

# Addressing CE Disparity in Rural Areas through Interactive Video Conferencing

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with special guest appearance by Prof. Sandra Cox



**SNOW COLLEGE**

[www.snow.edu/ce](http://www.snow.edu/ce)



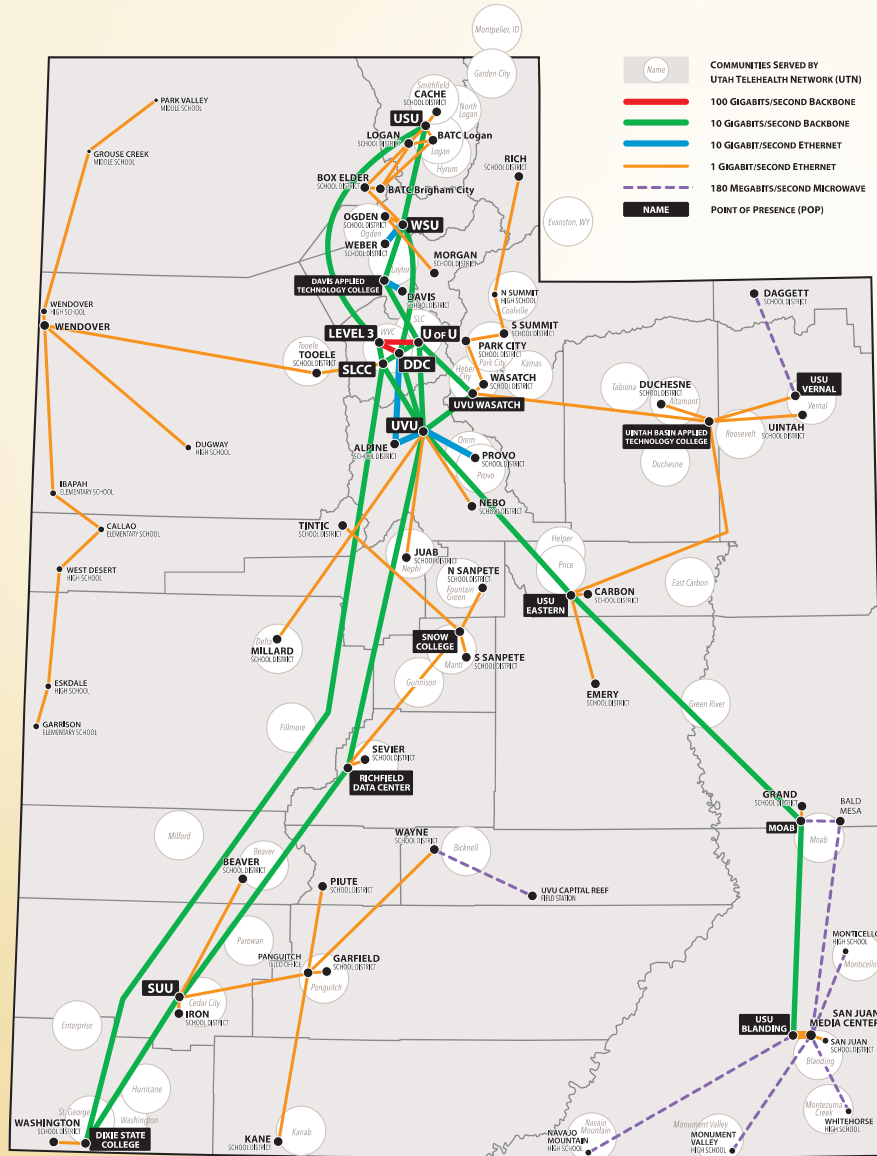
UTAH EDUCATION NETWORK  
[WWW.UEN.ORG](http://WWW.UEN.ORG)

# A Brief History of Utah Education and Telehealth Network (UETN)

- 1989 – Utah Legislature formally creates the Utah Education Network as the state-wide delivery system for Education
- 1994 – First data network centralized under UEN
- 1997 – State libraries join UEN
- 2013 – Utah Telehealth Network is combined with UEN to form UETN

# UETN Infrastructure Map

## Connecting 1447 locations



# UEN Support to End-Sites

Installation:



