



Utah System of Higher Education

The Gateway, Salt Lake City, UT 84101

801-646-4784

Curriculum Evaluation

Software Development

Certificate of Completion (Catalog Year: 2025, Required Hours: 630, Credits: 21)

Foundational Courses (Required Hours: 630, Credits: 21)

<i>Foundational Courses (Required Hours: 630, Credits: 21)</i>		Credits	Hours	Modules	Prerequisite Course Number(s)
TESD 1050	Job Seeking Skills	1.00	30.00	0	
TESD 1100	Client-side Web Development	4.00	120.00	0	
TESD 1400	Computer Programming	4.00	120.00	0	
TESD 1500	Database Development	4.00	120.00	0	
TESD 1700	Server-side Web Development	4.00	120.00	0	
TESD 1800	Software Development	4.00	120.00	0	

Supplemental Courses Varies by Institution (Required Hours: 0, Credits: 0)

<i>Bridgerland (Required Hours: 270, Credits: 9)</i>		Credits	Hours	Modules	Prerequisite Course Number(s)
TESD 1000	Frontend Framework	3.00	90.00	0	
TESD 1010	Backend Framework	3.00	90.00	0	
TEDA 1030	Python Programming	3.00	90.00	0	
TESD 1110	Prototyping and Design	3.00	90.00	0	
TESD 1510	Content Management Systems Essentials	3.00	90.00	0	
TESD 1900	Fullstack Integration	3.00	90.00	0	
TESD 2835	Software Development Capstone	3.00	90.00	0	

<i>Davis (Required Hours: 270, Credits: 9)</i>		Credits	Hours	Modules	Prerequisite Course Number(s)
TESD 1410	C++ Programming I	4.00	120.00	0	
TESD 1411	C++ Programming II	3.00	90.00	0	
TESD 1640	Mobile Development	4.00	120.00	0	
TESD 1930	Introduction to DevOps	1.00	30.00	0	
TESD 2840	Capstone Project	4.00	120.00	0	
TESD 2851	Special Project I	1.00	30.00	0	
TESD 2852	Special Project II	2.00	60.00	0	
TESD 2853	Special Project III	3.00	90.00	0	
TESD 2914	Software Development Externship	4.00	180.00	0	

<i>Ogden-Weber (Required Hours: 270, Credits: 9)</i>		Credits	Hours	Modules	Prerequisite Course Number(s)
TESD 1030	Foundations of Computing	4.00	120.00	0	
TESD 1040	Software Development Math	1.00	30.00	0	
TESD 1136	JavaScript	2.00	60.00	0	
TESD 2830	Capstone Project	2.00	60.00	0	

<i>Southwest (Required Hours: 270, Credits: 9)</i>		Credits	Hours	Modules	Prerequisite Course Number(s)
TESD 1180	Advanced Web Development	4.00	120.00	0	
TESD 1420	Advanced Java Programming	4.00	120.00	0	
TESD 1430	Python Programming	4.00	120.00	0	
TESD 1600	Android App Programming	4.00	120.00	0	

TESD 1620	Computer Game Programming	4.00	120.00	0	
TESD 2860	Final Advanced Project	4.00	120.00	0	
<i>Tooele (Required Hours: 270, Credits: 9)</i>		Credits	Hours	Modules	Prerequisite Course Number(s)
TESD 1020	Cloud Computing	3.00	90.00	0	
TESD 1440	C# Programming I	3.00	90.00	0	
TESD 1441	C# Programming II	3.00	90.00	0	
TESD 1810	Unit Testing and DevOps	2.00	60.00	0	
TESD 2870	Capstone Project	2.00	60.00	0	