

The background of the image features a person in a dark suit and white shirt, holding a brown leather satchel and a book. The background is a dark green gradient with faint, glowing mathematical formulas and graphs, including a coordinate plane with a vector and a line, and various algebraic expressions like $a \times b$, $P = 2k + z$, and $|a \times p|$.

STUDY SKILLS TO PREPARE FOR COLLEGE

Dr. Nicole Caldwell

About Dr. Nicole Caldwell

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- Autism Specialist and Math/Science Tutor
- Master's Degree and PhD in Special Education/Autism
- Certifications in elementary education, special education K-12th, Montessori elementary, and Pivotal Response Treatment® (PRT®).
- Approx. 15 years working with students with autism and approx. 6 years teaching college courses.
- Founder of Positively Autism and [Autism Homeschool Success](#)

College is a big change!

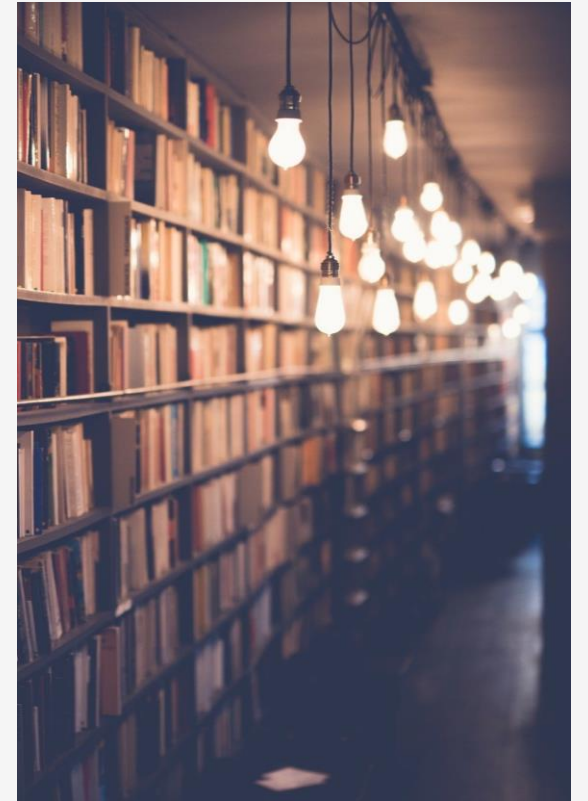
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- More independence required.
- Larger campus.
- Accommodations not automatically given (student must often request them through the university's office of disability accommodations, etc.).
- Increased social and mental health demands.
- Etc.

Some Preliminary Considerations

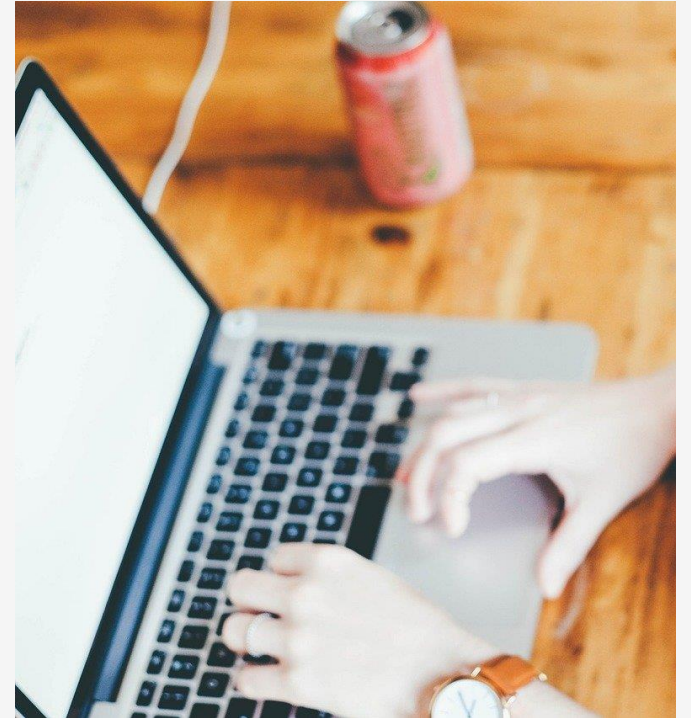
- **Young adults with autism may complete college degrees at lower rates** (Adreon & Durocher, 2007 and Gotham et al., 2015, as cited in Accardo, et al., 2019).
- **Mental health needs, such as anxiety and fear, may need to be addressed** (Gurbuz et al., 2018; Jackson et al., 2018; Ward & Webster, 2018; Accardo, 2017; as cited in Accardo, et al., 2019).
 - So, please check with the appropriate mental health professionals if your child shows any signs of needing this type of support, or if you have any concerns. This topic is beyond the scope of this presentation, but I just wanted to bring it up.