Infrastructure:

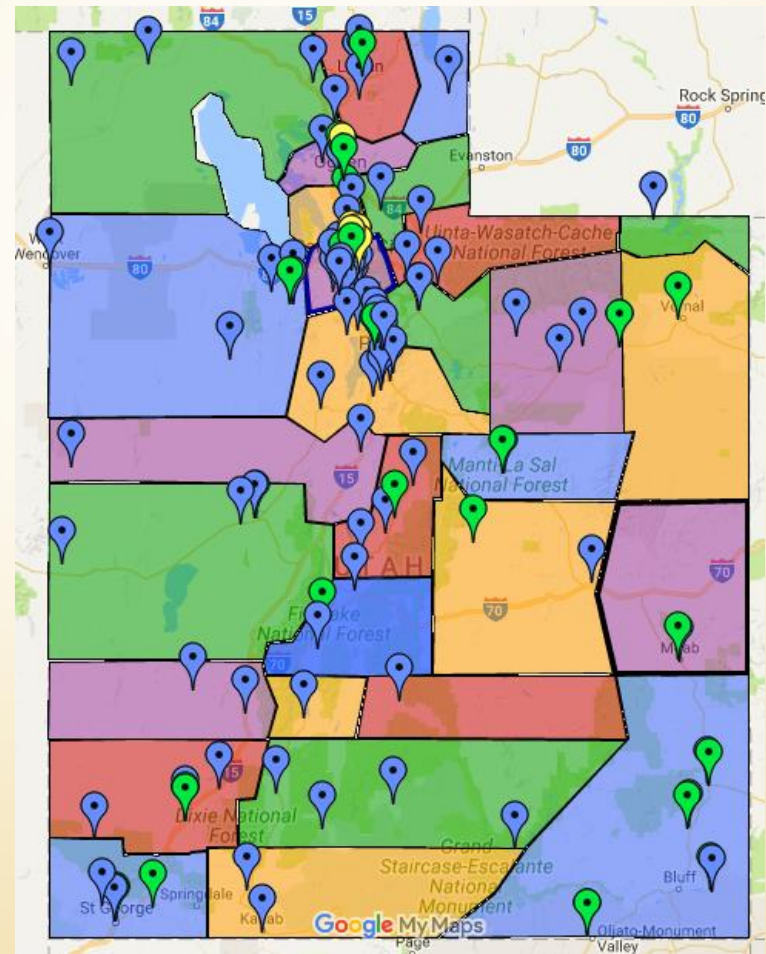


Technical Support:



# UEN Interactive Video Conferencing

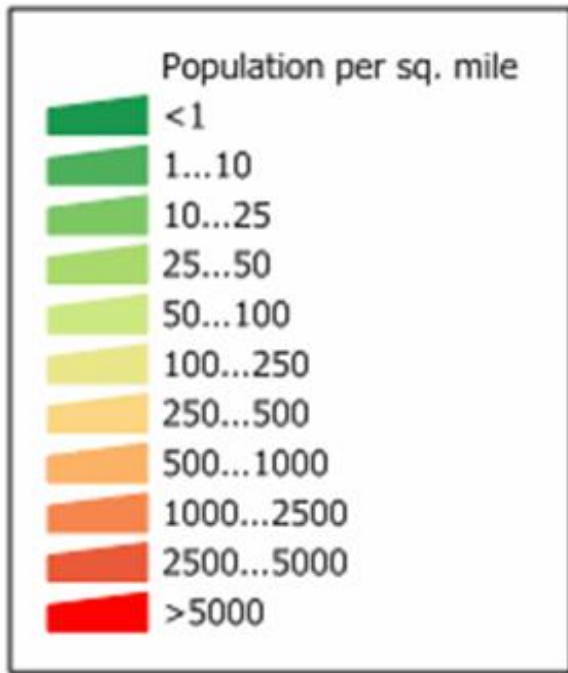
- Over 1250 IVC rooms
- 300-350 IVC events/day
- 5-15 sites/event average
- March 2017:
  - 670 Different Courses
  - 6333 Unique Events
- 1224 Desktop clients
  - 1000+ Events & Meetings



# Some Fun Reading!

Utah Code, Title 53A, Chapter 17a, Section 102 (1) recognizes "that all children of the state are entitled to reasonably equal educational opportunities regardless of their place of residence in the state and of the economic situation of their respective school districts or other agencies."

