RocketU Coding & Web Fundamentals Online Course
Semester   Summer
Dates   7/8/13 - 7/19/13
                        nroper@rocket-
Faculty   Nick Roper   space.com

Course Agenda - Week 1: 7/8/13 - 7/12/13

Date	Day	Start Time	End Time	Topic	Lab	Location	Faculty	Delivery Method
7/8/13	Mon	9:00AM PST	12:00PM PST	Course Introduction		Online	Nick Roper	WebEx
7/8/13	Mon	9:00AM PST	12:00PM PST	Web Fundamentals - Module 1		Online	Nick Roper	WebEx
7/8/13	Mon	9:00AM PST	12:00PM PST	Overview of the Web		Online	Nick Roper	WebEx
7/8/13	Mon	9:00AM PST	12:00PM PST	Building blocks - HTML, CSS & Javascript		Online	Nick Roper	WebEx
7/8/13	Mon	9:00AM PST	12:00PM PST	Introduction to browsers and servers		Online	Nick Roper	WebEx
7/8/13	Mon	9:00AM PST	12:00PM PST	W3C, Web Standards and validation		Online	Nick Roper	WebEx
7/8/13	Mon	9:00AM PST	12:00PM PST	HTML, CSS and Javascript primers	Yes	Online	Nick Roper	WebEx
7/8/13	Mon	9:00AM PST	12:00PM PST	Summary and Q&A		Online	Nick Roper	WebEx
7/9/13	Tues	9:00AM PST	12:00PM PST	Review of previous module		Online	Nick Roper	WebEx
7/9/13	Tues	9:00AM PST	12:00PM PST	HTML - Module 1		Online	Nick Roper	WebEx
7/9/13	Tues	9:00AM PST	12:00PM PST	History and development of HTML		Online	Nick Roper	WebEx
7/9/13	Tues	9:00AM PST	12:00PM PST	HTML tags, elements and attributes		Online	Nick Roper	WebEx
7/9/13	Tues	9:00AM PST	12:00PM PST	Doctypes		Online	Nick Roper	WebEx
7/9/13	Tues	9:00AM PST	12:00PM PST	Inroduction to the DOM		Online	Nick Roper	WebEx
7/9/13	Tues	9:00AM PST	12:00PM PST	Key document elements		Online	Nick Roper	WebEx
7/9/13	Tues	9:00AM PST	12:00PM PST	html, head, title, meta and body elements		Online	Nick Roper	WebEx
7/9/13	Tues	9:00AM PST	12:00PM PST	Headings , lists and links	Yes	Online	Nick Roper	WebEx
7/9/13	Tues	9:00AM PST	12:00PM PST	Summary and Q&A		Online	Nick Roper	WebEx
7/10/13	Wed	9:00AM PST	12:00PM PST	Review of previous module		Online	Nick Roper	WebEx
7/10/13	Wed	9:00AM PST	12:00PM PST	CSS - Module 1		Online	Nick Roper	WebEx
7/10/13	Wed	9:00AM PST	12:00PM PST	Introduction to CSS		Online	Nick Roper	WebEx
7/10/13	Wed	9:00AM PST	12:00PM PST	Introduction to stylesheets		Online	Nick Roper	WebEx
7/10/13	Wed	9:00AM PST	12:00PM PST	Internal, external and inline stylesheets		Online	Nick Roper	WebEx
7/10/13	Wed	9:00AM PST	12:00PM PST	The CSS cascade		Online	Nick Roper	WebEx
7/10/13	Wed	9:00AM PST	12:00PM PST	CSS rules, selectors and declarations		Online	Nick Roper	WebEx
7/10/13	Wed	9:00AM PST	12:00PM PST	Selectors - elements, ids and classes		Online	Nick Roper	WebEx
7/10/13	Wed	9:00AM PST	12:00PM PST	Grouping and nesting selectors	Yes	Online	Nick Roper	WebEx
7/10/13	Wed	9:00AM PST	12:00PM PST	Summary and Q&A		Online	Nick Roper	WebEx
7/11/13	Thurs	9:00AM PST	12:00PM PST	Review of previous module		Online	Nick Roper	WebEx