Some Preliminary Considerations, Continued

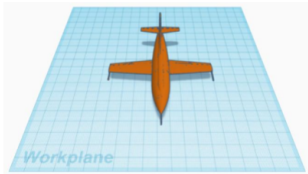
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- Executive functioning skills relating to organization and time management have also been identified as important factors (Accardo, et al., 2019; Van Hees, et al., 2015, as cited in Accardo, et al., 2019).
- What we're going to talk specifically about in this presentation is a few study skills relating to organization and time management that you can work on before college.
 - Specific challenges my college students have with online courses.



Class Syllabus

- The course syllabus is a document that gives an overview of course policies, required reading materials, assignments, due dates, instructor expectations, etc.
- Have your student read the syllabus over once, then again when you use it to do things like make a calendar/schedule (which we'll talk about next).
- Print or save a copy to refer to throughout the class.



The graphic shows a blue isometric grid with a blue airplane model centered on it. The word "Workplane" is written in blue at the bottom left of the grid.

Intro to 3D Modeling Syllabus

Spring 2020

Instructor Information

Instructor Dr. Nicole Caldwell	Email Parents can e-mail nicolecaldwell@gmail.com	Office Location & Hours Online
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General Information

Description
This online course provides a brief introduction to 3D modeling and design using a free web-based program called TinkerCAD. You'll learn the basics, then choose a project that you would like to create!

Expectations and Goals
Each week, you will complete one lesson in the course and submit your work for that lesson to the instructor. Part of this course is to help you practice time management and planning, which are good skills to have for going to college or getting a job. More information about all of the course expectations is found below. I hope you have fun designing!

Course Materials

Required Materials

- Internet access.

Planning a Weekly Schedule

- One of the challenges that I frequently see my online college students struggling with is turning in all course assignments on time.
 - At one of the universities where I teach, students have four tasks each week: an assignment, two discussion posts, and responses to other people's posts in the discussion forum. So, they have to plan out their week to make sure that they have time to complete everything, along with other things that they have to do in their lives.
Please note that this university has condensed classes (only 6 weeks long), so that is why there is a fairly large amount of work each week.
 - We're going to look at a couple of examples of weekly schedules that you can use with your high school student next.
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Planning a Weekly Schedule, Part 2

- When I'm first teaching this skill to a student, I might start with making a schedule for just one class. This is what I'm working on with my high school students with autism in my online 3D modeling class. I teach them how to plan out their activities for each week in the class on a single page.
 - Next, I'll share the information that I give them about how to plan a weekly schedule.
 - They practice doing this for each week in the course, with more parent/guardian support and prompting in the beginning. Then, as the course goes on, I ask families to have their student plan their time a little more independently each week.
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Planning Your Weekly Schedule



Hello everyone! This is your instructor, Dr. Caldwell. I wanted to share some information that I think will be helpful for you during this class.

When I teach college classes, sometimes the college students have a hard time turning assignments in by the due date. This often results in them losing points for the assignment and having a lower grade.

In order to help them stay organized and turn in their work on time, it is sometimes helpful for them to use a weekly planner to write down when they will do all of their class work for the week.

Planning Your Weekly Schedule

Week 2	<input type="checkbox"/> Read Assignment Descriptions and Rubric
Due 4/12/20	<input type="checkbox"/> "Place It" Tutorial
	<input type="checkbox"/> "View It" Tutorial
	<input type="checkbox"/> "Move It" Tutorial
	<input type="checkbox"/> "Rotate It" Tutorial
	<input type="checkbox"/> "Size It Up" Tutorial
	<input type="checkbox"/> "Group It" Tutorial
	<input type="checkbox"/> "Align It" Tutorial
	<input type="checkbox"/> Submit Assignment Document to Dr. Caldwell

Weekly Planner - Introduction to 3D Modeling

Week 2

Print one of these for each week in the course. Write which tasks from the syllabus that you will complete each day. You don't have to work on something every day, it is okay for some days to be left blank. Just make sure everything is turned in by the due date.