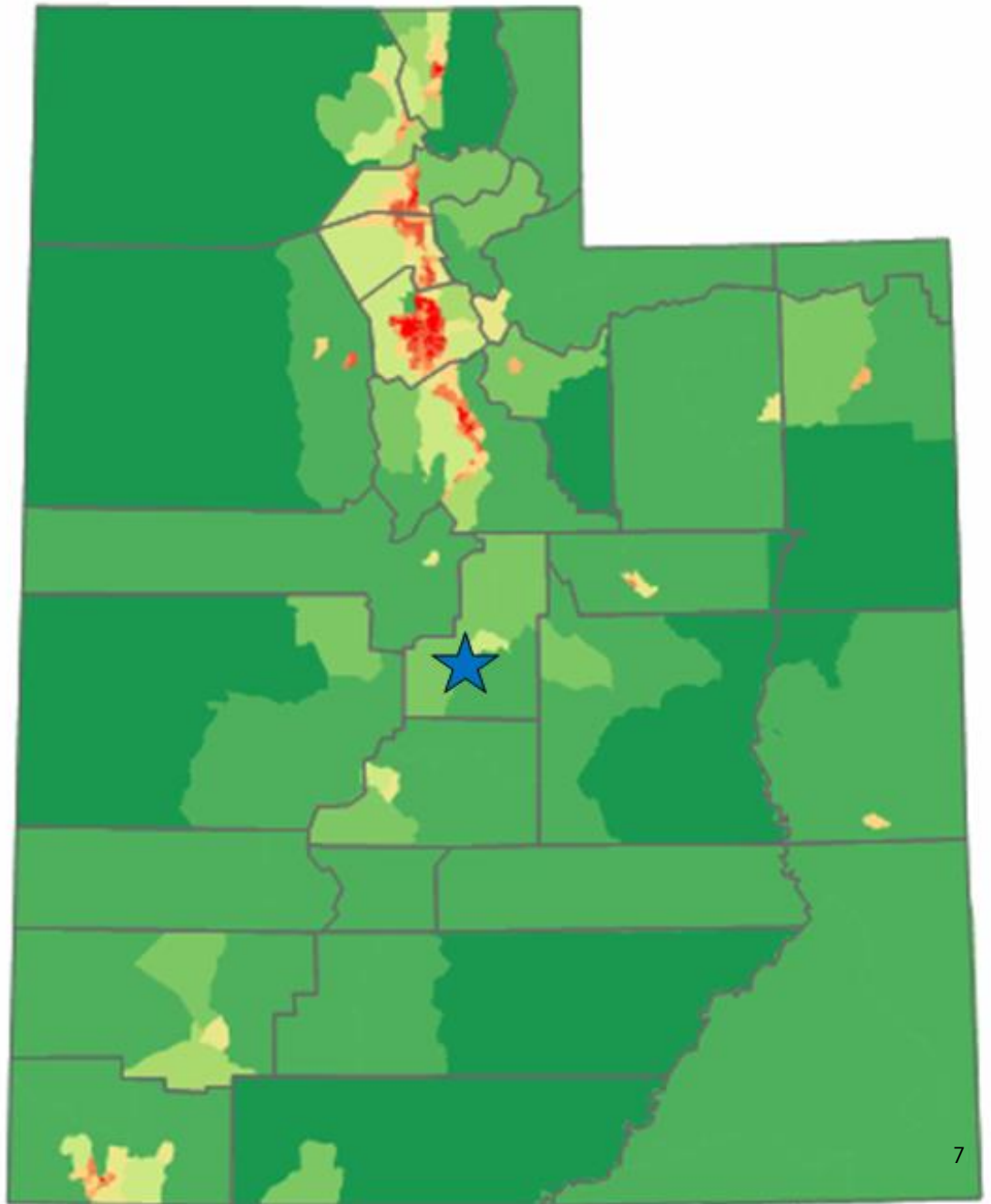


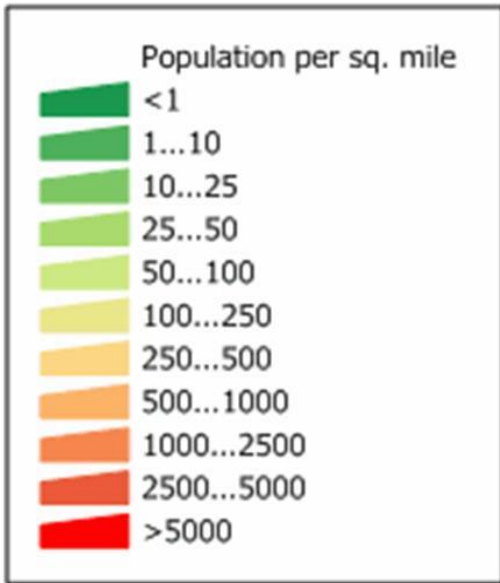


## UTAH

### POPULATION DENSITY

 Snow College

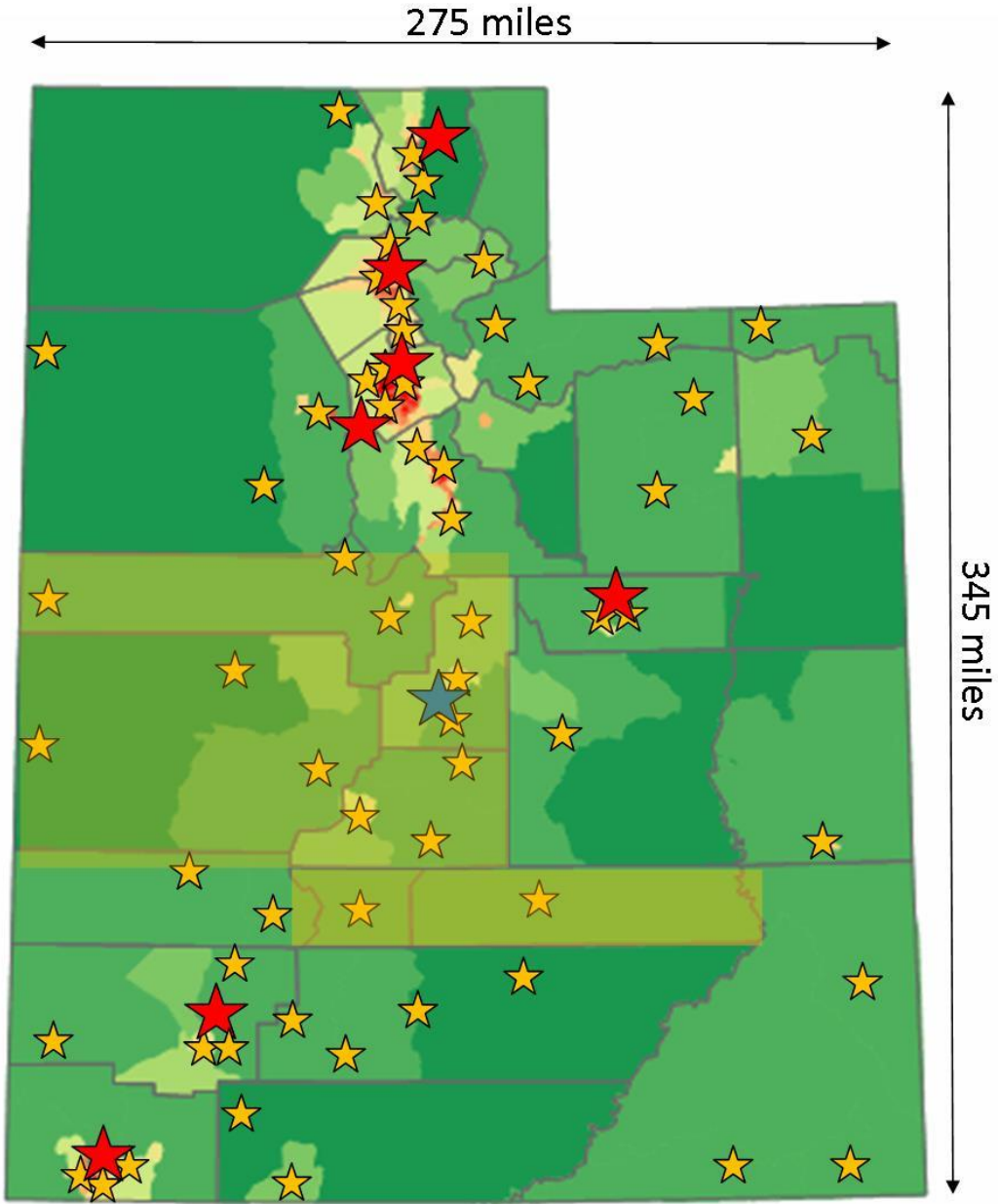




