Instructor
Eugene Lavretsky, eugene.lavretsky@boeing.com
Office Hours: Fridays, by appointment

Grading
Pass/Fail.

Prerequisites
Basic understanding of linear systems theory, nonlinear dynamics, and control methods. Ability to simulate dynamical systems in MATLAB.

Course Outline
The main goal of this course is to present a set of robust, optimal, and adaptive control concepts, their solutions and theoretical challenges for dynamic systems with incomplete measurements and uncertainties. Aerospace applications are discussed. The course material covers selected chapters from the course textbook [1]. Homework is assigned once a week. Mid-term and Final exams will be given.

Grading
<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Attendance</td>
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<tr>
<td>Homework</td>
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<tr>
<td>Midterm</td>
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<tr>
<td>Final</td>
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Course Textbook:

Supplementary Textbooks