Course Overview

1. **Course website:** core.coe.drexel.edu
2. **Textbook:** “ENGR 100: Introduction to Computer-Aided Design”
3. **Course Objectives:**
   a. Understand the purpose and applications of Computer Aided Design
   b. Demonstrate knowledge of the 2-D and 3-D design software through completion of assignment problems
   c. Conceive designs and implement them using 2-D and 3-D software within given constraints
4. Lecture are online and **mandatory** to watch before lab
5. Lab attendance is **mandatory**
6. **If you misss more than 2 labs without an excuse you will receive and F or incomplete for the course**
Teaching Faculty

Your teaching assistant will be your primary contact

Teaching Assistant: Nathan Taylor  
PhD Candidate, MEM  
Email: nt65@drexel.edu

Course Instructor: Philipp Boettcher,  
Assistant Research Professor, MEM  
Email: pab78@drexel.edu

Emails will be answered within about 24 hrs during the week and about 48 hrs over the weekend.
ENGR 100 is a pass/fail course. A minimum grade of 70% is required to pass this course. Your grade is derived from the four following components.

- Lecture assignments - 10%
- In-class assignments - 15%
- Homework assignments - 20%
- Midterm project - 20%
- Final project - 35%
# Deliverables (Next 2 Weeks)

<table>
<thead>
<tr>
<th>Due</th>
<th>Deliverable To BBlearn</th>
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<tbody>
<tr>
<td>Before Start Lab 2</td>
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<tr>
<td>(1)</td>
<td>Lab 1 - Guide Plate</td>
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<tr>
<td>(2)</td>
<td>HW 1 - Spacer Design</td>
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<td>(3)</td>
<td>HW 1 - Channel Plate</td>
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<td>(4)</td>
<td>Lecture 2 - Rocker Arm Design</td>
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<tr>
<td>Before Start Lab 3</td>
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<tr>
<td>(1)</td>
<td>Lab 2 - Adjustable Support</td>
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<tr>
<td>(2)</td>
<td>Lab 2 - V-Slide Plate</td>
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<tr>
<td>(3)</td>
<td>HW 2 - Sensor Mount</td>
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<tr>
<td>(4)</td>
<td>Lecture 3 - Interlacement Design</td>
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See syllabus for other weeks
Submitting Assignments

All assignments must be submitted via BBlearn before the start of your lab.

The following naming convention **MUST** be followed (or points will be deducted):

USERID_Section2Digit_Assignment_NameOfDeliverable

**Example for week 9 lab:**
PAB78_99_Lab9_PulleyAssem.prt
Grading - Lecture/Lab/HW

- **0 Points:** No or Late Submission - No files were submitted or files were submitted after the deadline (usually the beginning of corresponding weeks lab).

- **8 Points:** Major Issues or Errors - The submission file had major issues, discrepancies from the assignment or errors. OR Minor issues and naming convention was not used.

- **9 Points:** Minor Issues or Errors - The submission file had minor issues, discrepancies from the assignment or errors. OR Correct, but naming convention was not used.

- **10 Points:** Correct - The submission was correct without any issues or errors. Naming convention used.
Tips for writing Emails

- Keep emails professional
- Include your name, class number, section number
- In general assume that the instructors have a Ph.D.

Subject: ENGR 100 - Section 99: Meeting during OH

Dr./Prof. Smith,

I would like to meet during office hours this week.

Thank you,
John Student
Plagiarism

Copying, or allowing another student to copy, a computer file that contains another student’s assignment, and submitting it, in part or in its entirety, as one’s own.

- An “F” for the assignment or exam

Report to Student Conduct and Community Standards

More details are given in the syllabus.
Getting Help with Software

If you are having trouble with your installation of AutoCAD or Creo Parametric you can ask for help from the coop students in Lebow 132 during open lab hours on Mondays from 9 am to 5 pm.