**UTAH**

**POPULATION DENSITY**

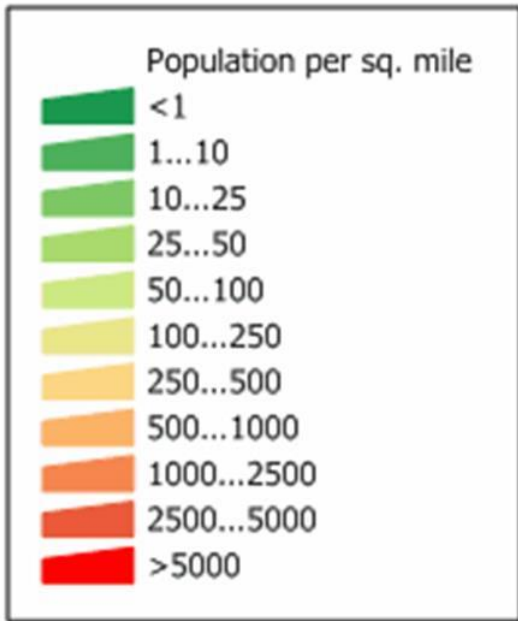
- Snow College**
- Other Public College/Univ**
- High Schools**






# Interactive Video Conference


- COMM 2110 Interpersonal Communications
- Prof. Sandra Cox
- We are the 8<sup>th</sup> site connected (sites have from 1 to 8 students each)

