**St. Cloud State University** ETS615: Engineering by Design Professional Development Onshape Certification by Design Spring 2024, Cohort III

						3 C	redits								
Classroom:	Virtual via	Zoom									Day: N	lon	Tir	<b>ne</b> 6:00 - 8	:05 pm
Instructor	Ashley Fore, National Teacher Effectiveness Coach, Onshape Industry Certified Kenardo Leslie, National Teacher Effectiveness Coach, Onshape Industry Certified														
Office Hours	Thursday 6:00 – 8:05 pm (a live zoom link will be readily available to further provide instructional supports as needed, and not mandatory to attend)														
E-mail	afore@sha Kenardo_L	1kopeesc .eslie@d	chools. dekalbs	.org schools	sga.org	5									
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Problem solving

## Instructional Process

Evaluation Methods This highly interactive, hands-on course consists of a blended learning approach, where face-to-face interaction and learning is mixed with independent study via technology. The instructional strategy will consist of: content introduced in class or on-line outside the classroom whereas the students come to class armed with questions and some background knowledge, in-class demonstrations and lectures, and out of class assignments. Various instructional modes, duties and media to be utilized include: class discussions, various readings, video tutorials, mini lectures, quizzes, assignments, and posting of a self-reflection & muddiest point on the topics. These items are intended to test your knowledge about the subject matter, conceptual ability, critical thinking, and communicating your concept intent precisely. If you engage with the course content, with your classmates, and with the instructor, you will undoubtedly learn more.

Grading rubrics will be provided based on the following criteria:

Objectives	Fulfill assignment	project's requirements							
Process	Ability to visualize & execute assignment/project Develop effective solutions Ability to verbalize on work progress								
Professionalism	Respectful and good work ethics Active class participation and collaboration Degree of involvement Meet deadlines								
Final deliverable	Assignment/Project Presentation Completed and on time								
Grading	Categories as follo	ows:							
<ol> <li>Attendance</li> <li>Participation/ Learn</li> <li>Project(s)</li> <li>Posttest/Final</li> </ol>	ing Cycle Quizzes			5% 10% 65% <u>20%</u>					
			Total	100%					
≥ 94% 90% to 93.9%	A 	73% to 76.9% 70% to 72.9%	C C-						
87% to 89.9%	<u>B</u> +	67% to 69.9%	D+						
83% to 86.9%	B	63% to 66.9%	_D						
80% to 82.9%	B-	60% to 62.9%	D-						
77% to 79.9%	<u> </u>	< 60%	F						

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Electronic materials, resources, syllabus, and other pertinent info will be located in the Buzz learning management system.

# Deadlines

The due-date and instructions for submission of each assignment/project will be communicated when assigned. Projects will be submitted using the comment and assign function within Onshape. Make sure you hit the assign to checkbox after tagging me in the comment.

No late submissions will be accepted after the due date and time.

<u>No make-up exams</u> – Discretionary exceptions may be made for reasons of illness or excused absences.

## Virtual Classroom Expectations

Courteous and professional behavior

- Be respectful to instructor and peers (during any part of class)
  - Cell phone should be off or set on vibrate and put away.
  - No text messaging
  - No iPods or earbuds unless working on projects after instruction

Punctual attendance for every class

o Late arrivals and early departures will count as one-half of an unauthorized absence.

### Prepared for class

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- Pay attention to instructions and take comprehensive notes
- o Required readings, resources and assignments completed on time
- For homework, group work is encouraged, but do not copy from one another.
- Active participation in class discussions
- During lecture, feel free to stop me to ask questions or when needing assistance, by simply raising your hand or unmuting your microphone.

Supplies

- (All are Required)
- Computer with internet access
- Dual monitor recommended but not required
- Onshape account
- o Buzz account
- o Zoom account
- Graph paper (1/4" grid) (Can be printed using the provided link)
- Isometric graph paper (1/4" grid) (Can be printed using the provided link)

Relevant Misc. Info.

### Academic Integrity

Academic dishonesty is not tolerated and may result in failure in the course. Onshape tracks all file origination information, versions, sharing, and other analytics.