



Tooele Technical College

88 S Tooele Blvd, Tooele, UT 84074

435-248-1800

Certificate Syllabus		Software Development
Certificate 1 Year (Catalog Year: 2020)		
Tooele Tech Core (1200 hours required)		Hours
<i>Software Development Core (1200 hours required)</i>		<i>Hours</i>
<i>Introduction to Coding with JavaScript (SFTW2001)</i>		90.00
<i>Coding Concepts Using JavaScript - part 1 (1)</i>		21.00
<i>Coding Concepts Using JavaScript - part 2 (2)</i>		21.00
<i>JavaScript Practice Projects - Part 1 (3)</i>		24.00
<i>JavaScript Practice Projects - Part 2 (4)</i>		24.00
<i>Full Stack Web Developer - Part 1 (SFTW2010)</i>		90.00
<i>HTML (1)</i>		24.00
<i>CSS (2)</i>		18.00
<i>JavaScript (3)</i>		24.00
<i>Front-End Project (4)</i>		24.00
<i>Full Stack Web Developer - Part 2 (SFTW2015)</i>		90.00
<i>Node.js - Part 1 (1)</i>		22.00
<i>Node.js - Part 2 (2)</i>		22.00
<i>MongoDB (3)</i>		22.00
<i>Server-side Project (4)</i>		24.00
<i>Web Development with React (SFTW2020)</i>		90.00
<i>React Framework - Part 1 (1)</i>		22.00
<i>React Framework - Part 2 (2)</i>		22.00
<i>React Framework - Part 3 (3)</i>		22.00
<i>React Project (4)</i>		24.00
<i>Project Management (SFTW2030)</i>		90.00
<i>CompTIA Project+ (1)</i>		15.00
<i>Managing a Team - Part 1 (2)</i>		30.00
<i>Scrum (3)</i>		15.00
<i>Managing a Team - Part 2 (4)</i>		30.00
<i>User Interface, User Experience (UI/UX) (SFTW2040)</i>		90.00
<i>Graphic Design - Part 1 (1)</i>		22.00
<i>Graphic Design - Part 2 (2)</i>		22.00
<i>User Experience (3)</i>		22.00
<i>Prototyping (4)</i>		12.00
<i>Responsive Design (5)</i>		12.00
<i>Server-Side Administration (SFTW2050)</i>		90.00

<i>CompTIA Server+ (1)</i>	24.00
<i>CompTIA Linux+ (2)</i>	24.00
<i>Security for Developers (3)</i>	12.00
<i>Managing Developer Infrastructure - Part 1 (4)</i>	15.00
<i>Managing Developer Infrastructure - Part 2 (5)</i>	15.00
<i>Server-Side Scripting (SFTW2055)</i>	90.00
<i>Python - Part 1 (1)</i>	24.00
<i>Python - Part 2 (2)</i>	24.00
<i>PHP (3)</i>	24.00
<i>Building an API Gateway (4)</i>	18.00
<i>Databases and SQL (SFTW2060)</i>	90.00
<i>Relational Database Design (1)</i>	12.00
<i>MySQL (2)</i>	21.00
<i>PostgreSQL (3)</i>	21.00
<i>RDBMS Management (4)</i>	36.00
<i>DevOps (SFTW2070)</i>	90.00
<i>Understanding DevOps (1)</i>	14.00
<i>Container Management with Docker (2)</i>	16.00
<i>Test-driven Development in Practice (3)</i>	12.00
<i>Continuous Integration and Continuous Delivery in Practice (4)</i>	12.00
<i>Developing for and Deploying in the Cloud (5)</i>	36.00
<i>Mobile Development for iOS (Apple) (SFTW2080)</i>	100.00
<i>Using Xcode (1)</i>	12.00
<i>Swift (2)</i>	24.00
<i>Platform Frameworks and API's - Part 1 (3)</i>	32.00
<i>Platform Frameworks and API's - Part 2 (4)</i>	32.00
<i>Mobile Development for Android (SFTW2085)</i>	100.00
<i>Using Android Studio (1)</i>	12.00
<i>Java & Kotlin (2)</i>	24.00
<i>Platform Frameworks and API's - Part 1 (3)</i>	32.00
<i>Platform Frameworks and API's - Part 2 (4)</i>	32.00
<i>Mobile Development using React Native (SFTW2090)</i>	100.00
<i>React Native Tooling (1)</i>	12.00
<i>React Native Frameworks - Part 1 (2)</i>	32.00
<i>React Native Frameworks - Part 2 (3)</i>	32.00
<i>Creating Custom React Native Frameworks (4)</i>	24.00