

Teacher Workshop: Understand Your Models – Integrate Computer Science into STE(A)M LESSONS



Registration Deadline: Tuesday, June 10, 2019

Program Dates: Monday, July 8 – Thursday, July 11, 2019 (4 days)

Program Schedule:

July 8 (morning): All-person meeting for teacher participants, administrators and SBU faculty
July 8(afternoon) – July 11: Hands-on sessions on STEM+Computer Science integration

- **Start a partnership with SBU science faculty**
- **Bring a school administrator**
- **Develop activities that take your students to the next level**
- **Earn a CTLE certificate (up to 27 hours—provided through CA-BOCES)**

For registration, please contact
CA-BOCES.

For program details, please contact:

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Program Description

St. Bonaventure University invites K-12 math and science teachers to a 5th annual workshop on campus July 8-11, 2019. This year's topic is

UNDERSTAND YOUR MODELS – INTEGRATE COMPUTER SCIENCE INTO STE(A)M LESSONS

Instructors: SBU faculty and student.

The goals of this workshop are:

- (1) To bring **K-12 science teachers, school administrators** and **SBU science faculty** together for a continuing discussion on bridging the gap between middle/high school and college STE(A)M education. Any challenges recognized from the discussion can lead to opportunities for networking and new partnerships between middle/high school and SBU math and science departments and/or between middle/high schools for both short-term and long-term purposes.
- (2) To provide a **hands-on experience** for middle/high teachers to develop integrative lessons. These activities are designed to be transferable to K-12 classroom to provoke student interests and increase their preparations in the STEM field that is in high demand.

Program Schedule:

	July 8th (Monday)	July 9th (Tuesday)	July 10th (Wednesday)	July 11th (Thursday)
9AM-12PM	Round-Table Discussion	Lab Development	Lab Development	Lab Development
12PM-1PM	LUNCH BREAK (career talks & lunch provided)			
1PM-3PM	Lab Development	Lab Development	Lab Development	Teacher Presentations

Field Trip – July 16: Rowell Park Cancer Institute (hospital and Center for Personalized Medicine)

Space is limited. Please register early!

CTLE Credits: CA-BOCES will provide up to 27 hours of NYS Continuing Teacher/Leader Education (CTLE) credits.