	Introductory	4 Days	\$2,990	20.00%	\$2,392
191	Troubleshooting VMware vSphere (2701)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
192	Introduction to Software-Defined Networking (SDN) (2705)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
193	Preparing for the CompTIA Network+ Certification Exam (2708)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
327	TCP/IP Network Address Fundamentals (4573)	Intermediate	1 Day	\$580	20.00%	\$464
328	Troubleshooting Switches, VLANs and Routers (4575)	Intermediate	1 Day	\$580	20.00%	\$464
393	Simplified IP Address Calculations (4846)	Introductory	1 Day	\$580	20.00%	\$464

For Networking and Visualization course details, visit [LearningTree.com/Networking](https://www.LearningTree.com/Networking)

Appendix C Line #	Oracle					
17	Developing SQL Queries for Oracle Databases (234)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
38	Relational Database Design, Tools and Techniques (382)	Introductory	4 Days	\$2,990	20.00%	\$2,392

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
504	Developing Microsoft SharePoint Server 2013 Advanced Solutions (20489) (8473)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
505	Microsoft Enterprise Search for IT Professionals (10802) (8474)	Intermediate	3 Days	\$2,650	20.00%	\$2,120

[For SharePoint course details, visit LearningTree.com/SharePoint](https://www.learningtree.com/SharePoint)

Appendix C Line #	Software Development
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15	User & System Requirements for Successful Software Development (218)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
30	Software Quality Assurance: Implementing Consistent Quality (312)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
32	ISTQB Certified Tester: Achieving Foundation Certification (316)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
34	Project Management for Software Development (340)	Introductory	4 Days	\$2,990	20.00%	\$2,392
35	Software Change, Configuration and Release Management (342)	Introductory	3 Days	\$2,650	20.00%	\$2,120
41	Service-Oriented Architecture (SOA) Introduction (424)	Introductory	3 Days	\$2,650	20.00%	\$2,120
129	User Experience (UX) Design for Successful Software (1802)	Introductory	3 Days	\$2,650	20.00%	\$2,120
130	Preparing for TOGAF® Certification (1803)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
138	Introduction to Software Testing (1830)	Introductory	3 Days	\$2,650	20.00%	\$2,120
397	Effective Software Testing Strategies (4876)	Intermediate	1 Day	\$580	20.00%	\$464
398	Introduction to Test-Driven Development (4879)	Introductory	1 Day	\$580	20.00%	\$464

[For Software Development course details, visit LearningTree.com/Software](https://www.learningtree.com/Software)

Appendix C Line #	SQL Server
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2	SQL Server Integration Services for Business Intelligence (134)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
3	SQL Server Analysis Services for Business Intelligence (139)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
4	SQL Server Reporting Services (140)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
5	SQL Server High Availability (141)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
61	SQL Server Transact-SQL Programming (532)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
62	Developing SQL Queries for SQL Server (534)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
63	Developing High-Performance SQL Server Databases (535)	Advanced	5 Days	\$3,190	20.00%	\$2,552
162	SQL Server 2012: Administration Skills Upgrade (2105)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
163	SQL Server Introduction (2107)	Introductory	4 Days	\$2,990	20.00%	\$2,392
164	SQL Server Database Administration (2108)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
165	SQL Server 2014 Performance Enhancements (2111)	Intermediate	3 Days	\$2,650	20.00%	\$2,120

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
166	Designing an Effective Data Warehouse (2191)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
317	Writing SQL Queries with SQL Server Management Studio (4550)	Introductory	1 Day	\$580	20.00%	\$464
319	Creating Analytical SQL Queries for SQL Server (4552)	Intermediate	1 Day	\$580	20.00%	\$464
320	SQL Server DBA Essentials (4553)	Introductory	1 Day	\$580	20.00%	\$464
321	Report Development with SQL Server Reporting Services (4556)	Introductory	1 Day	\$580	20.00%	\$464
322	Powerful SQL Queries for SQL Server (4559)	Intermediate	1 Day	\$580	20.00%	\$464
324	Writing Stored Procedures (4563)	Introductory	1 Day	\$580	20.00%	\$464
325	Getting Started with SQL Server and Azure (4566)	Introductory	1 Day	\$580	20.00%	\$464
326	MDX Query Fundamentals (4567)	Introductory	1 Day	\$580	20.00%	\$464
451	Querying SQL Server 2016 Data with Transact-SQL (20761) (8420)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
452	Developing SQL Server 2016 Databases (20762) (8421)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
453	Administering a SQL Server 2016 Database Infrastructure (20764) (8422)	Intermediate	5 Days	\$3,190	20.00%	\$2,552
454	Provisioning SQL Server 2016 Databases (20765) (8423)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
456	Developing SQL Server 2016 Data Models (20768) (8425)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
457	Introduction to SQL Server 2016 Databases (10985) (8426)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
458	Updating Your Skills to SQL Server 2016 (10986) (8427)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
459	Performance Tuning and Optimizing SQL Server 2016 Databases (10987) (8428)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
460	Managing SQL Server 2016 Business Intelligence Operations (10988) (8429)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
462	Analyzing Data with SQL Server 2016 Reporting Services (10990) (8431)	Intermediate	3 Days	\$2,650	20.00%	\$2,120

