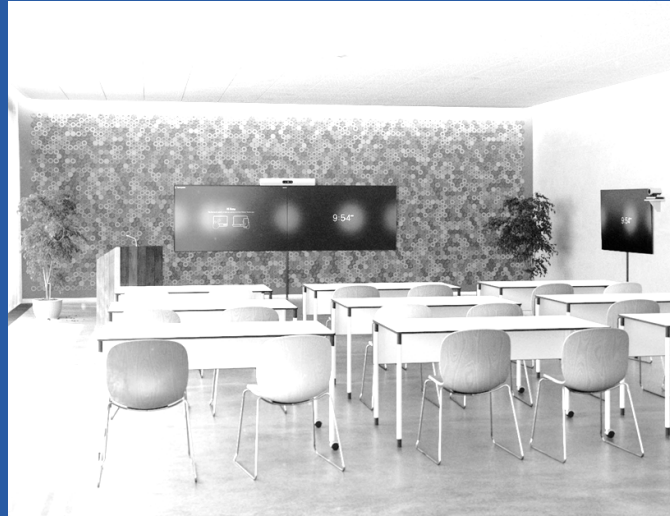


# Synchronous Classrooms at FLCC



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COMMUNITY COLLEGE

Success. It's In Our Nature.

# STC 2019 Presenters

Rob Finger, Network Administrator

Robin Campo, Coordinator of IT Services  
and Instructional Technology

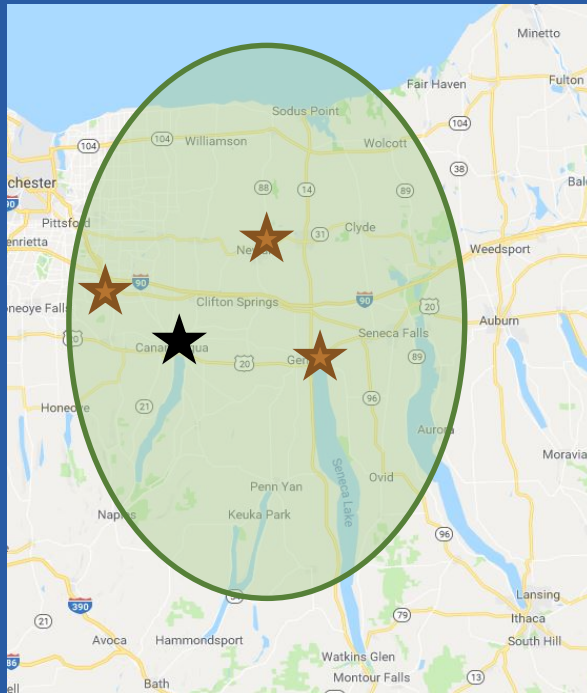
Cheryl Ten Eyck, Manager of Instructional  
Technology



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# FLCC Serves Four Rural Counties with Four Campus Centers

**Counties:** Ontario, Wayne, Seneca, Yates



## Campus Centers

1. Canandaigua
2. Newark
3. Geneva
4. Victor

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# Degree Completion in Rural Areas Made Challenging by:

- Limited transportation issues
- Distances between campus
- Limited course offerings at campus centers



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# Dr. Robert K. Nye, President (2016-present)



To address retention issues, in March 2017 Dr. Nye set a goal for FLCC to offer a minimum of 3 classes synchronously between the Canandaigua and Campus Centers by Fall 2017.



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# FLCC Synchronous Classes

Initiative began in March '17

Goal:

Offer 3 classes synchronously Fall '17

**Six Month Deadline!**



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# FLCC Synchronous Classes

## Ten Steps to Success

### **1. Assemble Planning Team**

Faculty

Instructional Technology

IT & Networking

Facilities

Anyone with knowledge and/or interest!



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# FLCC Synchronous Classes

## Ten Steps to Success

### 2. Develop Specifications

- Must be intuitive/*easy as dialing the phone*
- Must integrate with existing classroom technology
- Instructor & students at both ends must be able to hear & see each other clearly
- Hands off operation at remote sites
- All rooms need to be identical



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# FLCC Synchronous Classes

## Ten Steps to Success

### **3. Identify Potential Solutions**

Cisco Spark

Infocus Mondopad

Polycom

### **4. “Bring me a Buick!” Dr. Nye**

(Cisco’s Speaker Tracking beat out all others)



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# FLCC Synchronous Classes

## Ten Steps to Success

### **5. Design and Quotes**

Identify Rooms

### **6. Equipment lead times/backorders!**

(Hurry up and wait!)

### **7. Logistics**

Identify Pilot Courses

Identify Instructors



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# FLCC Synchronous Classes

## Ten Steps to Success

### **8. Installation & Testing**

Canandaigua

Victor

Newark

### **9. Training**

Instructional Tech Staff

IT Support Staff

Faculty

(3 days before classes started!! )



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# FLCC Synchronous Classes

## Ten Steps to Success

### *10. Continuous Improvement*

Since Fall '17 we have significantly improved:

- Stability
- Faculty Prep/Training
- Response/Reaction Time
- Communication Paths
- Increased support during semester startup



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# FLCC Synchronous Classes As of Spring '19

- FLCC has five Synchronous Classrooms (added Geneva Campus & 2<sup>nd</sup> Room at Main Campus)
- 17 Synch Courses ran Spring '19 (36 instances per week)
- Four Evening Classes
- Multisite Class Capability (one to two, three, or four)
- WebEx Capability for Offsite Access
- 22 Synch Courses Fall '19 including Saturdays (53 instances per week)



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# FLCC Synchronous Classes



Hello,  
Robin!

And now let's flip the  
classroom....



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# FLCC Synchronous Classes

## Standard Room Setup

- Instructors PC/Document Camera/Laptop Connection
- Projector/Smart Board
- “Room View” Cameras/Speaker Track
- “Presenter View” Camera
- Remote Room Monitor(s) (front & rear)
- Ceiling Mic(s)
- White Board
- Touch Ten Control Pad



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# FLCC Synchronous Classes

## Lessons Learned

- Start Early
- Importance of LMS
- Prepare Faculty to be flexible, not necessarily technical
- Not all courses lend themselves to this format
- **No configuration changes during the semester!**
- Have spare parts
- Cisco Option Key – Remote Monitoring
- Have a great partner!



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# FLCC Synchronous Classes Program Evolution – Room Kit



Room  
Kit

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# FLCC Synchronous Program



# Questions?

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