Monday:
Tuesday:
Wednesday:
Thursday:
Friday:
Saturday:
Sunday:

To complete your weekly schedule, you'll look at the list of tasks for the week (from the syllabus) and write down which days you want to complete each task. You can do all the tasks in one day if you want to, or you can work on one or two tasks each day. You can choose.

Since I'm not there at your home to show you how to do this, I've asked a family member to help you make the schedule this week, but you can practice making one on your own starting next week. If you still want help or have questions next week, that's fine. Please ask.

A few examples of completed schedules for this week are on the next pages.

Weekly Planner

Introduction to 3D Modeling Week 2

Print one of these for each week in the course. Write which tasks from the syllabus that you will complete each day. You don't have to work on something every day, it is okay for some days to be left blank. Just make sure everything is turned in by the due date.

Monday: <i>Read assignment descriptions and rubric.</i> <i>"Place It" Tutorial</i>
Tuesday: <i>"View It" Tutorial</i>
Wednesday: <i>"Move It" Tutorial</i>
Thursday: <i>"Rotate It" Tutorial</i> <i>"Size It Up" Tutorial</i>
Friday: <i>"Group It" Tutorial</i>
Saturday: <i>"Align It" Tutorial</i>
Sunday: <i>Submit Assignment Document to Dr. Caldwell</i>

Weekly Planner

Introduction to 3D Modeling Week 2

Print one of these for each week in the course. Write which tasks from the syllabus that you will complete each day. You don't have to work on something every day, it is okay for some days to be left blank. Just make sure everything is turned in by the due date.

Monday:	
Tuesday:	Read assignment descriptions and rubric. "Place It" Tutorial "View It" Tutorial
Wednesday:	
Thursday:	"Move It" Tutorial "Rotate It" Tutorial "Size It Up" Tutorial
Friday:	
Saturday:	"Group It" Tutorial "Align It" Tutorial Submit Assignment Document to Dr. Caldwell
Sunday:	

Weekly Planner

Introduction to 3D Modeling Week 2

Print one of these for each week in the course. Write which tasks from the syllabus that you will complete each day. You don't have to work on something every day, it is okay for some days to be left blank. Just make sure everything is turned in by the due date.

Monday:	Read assignment descriptions and rubric. "Place It" Tutorial "View It" Tutorial
Tuesday:	"Move It" Tutorial. "Rotate It" Tutorial "Size It Up" Tutorial
Wednesday:	
Thursday:	"Group It" Tutorial. "Align It" Tutorial Submit Assignment Document to Dr. Caldwell
Friday:	
Saturday:	
Sunday:	

One More Tip

Something you may have noticed in the example schedules was that, in most of them, the work was either:

- Evenly divided throughout the week or
- Completed early in the week.

I would recommend that you do all of the work early in the week or do a little bit every day, rather than scheduling all of the work near the end of the week.

This is because, if you get really busy with something else on Thursday, Friday, or Saturday, that's okay because most of your work will already be done. So, you'll still be able to turn in your work on time.

Planning a Weekly Schedule, Part 3

- Once your child has practice planning for one class, you can expand the schedule to multiple classes. Here's a schedule my sixth-grade son made to plan one of his weeks. We looked at all of his assignments for the week, make a list of them, and then he decided which days to do which things. This was his first attempt, and we will eventually work on making it a bit more organized or perhaps just type it up.

**A blank copy
of this form is
on the next page.**

REWARD CHART FOR:
me

Classes	Monday	Tuesday	Wednesday	Thursday	Friday
Science		Indig observation			
Math	weekly assignment	Project with 22	edit of 17 classroom		
band	in 4th class 9.5	task crafts			private lesson
reading	story text	robot project		text	

GOAL: get everything done

REWARD FOR ACHIEVING GOAL: 20 minutes

REWARD CHART FOR:

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Classes	Monday	Tuesday	Wednesday	Thursday	Friday

GOAL:

REWARD FOR
ACHIEVING GOAL

Rubrics

- A rubric is typically some sort of chart or table that shows the criteria that will be used to grade an assignment.

Here's the first template I use with my online high school students. It's the most basic, simple rubric in the course, so it's a good start.



Rubric:

A rubric shows how your teacher will grade your assignment. It is a good idea to look at the rubric while you are working on an assignment, so that you will make sure to do all of the things you are supposed to do. You can use a rubric almost like a checklist for the assignment.

