

Fall 2020 Late Start Online Courses

Tuition-free college courses
for qualified high school students in grades 9-12.



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Course Number	Subject	Number	Title	Credits	Professor Last Name	Start Date	End Date	Modality	Prerequisites
51776	BIO	117	This is Life!	4	Heck	9/28/2020	1/15/2021	Asynchronous*	-
51779	ENG	101	Composition & Presentation I	3	Hepler	9/28/2020	1/15/2021	Asynchronous*	-
41059	MAT	113	Intro to Statistics	3	Roberts	9/28/2020	1/15/2021	Asynchronous*	-
41112	PSY	110	Intro to Psychology	3	Litman	9/28/2020	1/15/2021	Asynchronous*	-

Schedule is subject to change. A regularly updated schedule can be found at <https://machias.edu/earlycollege/courses/fall/>

*Asynchronous: Course activity is not organized around scheduled class times.

BIO 117: This is Life!

This introductory course in general biology for both majors and non-majors is organized around the characteristics of life. Topics covered include cellularity, homeostasis, growth, development, reproduction, genetics, response to stimuli, ecology and evolution. The inquiry-based laboratory provides opportunities for students to participate in hands-on investigations into these topics. 4 credits.

ENG 101: Composition & Presentation 1

This course helps students adapt and develop their existing reading, writing, and critical thinking skills to support their learning in college. Using a recursive, multi-draft process, students negotiate purpose, audience, context and conventions as they compose a variety of texts for different situations. Students read complex texts and practice critical reading skills. The course also provides an introduction to research through hands-on methods such as interviewing and collecting documents. This course cultivates a reflective awareness of how to adapt the skills and practices of college composition to other academic disciplines and to new situations beyond the classroom. 3 credits.

MAT 113: Intro to Statistics

Designed for students who need a reading knowledge of introductory statistical concepts, this course focuses on basic concepts and methods of statistics: data analysis, data production, and statistical inference. Data analysis concerns the methods for exploring, organizing, and describing data. Data production looks at methods for producing data to answer specific questions. Statistical inference moves beyond the data to draw conclusions about a wider universe, taking into account that conclusions are uncertain. To describe and understand statistical inference, a limited introduction to probability is presented. The class is taught in a computer classroom using statistical software extensively for classroom demonstration, homework assignments, and student tutorials. 3 credits.

PSY 110: Intro to Psychology

An introduction to the scientific study of behavior including a survey of all the major areas of inquiry pursued by psychologists-history, methods, physiological aspects, perception, learning, memory, cognition, emotion, motivation, consciousness, personality, abnormal behavior and therapies, and social processes. Unless otherwise noted, this course is a prerequisite to all other psychology courses. 3 credits.

For more information contact:

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