[For SQL Server course details, visit LearningTree.com/SQL](https://www.learningtree.com/SQL)

Appendix C Line #	Web Development					
43	Perl 5 Programming Introduction (431)	Introductory	4 Days	\$2,990	20.00%	\$2,392
51	Developing a Website (470)	Introductory	4 Days	\$2,990	20.00%	\$2,392
60	CSS3 for Responsive Web Design (522)	Introductory	4 Days	\$2,990	20.00%	\$2,392
65	XML Introduction (542)	Introductory	4 Days	\$2,990	20.00%	\$2,392
97	New Features in Angular (1069)	Introductory	1 Day	\$580	20.00%	\$464
128	jQuery Introduction (1610)	Introductory	4 Days	\$2,990	20.00%	\$2,392
140	Python Programming Introduction (1905)	Introductory	4 Days	\$2,990	20.00%	\$2,392

Appendix C Line #	Course Title	Level	Duration	MSRP/List Price	DIR Discount	DIR Price
141	Advanced Python: Best Practices and Design Patterns (1906)	Advanced	4 Days	\$2,990	20.00%	\$2,392
170	Mobile & Responsive Web Design (2315)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
171	JavaScript for Modern Web Development (2319)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
172	HTML5 Web Development with CSS3 and JavaScript (2320)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
173	Building Web Applications with AngularJS (2321)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
174	Building Web Applications with React (2322)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
175	ECMAScript Programming: The Next Generation JavaScript (2323)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
176	Building Web Applications with Angular 2 (2324)	Introductory	4 Days	\$2,990	20.00%	\$2,392
187	WCF, Web API and SignalR Services for .NET (2601)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
196	Android Application Development & Programming (2771)	Intermediate	4 Days	\$2,990	20.00%	\$2,392
197	Mobile Application and Device Security (2781)	Intermediate	3 Days	\$2,650	20.00%	\$2,120
311	Programming Graphics & Multimedia in HTML5 & CSS3 (4541)	Intermediate	1 Day	\$580	20.00%	\$464
312	Getting Started with HTML (4542)	Introductory	1 Day	\$580	20.00%	\$464
313	Developing Offline Applications with HTML5 (4543)	Intermediate	1 Day	\$580	20.00%	\$464
314	Getting to Know AngularJS (4544)	Introductory	1 Day	\$580	20.00%	\$464
315	Fundamentals of jQuery (4547)	Introductory	1 Day	\$580	20.00%	\$464
316	Configuring a Web Server (4548)	Intermediate	1 Day	\$580	20.00%	\$464
363	Introduction to Language Integrated Query (LINQ) (4650)	Introductory	1 Day	\$580	20.00%	\$464
379	Jumpstart to Programming (4680)	Introductory	1 Day	\$580	20.00%	\$464
389	Designing Web Application User Interfaces with Bootstrap (4731)	Introductory	1 Day	\$580	20.00%	\$464
390	Drupal Essentials (4737)	Introductory	1 Day	\$580	20.00%	\$464
391	Building Directives with AngularJS (4738)	Intermediate	1 Day	\$580	20.00%	\$464
392	Secure PHP Websites (4739)	Intermediate	1 Day	\$580	20.00%	\$464
237	WordPress - An Introduction (2958)	Introductory	2 Days	\$1,195	20.00%	\$956

[For Web Development course details, visit LearningTree.com/WebDev](https://www.learningtree.com/WebDev)

Onsite Technical Class

Course Duration	Commercial Private Rate (<10-attendees)	GSA/DIR Private Rate (<10-attendees)		GSA/DIR Attendee Pricing (per person>10)
1-Day Event	\$11,300	\$9,850	13%	\$460
2-Day Event	\$14,450	\$12,589	13%	\$550
3-Day Event	\$16,830	\$14,668	13%	\$640
4-Day Event	\$20,280	\$17,622	13%	\$730
5-Day Event	\$22,855	\$19,859	13%	\$820

Onsite Non-Technical Class

1-Day Event	\$8,110	\$7,075	13%	\$460
2-Day Event	\$11,247	\$9,797	13%	\$550
3-Day Event	\$16,830	\$12,589	25%	\$640
4-Day Event	\$20,280	\$15,290	25%	\$730
5-Day Event	\$22,855	\$17,067	25%	\$820

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Subject Matter Expert Support

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Max Sierra (maxwell_sierra@learningtree.com)

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