

2018-01-29 DotNet Boot Camp Curriculum

				<b>.Net BC</b>	
<b>WK</b>	<b>Day</b>	<b>Date</b>	<b>Topics</b>	<b>Area</b>	<b>Technology</b>
1	1	Mon 5/21	init, add, commit, push, pull, clone	SCM	Git/GitHub
1	2	Tue 5/22	overview, syntax, create, select, insert, update, delete	DB	SQL Server
1	3	Wed 5/23	primary key, foreign key, referential integrity	DB	SQL Server
1	4	Thu 5/24	PRS db structure, alter, drop, simple select, join	DB	SQL Server
1	5	Fri 5/25	subselect, outer join, union, sproc	DB	SQL Server
	*	Mon 5/28	MEMORIAL DAY - NO CLASS		
2	6	Tue 5/29	views, functions, security	DB	SQL Server
2	7	Wed 5/30	vs.net, namespace, class,	BE	C#.Net
2	8	Thu 5/31	types, variables, methods, access modifiers	BE	C#.Net
2	9	Fri 6/1	flow control, looping	BE	C#.Net
3	10	Mon 6/4	arrays, collections, indexing, enumeration	BE	C#.Net
3	11	Tue 6/5	OOP	BE	C#.Net
3	12	Wed 6/6	OOP (cont)	BE	C#.Net
3	13	Thu 6/7	executables, libraries	BE	C#.Net
3	14	Fri 6/8	accessing SQL: select, insert, update, delete, result set	BE	C#.Net
4	15	Mon 6/11	parameterized sql queries	BE	C#.Net
4	16	Tue 6/12	building and testing API library to SQL	BE	C#.Net
4	17	Wed 6/13	building and testing API library to SQL (cont)	BE	C#.Net
4	18	Thu 6/14	overview TDD	BE	Test Driven Dev
4	19	Fri 6/15	overview of unit testing, system testing	BE	Unit Testing
5	20	Mon 6/18	building an automated vs test suite	BE	Unit Testing
5	21	Tue 6/19	what is ef, its use, code first, powershell interface to e	BE	EntityFramework
5	22	Wed 6/20	decorating classes: required, maxlength, etc	BE	EntityFramework
5	23	Thu 6/21	lazy loading, referencing related entities	BE	EntityFramework
5	24	Fri 6/22	html syntax, tags, inline/block, attributes, css intro	FE	HTML/CSS
6	25	Mon 6/25	button, list, table, div, box, fonts, colors, sizes	FE	HTML/CSS
6	26	Tue 6/26	stylesheets, forms, input, select, checkbox, radio	FE	HTML/CSS
6	27	Wed 6/27	url link, multiple classes, buttons, tables, forms	FE	Bootstrap
6	28	Thu 6/28	url link, ready, selectors, actions, val(), text(), html()	FE	jQuery
6	29	Fri 6/29	syntax, types, functions, html events (onload, onclick)	FE	Javascript
	*	Mon 7/2	NO CLASS		
	*	Tue 7/3	NO CLASS		
	*	Wed 7/4	NO CLASS		
	*	Thu 7/5	NO CLASS		
	*	Fri 7/6	NO CLASS		
7	30	Mon 7/9	arrays, iterating arrays, objects	FE	Javascript
7	31	Tue 7/10	Professional Scrum Foundations Class	PFS	Scrum
7	32	Wed 7/11	Professional Scrum Foundations Class	PFS	Scrum
7	33	Thu 7/12	scope, parameters, return values, ajax	FE	Javascript
7	34	Fri 7/13	mvs explained, creating models, controllers, views	BE	MVC
8	35	Mon 7/16	view models, razor syntax	BE	MVC
8	36	Tue 7/17	mvc routing, navigating controllers, ViewBag	BE	MVC
8	37	Wed 7/18	json, browser testing, using postman	BE	WebAPI
8	38	Thu 7/19	testing insert, update & delete api	BE	WebAPI
8	39	Fri 7/20	Overview, tsc, syntax, let, public/private	FE	Typescript
9	40	Mon 7/23	classes, properties, methods, constructor, this	FE	Typescript
9	41	Tue 7/24	component architecture, imports, decorators, classes	FE	Angular
9	42	Wed 7/25	cli, comp hierarchies, selectors, templates, styles	FE	Angular
9	43	Thu 7/26	variables, methods, ngOnInit vs constructor	FE	Angular
9	44	Fri 7/27	binding events & variables, template forms	FE	Angular
10	45	Mon 7/30	modules, service, ajax, promises, observables	FE	Angular
10	46	Tue 7/31	SPA, router, app menus, directives	FE	Angular
10	47	Wed 8/1	Project Lab	CAP	Capstone
10	48	Thu 8/2	Project Lab	CAP	Capstone
10	49	Fri 8/3	Project Lab	CAP	Capstone
11	50	Mon 8/6	Final Day - Presentation of Projects		