Date	Day	Start Time	End Time	Topic	Lab	Location	Faculty	Delivery Method
7/11/13	Thurs	9:00AM PST	12:00PM PST	HTML - Module 2		Online	Nick Roper	WebEx
7/11/13	Thurs	9:00AM PST	12:00PM PST	Formatting		Online	Nick Roper	WebEx
7/11/13	Thurs	9:00AM PST	12:00PM PST	Definition lists		Online	Nick Roper	WebEx
7/11/13	Thurs	9:00AM PST	12:00PM PST	Images		Online	Nick Roper	WebEx
7/11/13	Thurs	9:00AM PST	12:00PM PST	Tables		Online	Nick Roper	WebEx
7/11/13	Thurs	9:00AM PST	12:00PM PST	Forms		Online	Nick Roper	WebEx
7/11/13	Thurs	9:00AM PST	12:00PM PST	Abbreviations, quotations, addresses		Online	Nick Roper	WebEx
7/11/13	Thurs	9:00AM PST	12:00PM PST	Semantics		Online	Nick Roper	WebEx
7/11/13	Thurs	9:00AM PST	12:00PM PST	Introduction to HTML5	Yes	Online	Nick Roper	WebEx
7/11/13	Thurs	9:00AM PST	12:00PM PST	Summary and Q&A		Online	Nick Roper	WebEx
7/12/13	Fri	9:00AM PST	12:00PM PST	Review of previous module		Online	Nick Roper	WebEx
7/12/13	Fri	9:00AM PST	12:00PM PST	CSS - Module 2		Online	Nick Roper	WebEx
7/12/13	Fri	9:00AM PST	12:00PM PST	Selectors - attributes and pseudo classes		Online	Nick Roper	WebEx
7/12/13	Fri	9:00AM PST	12:00PM PST	Styling text, fonts and lists		Online	Nick Roper	WebEx
7/12/13	Fri	9:00AM PST	12:00PM PST	The CSS box model		Online	Nick Roper	WebEx
7/12/13	Fri	9:00AM PST	12:00PM PST	Margins and padding		Online	Nick Roper	WebEx
7/12/13	Fri	9:00AM PST	12:00PM PST	Borders and outlines		Online	Nick Roper	WebEx
7/12/13	Fri	9:00AM PST	12:00PM PST	Layout - floats		Online	Nick Roper	WebEx
7/12/13	Fri	9:00AM PST	12:00PM PST	Positioning		Online	Nick Roper	WebEx
7/12/13	Fri	9:00AM PST	12:00PM PST	Specificity		Online	Nick Roper	WebEx
7/12/13	Fri	9:00AM PST	12:00PM PST	Media types	Yes	Online	Nick Roper	WebEx
7/12/13	Fri	9:00AM PST	12:00PM PST	Summary and Q&A		Online	Nick Roper	WebEx
7/12/13	Fri	12:00 PM PST	12:00 PM PST	End Of Week One				

Course Agenda - Week 2: 7/15/13 - 7/19/13

Date	Day	Start Time	End Time	Topic	Lab	Location	Faculty	Delivery Method
7/15/13	Mon	9:00AM PST	12:00PM PST	Web Fundamentals - Module 2		Online	Nick Roper	WebEx
7/15/13	Mon	9:00AM PST	12:00PM PST	Web hosting		Online	Nick Roper	WebEx
7/15/13	Mon	9:00AM PST	12:00PM PST	Domains IP addresses and DNS		Online	Nick Roper	WebEx
7/15/13	Mon	9:00AM PST	12:00PM PST	Request response model		Online	Nick Roper	WebEx
7/15/13	Mon	9:00AM PST	12:00PM PST	TCP and HTTP primer		Online	Nick Roper	WebEx
7/15/13	Mon	9:00AM PST	12:00PM PST	Virtual hosting concepts		Online	Nick Roper	WebEx
7/15/13	Mon	9:00AM PST	12:00PM PST	Creating a local hosting environment	Yes	Online	Nick Roper	WebEx
7/15/13	Mon	9:00AM PST	12:00PM PST	Summary and Q&A		Online	Nick Roper	WebEx
7/16/13	Tues	9:00AM PST	12:00PM PST	Review of previous module		Online	Nick Roper	WebEx