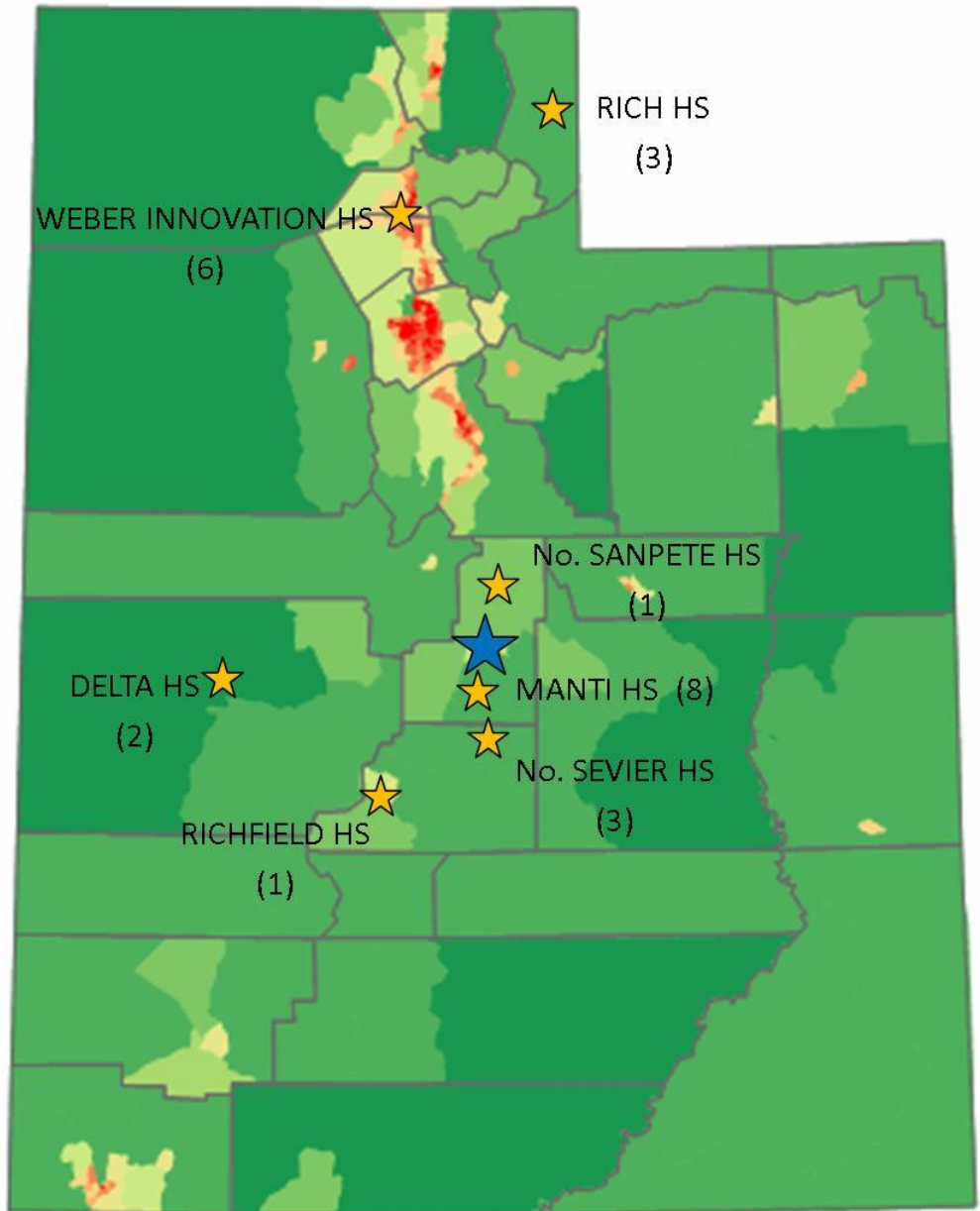


**UTAH**

**POPULATION DENSITY**

 **Snow College**

 **COMM 2110 - 400 Participating High**



# Problems for Small/Rural Districts Delivering Concurrent Enrollment

- Smaller faculties
  - Less faculty credentialed to teach F2F classes
  - May be only teacher for subject area
- Hard to justify teaching CE course if few students qualify to take the course
- How to deliver “. . . . reasonably equal educational opportunities regardless of their place of residence in the state . . . .”?

# Senate Bill 38 (2014 Utah Legislature)

## Championed by Utah Rural Schools Association

- Consistent 2-year schedule of CE courses available statewide over Interactive Video Conferencing (IVC)
- Guaranteed delivery of scheduled courses
- Pathway for HS students to be able to satisfy scholarship requirements or earn Associates degree
- Academic advisory support for HS students

# Senate Bill 38 (2014 Utah Legislature)

- Approved unanimously
- Provides \$1,300,000 non-lapsing annual funds to provide program statewide
- Program began Fall 2014

# Program Information

- Service 62 high schools
- Wide variety of courses that are broadcast
  - 32 unique courses this semester
- Recently changed our schedule to better accommodate schools
- Travel to provide Academic Advising consistent with Campus Advisors



# Unique Features

- Academic Advising at high schools consistent with Campus Advisors
- Labs for BIOL 1050 and CHEM 1110
- Hybrid classes
- Right of First Refusal process

# How Important Is IVC to Small/Rural School Districts?

## Utah 2015-16 Credit Hours

ALL CREDIT HOURS		
Statewide	Non-Rural	Rural/Small
200,932	160,949	39,983

80%

20%

IVC CREDIT HOURS	
Non-Rural	Rural/Small
12,838	13,202

8%

33%

- Average number students in Snow IVC classes : 4.4 students / site

SNOW COLLEGE -- FALL 2017 IVC SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00 AM					
8:05 AM					
8:10 AM					
8:15 AM					
8:20 AM					
8:25 AM					
8:30 AM					
8:35 AM					
8:40 AM					
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Online Classes

BUS 1600-607
NURP 1000-607
PE 1096-405