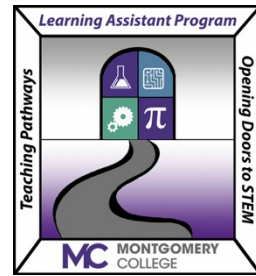


STEM Learning Assistant Program



Love STEM? (Science, Technology, Engineering, and/or Math)

Love helping other students and being a peer-model for student success?

Ever think of being a teacher?

The LA Program has opportunities for students to provide hands-on classroom assistance, mini-lessons, study sessions, and other learning support in classrooms and laboratories in a variety of courses across all STEM fields at Montgomery College. You will be paired one-on-one to work with a faculty mentor to assist in a STEM course throughout the semester.

- Learning Assistants are paid and receive a stipend for the semester.
- Semester appointments have a 5-6 hour per week commitment.
- Applications are reviewed by the program director and faculty mentors. Selected candidates are interviewed before final selections are made.

If you are interested in this opportunity or would like more information, please go to www.montgomerycollege.edu/LAProgram for more details where you can download the application, see available courses, and watch a video of LAs in action in STEM classrooms and labs.

For further information, contact Dr. Carolyn Schick, Learning Assistant Program Director at Carolyn.Schick@montgomerycollege.edu

Program requirements: You must have completed at least one semester at Montgomery College before serving a Learning Assistant. You must also be enrolled in at least 6 credits during the semester you wish to be a Learning Assistant. You cannot be a Learning Assistant for a professor and take another class from that same professor during the same semester.

LA **Sample** Listing of Courses

(please note the campus for each offering)

Ver. 1

Course	Prerequisites	Duties	Required attendance
BIOL 150 Principles of Biology I Takoma Park/ Silver Spring	Completion of BIOL 150 with 'A' or 'B'.	Assist in the laboratory; guide group work in lecture; present mini- lectures and pre-labs; lead weekly study and review sessions.	M 2:30-5:10pm plus MW 1:00-2:15pm as needed
BIOL 212 Human Anatomy and Physiology I Germantown	Completion of BIOL 212 with 'A' within the last 3 years.	Provide one-on-one and group assistance during lab; promote discussion with students in lab; lead study and review sessions outside of class.	MW 3:00-4:40pm <u>or</u> TR 7:00-8:40pm
CHEM 131 Principles of Chemistry I Takoma Park/ Silver Spring	Completion of CHEM 131 with 'A' or 'B'; Completion of CHEM 132 (preferred).	Assist students with problem-solving, lab setup, technique, and post-lab analysis; facilitate discussion between students in group-work setting in class; present mini pre-lab lectures.	M 12:20-2:50pm and W 12:20-1:10pm
CHEM 135 General Chemistry for Engineers Rockville	Completion of CHEM 135 with 'A' or completion of CHEM 131 and CHEM 132 with 'A' or 'B'.	Assist students with their experiments in the laboratory; give mini- presentations on selected topics; lead study sessions outside of class.	T 2:00-4:00pm and F 10:00-11:50am

Course	Prerequisites	Duties	Required attendance
CHEM 203 Organic Chemistry I Takoma Park/ Silver Spring	Completion of CHEM 203 with 'A' or 'B'.	Assist students with problem-solving, lab setup and technique; give mini-pre-lab lectures periodically; lead review and study sessions.	R 1:00-5:30pm
CMSC 140 Introduction to Programming Rockville	Knowledge of C++ beyond CMSC 140.	Assist students in class; participate in online class discussions; help students with coding questions; present mini-lectures in class; facilitate study sessions for students.	TR 11:00am-12:15pm
CMSC 203 Computer Science I Rockville	Completion of CMSC 140 and CMSC 203 with 'A' or 'B'.	Assist students in their work by answering questions and guiding with problem solving; present mini-lectures in class; lead study and review sessions outside of class.	TR 2:00-3:30pm
ENES 100 Introduction to Engineering Design Rockville	Completion of ENES 100 with 'A' or 'B'; Competency with CREO, Excel, engineering graphics concepts and engineering design.	Provide guidance and assistance during class and with projects in lab; present mini-lectures.	MW 11:00am-12:50pm

Course	Prerequisites	Duties	Required attendance
MATH 117 Elements of Statistics Rockville	Completion of MATH 117 (or MATH 217) with 'A'; Completion of MATH 150 or MATH 165 with 'A' or 'B'.	Assist students with activities during class; support students with the on-line software component; lead review sessions; give mini-lectures in class.	MW 1:00-3:10pm <u>or</u> TR 11:00am-1:10pm
MATH 181 Calculus I Germantown	Completion of MATH 181 or higher with 'A' or 'B'.	Assist students to complete in-class assignments; hold study sessions; give mini-lectures in class; answer questions and provide support with software component of course.	MWF 8:25-9:50am
MATH 182 Calculus II Rockville	Completion of MATH 182 or higher with 'A' or 'B'.	Assist students during group work assignments in class; lead study and review sessions outside of class.	MWF 11:00am-12:25pm
PHYS 161 General Physics I Germantown	Completion of PHYS 161 with 'A' or 'B'.	Facilitate small group discussion in class; present mini-lectures in class; provide peer support; lead review sessions outside of class.	MW 10:00-11:50am