

CREDIT TYPE	COURSE NAME	ACCN	CR	Term(s)	CLASS TIMES	PRE-REQUISITES	COURSE DESCRIPTION
ELEC	Leadership Training	XLP0010	0.5	Q1	ONLINE	Required course for 7th Graders; Concurrent enrollment with English and Social Studies teachers	This multidisciplinary course helps students develop communication, group process and leadership skills. Student leaders develop and apply techniques of leading, planning, organizing, conducting, and evaluating, including problem-solving and critical thinking. Emphasis is on authentic learning with student participation and involvement with current issues. Application of leadership is taught as a function that can be performed by any member of a group or shared by several at one time.
ELEC	7th Grade Independent Project	LLH0222	0.5	Q4	ONLINE (Some face to face time may be required)	Required course for 7th Graders; Concurrent enrollment with English and Social Studies teachers	This course provides additional instruction and support, where needed, to help students achieve the standards for the three strands of the language arts: reading, writing, and oral communication. Instruction will be differentiated as appropriate for the needs of the students enrolled. There is an emphasis on the processes involved in the language arts strands with a focus on scaffolded practice with increasingly sophisticated materials. Whole-class lessons, mini-lessons, and individualized instruction will be incorporated as indicated by the teacher's diagnosis of needs.
ELEC	English Language Arts 8B Lab -- History Day	LLH0321	0.5	Q2	ONLINE	Required course for 8th Graders; Concurrent enrollment with English and Social Studies teachers	This course provides additional instruction and support, where needed, to help students achieve the standards for the three strands of the language arts: reading, writing, and oral communication. Instruction will be differentiated as appropriate for the needs of the students enrolled. There is an emphasis on the processes involved in the language arts strands with a focus on scaffolded practice with increasingly sophisticated materials. Whole-class lessons, mini-lessons, and individualized instruction will be incorporated as indicated by the teacher's diagnosis of needs.
ELEC	English Language Arts 8B Lab -- Speech	LLH0322	0.5	Q4	ONLINE	Required course for 8th Graders; Concurrent enrollment with English and Social Studies teachers	This course provides additional instruction and support in the three strands of the language arts; reading, writing, and oral communication. Emphasis is on helping students develop confidence and a willingness to express themselves orally, share their ideas, and listen openly and critically. Students will develop informal language used in conversation and discussion and formal language used in speeches, interviews, and oral presentations. Students will develop effective use of language, become responsive and critical listeners, and gain insights about themselves as communicators.
ELEC	Introduction to Technology Education	TMG0410	0.5	Q1	ONLINE	7th Grade Only	This course is an introductory study of industry and technology. Learning experiences involve activities in one or more of the following systems of technology: communication, construction, manufacturing, transportation, and biotechnology and provide opportunities for creativity, problem solving, and cooperative/collaborative learning. *REQUIRED
ELEC	Computer Literacy	TMG0501/ TMG0511	0.5/0.5	Q3/Q4	ONLINE	7th Grade Only	This course is for those students who either have not had enough prior experience with using computers to be considered computer literate, or for those who wish to extend their knowledge of the basics of computer literacy. Emphasis on this course shall be on careers that involve information access, information processing, information management, and communication of information. Course is required for all 7th grade students
ELEC	Computer Literacy	EXS1200	0.5	Q2	ONLINE	Required course for new incoming 8th grade students (does not include current grade 7 students enrolled in MBTA's 7th grade program)	This course is for those students who either have not had enough prior experience with using computers to be considered computer literate, or for those who wish to extend their knowledge of the basics of computer literacy. Emphasis on this course shall be on careers that involve information access, information processing, information management, and communication of information. Course is required.

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ELEC	Introduction to Computer Science A	EXS0100	0.5	Q2	ONLINE	8th Grade Only	This course introduces students to the fundamental computer science concepts and skills. Students will have opportunities to apply them in a problem-solving context. Computer science concepts covered may include programming, networking and/or cybersecurity. Students will have opportunities to learn and apply computational problem-solving skills. * REQUIRED
ELEC	Introduction to Computer Science B	EXS0110	0.5	Q4	ONLINE	8th Grade Only	This course will cover the more advanced computer science concepts and skills. Students will have opportunities to apply them in a problem-solving context. Computer science concepts covered may include programming, networking, and/or cybersecurity. Students will have opportunities to learn and apply computational problem-solving skills. *REQUIRED