

2 + 2 + 2 PROGRAM OF STUDY FOR Assabet Valley RTHS and New England Institute of Technology
 (Computer Programming & Web Development Program) **(Associate of Science in Game Development and Simulation Programming Technology)**

	9	10	11	12	Semester 1	Semester 2	Semester 3	Semester 4
English	College Prep English 9	College Prep English 10	College Prep English 11	College Prep English 12				
History & Social Studies	U.S. History I	U.S. History II	Modern World Geopolitics	Government and Society				
Science	Biology A Lab	Biology B Lab	Chemistry Lab	Physics Lab				
Math	Algebra I	Geometry	Algebra II	Intro to Calculus				
Foreign Lang Humanities/ Fine Arts Social Science	Spanish I	Spanish II	Elective Elective	Elective Elective				
Career Pathway	Computer Programming & Web Development	Computer Programming & Web Development	Computer Programming & Web Development	Computer Programming & Web Development	SE 110 Programming Essentials	SE 120 Intermediate Programming	SE 244 Database Design	SE 240 JavaScript – Client Side Development
Career Pathway					MWD 112 Digital Graphics	MWD 222 Design II	MWD 131 Web Animation	GDS 260 Game Architecture
Career Pathway					MWD 122 Design 1	MWD 124 2-D Animation	MWD 252 3D Animation	MWD 213 Interactive Multimedia
Career Pathway					GDS 130 Introduction to Game Hardware	GDS 240 Game Design	SE 250 C++	SE 416 Advanced C++
Work Based Learning				Co-Op				