**CE 1252/AREN 1252 – Computer Tools- AutoCAD**  
**Course Syllabi-Sec 001**  
**Fall 2018**

**Instructor:** Gautam Raghavendra Eapi, Ph.D.  
**Office:** (NH 417)  
**Phone:** 817-272-3760 (NH 417)  
**Email:** gautam.eapi@uta.edu

**Lecture:** Tu 10:00 am – 10:50 am (NH-229)  
**Lab:** NH 239  
**Sec 011 - Tu 1:00 PM – 2:50 PM**  
**Sec 012 - Tu 3:00 PM – 4:50 PM**

**Office Hours (NH 417 / NH239):**  
Wed 2:00 pm – 4:00 pm  
Mon 2:00 pm – 4:00 pm (Or) by Appointment

**Graduate Teaching Assistant (GTA):**  
Name: Farhikhteh Samadi  
**Office Hours:**

**Optional Textbook and Equipment:**
1) **BEGINNING AutoCAD 2015 (or most recent edition)**, Cheryl R. Shrock;  
ISBN: 978-0-8311-3497-6

2) **ADVANCED AutoCAD 2015 (or most recent edition)**, Cheryl R. Shrock;  
ISBN: 978-0-8311-3499-0

3) A list of required drawing equipment will be provided separately.

**Description of Course Content:** Introduction to computer aided design, using AutoCAD. Creation of precise two-dimensional engineering drawings and solid models.

**Requisites:** Grade of C or better in MATH 1421 – Calculus I or concurrent enrollment.

**Specific Outcomes of Instruction:**  
Student will be able to:
- Create, complete, and interpret simple Engineering drawings manually
- Create, complete, and interpret simple Engineering drawings using AutoCAD

**Student Outcomes Addressed:**
(a) An ability to apply knowledge of mathematics, science, and engineering (covered implicitly)
(k) An ability to use the techniques, skills and modern engineering tools necessary for engineering practice (tested implicitly)

**Techniques, Skills, and Modern Engineering Tools Used in this Course:** The engineering software tools AutoCAD 2019 (2018/2017/ 2016/2015) will be introduced and utilized.

**Assignments:** Assignments will be given in lab sections. Unless a different specific due date is given in class or on the class website, lab assignments are due at the beginning of the following lab class.
Lab assignments are obtained and submitted electronically. Directions for obtaining and submitting the assignments are provided in a separate document. Obtaining an assignment in any other manner is considered academic misconduct and, when discovered, will be dealt with as such.

**Major Assignments and Examinations:** This class has no major assignments. There will be two lab examinations. The dates of the examinations are given below and on the class website. There is always a small chance that a midterm examination will be rescheduled. Notice of such a change will be provided as soon as possible.

<table>
<thead>
<tr>
<th>Lab Exams</th>
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<tbody>
<tr>
<td>Midterm (tentative)</td>
<td>Oct 23rd, 2018</td>
</tr>
<tr>
<td>Final (tentative)</td>
<td>Nov 27th, 2018</td>
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**Grading Policy:**

<table>
<thead>
<tr>
<th></th>
<th>Weight</th>
<th>Average</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Assignments</td>
<td>30%</td>
<td>90 ≤ T ≤ 100</td>
<td>A</td>
</tr>
<tr>
<td>Midterm Exam</td>
<td>30%</td>
<td>80 ≤ T &lt; 90</td>
<td>B</td>
</tr>
<tr>
<td>Final Exams</td>
<td>40%</td>
<td>70 ≤ T &lt; 80</td>
<td>C</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
<td>60 ≤ T &lt; 70</td>
<td>D</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 ≤ T &lt; 60</td>
<td>F</td>
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A numerical average and a letter grades will be computed for each of the components of the course using the data in the tables above.