

Workshop: Introduction to Programming using Python



Date(s): Monday, June 8, 2020
Tuesday, June 9, 2020
Wednesday, June 10, 2020
8:30 am. - 12:30 pm.

Location: Huntington University
Dowden Science Hall
2120 College Avenue
Huntington, IN 46750

Instructor: Dr. Jeff Lehman
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260 359-4209 (office)

Description

This workshop is for middle school and high school STEM educators that would like to learn the basics of programming using Python 3. Workshop introduces data types and variables, control structures (sequencing, looping, branching) and modularity using functions. Algorithm development, testing, and documentation will be integrated. Students will complete sample exercises to illustrate each concept.

Workshop content covers Introduction to Computer Science (ICS) standards **ICS-2.1 to ICS-2.9** recommended for grade 9 and Computer Science - Middle Level standard **6-8.PA.2** recommended for grade levels 6 to 8.

Each participant will receive a printed packet of information.

Prerequisites

No prior coding experience needed.

Participants are asked to bring their laptops to the workshop. Macintosh or Windows may be used.

Free software will be downloaded and installed as part of the workshop presentation.

Snacks provided.