

Automation Technology

-Ken Avery-
ken.avery@snow.edu

Prior Skills:

Hopefully have had math class and are proficient in reading and hopefully proficient using hand tools. A real desire to learn is essential.

Lab Time:

I expect students to come to class a bare minimum of 2 days a week, but hopefully, 3 or 4 days a week to stay on track or get ahead.

Online vs in Person %:

Approximately 60 to 70%

Pace Plan:

I normally only do a pace plan when a student is falling behind, but I give them a timeline for success at the start of the semester.

Number of Classes Recommended within one semester:

A student should be able to complete 2 classes at the same time in a semester.

Office Hours/Tutoring:

I can do extra tutoring for students that are struggling as long as they are actually coming to class and attending and working effectively on their classes.

Certificates:

I do have 2 different certificates that high school students can work on and they could effectively easily finish one or both while in high school

Mentor Expectations:

I expect the high school mentor to monitor the progress of the student in the course. Hopefully to check up on their attendance in class.

Health Science -Kalee Barton- kalee.barton@snow.edu

Prior Skills:

No specific skills needed. They will be taught in class

Lab Time:

Med Term – No lab time

Intro to MA – 2 labs will probably take a total of 30 minutes in the lab. The rest is all online. Anatomy and Physiology – Several labs can come in once a week or every other week and do several labs in one. However long they need. I post a weekly schedule on Canvas calendar to sign up for lab times. I can work around their schedule.

Online vs in Person %:

Med Term – 100% online

Intro to MA – 95% online

Anatomy & Physiology – 75% online

Pace Plan:

I use pace plans on Canvas. My modules are split up by week. I also email the student at least every other week to inform what they need to work on to stay on track. Announcements are also sent out every week to say this is what you should be working on.

Number of Classes Recommended within one semester:

Motivated students could do Med Term and Intro to MA. If just wanting to try it do one at a time.

Anatomy and Physiology should be taken by itself

Office Hours/Tutoring:

They can sign up for any of the times on my canvas calendar. If they can't find a time there they can email me and we will come up with a time that works for both of us.

Certificates:

Not for MA but CNA is a good background for MA and will for sure help with their MA classes.

Mentor Expectations:

To help encourage students to stay work on their class so they can stay on track to finish by the end of the semester.

CBE COURSE EXPECTATIONS

Welding
-Joe Western-
joe.western@snow.edu

Prior Skills:

Basic Math and English, ability to read, write and navigate computer.

Lab Time:

I advise students AT MINIMUM to plan on twice as many hours as credits per week.
(I.E. For a 2 credit course student should invest 4 hours a week in lab)

The Welding Lab is open M-F 9am to 3pm.

Students should plan on 45 minutes at minimum per lab session.

Online vs in Person %:

Courses are an 20/80 split. The entirety of the course work can be done online, there is no additional textbook, it is all integrated and can be done anywhere the student can access canvas. The other 80% is in the lab.

Pace Plan:

I do not have an implicit pace plan but each canvas course is broken up into week by week segments so that students have a recommended guide to follow.

Number of Classes Recommended within one semester:

It really depends on the student, but generally speaking, one to two.

Office Hours/Tutoring:

My 'Office hours' are essentially the same as the lab schedule. I will make other accommodations upon request.

Certificates:

Welding Technology

Mentor Expectations:

They should follow up with students periodically and provide support on the high school end, track attendance if necessary.

Machine Tool **-Colton Nay-** **colton.nay@snow.edu**

Prior Skills:

Basic math, Reading, and ability to do Online classes.

Lab Time:

It all depends on the class being taken some classes can be 100% online and others need to be in the lab at minimum 2-3 days a week for 1-2 hours per day.

Online vs in Person %:

Some classes can be 100% online and others need to be in the lab at minimum 2-3 days a week for 1-2 hours per day.

Pace Plan:

I do not but am working on getting it in place. I will update you when it is in place.

Number of Classes Recommended within one semester:

Depending on the student and time available 1-2 at most.

Office Hours/Tutoring:

I am in my shop from 8-3, M-F.

Certificates:

Manual Machining certificate, which also leads into the CNC Machining Certificate.

Mentor Expectations:

To keep track if a student is making progress or not and follow up with me if they are not.

CBE COURSE EXPECTATIONS

Composites
-Chad Avery-
chad.avery@snow.edu

Prior Skills:

Students should have a strong foundation in basic math (especially measurement and fractions), a general understanding of shop safety, and the ability to follow technical instructions. Familiarity with hand tools and basic reading comprehension are also important for success in a CBE setting.

Lab Time:

Students should plan to be in the lab 2 times per week, depending on the course. I'm available in the lab Monday 8 AM to 3 PM, Wednesday through Friday 8 PM to 3PM, with some flexibility by appointment. Each lab session should be at least 90 minutes to 2 hours to allow for meaningful hands-on time and proper setup/cleanup.

Online vs in Person %:

Typically, 30% online (coursework, videos, assessments) and 70% in person (lab work, demonstrations, hands-on assessments).

Pace Plan:

Not currently, I'm working on it and should have one by fall semester.

Number of Classes Recommended within one semester:

1 maybe 2, depending on the student and their load at the high school.

Office Hours/Tutoring:

I'm available in the lab Monday 8 AM to 3 PM, Wednesday through Friday 8 PM to 3PM, with some flexibility by appointment.

Certificates:

Composites Certificate

Mentor Expectations:

- Support students in staying on pace and communicating any concerns early.
- Monitor lab safety and reinforce professional behavior.
- Serve as a liaison between the student, high school, and college to ensure smooth scheduling and logistics.
- Encourage students to take ownership of their learning and time management.

Information Technology

-TC-

terrence.coltharp@snow.edu

michael.medley@snow.edu

Prior Skills:

Students should have a solid understanding of time management and the ability to work independently.

Lab Time:

Our students are not required to attend in-person labs, as we use simulation-based programs that replicate hands-on experiences. All necessary tools and activities are available online.

Online vs in Person %:

This question doesn't directly apply to our CIS/TEIT courses, as our program is fully technology-driven. Students can attend in person if they prefer, but for concurrent enrollment, we offer both in-person and online options.

Pace Plan:

We do not use traditional pace plans, as they don't align with our program structure. Our courses are self-paced to accommodate individual learning speeds and schedules.

Number of Classes Recommended within one semester:

It varies by student and semester. Highly motivated and dedicated students may complete 4–5 courses per semester, while most students typically finish 1–3.

Office Hours/Tutoring:

Yes, office hours are available by appointment. Additionally, we offer flexible virtual meetings—available most days up until 8:00 PM.

Certificates:

Please see the attached file [certificates.xlsx](#). We recommend students begin with the first certificate listed, as our courses are designed to build sequentially on foundational knowledge.

Mentor Expectations:

We expect the mentor to be actively engaged with students—visually checking in on their progress, ensuring they stay on task, and promptly contacting the instructor if any issues arise.

Electrician Apprentice

This is an in-person (not CBE) course, but we are still going to require the CBE contract to enroll. The course is offered MW 6pm-9pm for Fall 2025. Students need to start in the Fall (not Spring). The 1A and 1B courses can be taught during their Senior Year. It is a 4 year program overall.

Students who fill out the CBE form will be notified by August 1st if they will have a seat or not in the course

Students need to have prior Math and Reading skills. It is not an easy course. The students need to have a true interest in becoming an Electrician. There will be textbooks fees – about \$600.