Rubric for Week 2 Assignment

Criteria	Maximum Points	Points Earned
Screenshot of completed project for "Place It" tutorial.	10	
Screenshot of completed project for "View It" tutorial.	10	
Screenshot of completed project for "Move It" tutorial.	10	
Screenshot of completed project for "Rotate It" tutorial.	10	
Screenshot of completed project for "Size It Up" tutorial.	10	
Screenshot of completed project for "Group It" tutorial.	10	
Screenshot of completed project for "Align It" tutorial.	10	

Total Grade: ____ out of 70 points.

Rubrics

- Rubrics are helpful because they let the student know exactly how their assignments will be graded. I always encourage my students to look at a rubric before they work on an assignment and while they're working on it to make sure they're getting everything.
- They can cross off each part of the rubric as they complete it.

The next week's rubric for my online 3D modeling class. I make it just a bit more detailed for the second week.



Rubric for Week 3 Assignment

Criteria	Maximum Points	Points Earned
Screenshot of completed project for "Learning the Moves" tutorial.	15	
Screenshot of completed project for "Learning the Moves" tutorial includes student's initials.	5	
Screenshot of completed project for "Camera Controls" tutorial.	15	
Screenshot of completed project for "Camera Controls" tutorial includes student's initials.	5	
Screenshot of completed project for "Scale, Copy, and Paste" tutorial.	15	
Screenshot of completed project for "Scale, Copy, and Paste" tutorial includes student's initials.	5	
Screenshot of completed project for "Creating Holes" tutorial.	15	
Screenshot of completed project for "Creating Holes" tutorial includes student's initials.	5	

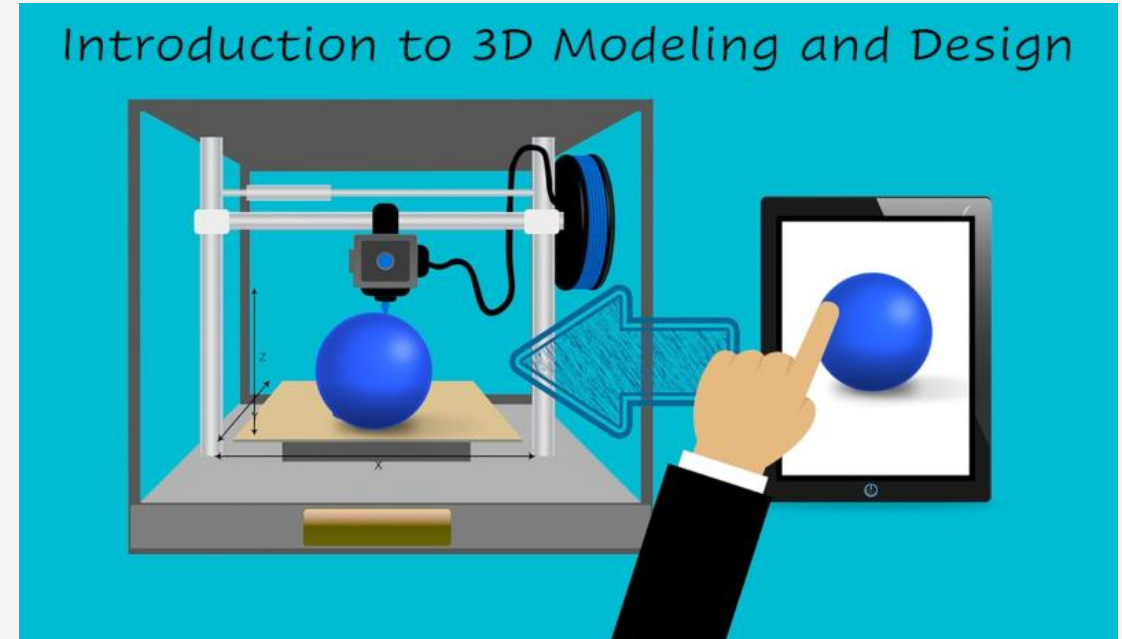
Total Grade: ____ out of 80 points.

Additional Resources

- Top Tips on How to Prepare for College with Autism - <https://www.autismparentingmagazine.com/preparation-for-college-with-autism/>
 - Postsecondary Education - <https://www.autismspeaks.org/postsecondary-education>
 - Preparing to Experience College Living - <https://www.autism-society.org/wp-content/uploads/2014/04/CollegeLiving.pdf>
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Online Classes from Dr. Caldwell

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More classes coming soon! Possible topics include photography and reading comprehension (using cool and fun things to read). Please let me know if you have other course ideas!

Course information is here: <https://www.autismhomeschoolsuccess.com/online-courses-for-high-school-stud>