Date	Day	Start	End	Topic		Location	Instructor	Platform
7/16/13	Tues	9:00AM PST	12:00PM PST	Coding basics		Online	Nick Roper	WebEx
7/16/13	Tues	9:00AM PST	12:00PM PST	Programs and scripts		Online	Nick Roper	WebEx
7/16/13	Tues	9:00AM PST	12:00PM PST	Statements and expressions		Online	Nick Roper	WebEx
7/16/13	Tues	9:00AM PST	12:00PM PST	Comments		Online	Nick Roper	WebEx
7/16/13	Tues	9:00AM PST	12:00PM PST	Variables and data types		Online	Nick Roper	WebEx
7/16/13	Tues	9:00AM PST	12:00PM PST	Conditional structures		Online	Nick Roper	WebEx
7/16/13	Tues	9:00AM PST	12:00PM PST	Looping structures		Online	Nick Roper	WebEx
7/16/13	Tues	9:00AM PST	12:00PM PST	Introduction to Functions	Yes	Online	Nick Roper	WebEx
7/16/13	Tues	9:00AM PST	12:00PM PST	Summary and Q&A		Online	Nick Roper	WebEx
7/17/13	Wed	9:00AM PST	12:00PM PST	Review of previous module		Online	Nick Roper	WebEx
7/17/13	Wed	9:00AM PST	12:00PM PST	Javascript - Module 1		Online	Nick Roper	WebEx
7/17/13	Wed	9:00AM PST	12:00PM PST	Introduction to Javascript		Online	Nick Roper	WebEx
7/17/13	Wed	9:00AM PST	12:00PM PST	Internal and external scripts		Online	Nick Roper	WebEx
7/17/13	Wed	9:00AM PST	12:00PM PST	Core syntax		Online	Nick Roper	WebEx
7/17/13	Wed	9:00AM PST	12:00PM PST	Statements and comments		Online	Nick Roper	WebEx
7/17/13	Wed	9:00AM PST	12:00PM PST	Variables and data types		Online	Nick Roper	WebEx
7/17/13	Wed	9:00AM PST	12:00PM PST	Operators and expressions		Online	Nick Roper	WebEx
7/17/13	Wed	9:00AM PST	12:00PM PST	Conditional and looping structures		Online	Nick Roper	WebEx
7/17/13	Wed	9:00AM PST	12:00PM PST	Interacting with the DOM	Yes	Online	Nick Roper	WebEx
7/17/13	Wed	9:00AM PST	12:00PM PST	Summary and Q&A		Online	Nick Roper	WebEx
7/18/13	Thurs	9:00AM PST	12:00PM PST	Review of previous module		Online	Nick Roper	WebEx
7/18/13	Thurs	9:00AM PST	12:00PM PST	Javascript - Module 2		Online	Nick Roper	WebEx
7/18/13	Thurs	9:00AM PST	12:00PM PST	Javascipt functions		Online	Nick Roper	WebEx
7/18/13	Thurs	9:00AM PST	12:00PM PST	Variable scope		Online	Nick Roper	WebEx
7/18/13	Thurs	9:00AM PST	12:00PM PST	DOM events and callbacks		Online	Nick Roper	WebEx
7/18/13	Thurs	9:00AM PST	12:00PM PST	Javascript objects		Online	Nick Roper	WebEx
7/18/13	Thurs	9:00AM PST	12:00PM PST	Arrays		Online	Nick Roper	WebEx
7/18/13	Thurs	9:00AM PST	12:00PM PST	Working with windows and screens		Online	Nick Roper	WebEx
7/18/13	Thurs	9:00AM PST	12:00PM PST	Interacting with the DOM and CSS	Yes	Online	Nick Roper	WebEx
7/18/13	Thurs	9:00AM PST	12:00PM PST	Summary and Q&A		Online	Nick Roper	WebEx
7/19/13	Fri	9:00AM PST	12:00PM PST	Review of previous module		Online	Nick Roper	WebEx
7/19/13	Fri	9:00AM PST	12:00PM PST	Introduction to jQuery		Online	Nick Roper	WebEx
7/19/13	Fri	9:00AM PST	12:00PM PST	Installing/linking jQuery		Online	Nick Roper	WebEx
7/19/13	Fri	9:00AM PST	12:00PM PST	The jQuery object		Online	Nick Roper	WebEx
7/19/13	Fri	9:00AM PST	12:00PM PST	Using jQuery selectors		Online	Nick Roper	WebEx

7/19/13	Fri	9:00AM PST	12:00PM PST	Basic animation - hide and show		Online	Nick Roper	WebEx
7/19/13	Fri	9:00AM PST	12:00PM PST	Getting and setting attributes and data		Online	Nick Roper	WebEx
7/19/13	Fri	9:00AM PST	12:00PM PST	jQuery and CSS	Yes	Online	Nick Roper	WebEx
7/19/13	Fri	9:00AM PST	12:00PM PST	Summary and Q&A		Online	Nick Roper	WebEx
7/19/13	Fri	12:00PM PST	12:00PM PST	End Of Course				