

# NCSEA / SSRC CONTINUING EDUCATION SEMINAR

## Basic Design for Stability: Columns & Frames

**Boston/Newton (I-95) Holiday Inn, 399 Grove Street, Newton, MA**  
**Wednesday, November 1, 2006**

The National Council of Structural Engineers Associations (NCSEA) and the Structural Stability Research Council (SSRC) are co-sponsoring a full-day seminar in cooperation with Structural Engineers Association of Massachusetts on Basic Design for Stability. The speakers will be Perry Green, PhD, Technical Director of the Steel Joist Institute, and Theodore Galambos, PhD, Professor Emeritus of Structural Engineering in The Civil Engineering Department of the University of Minnesota.

This one-day seminar will provide a practical understanding of the stability provision in the AISC Specification. The program will have a strong emphasis on applications through the use of design example problems and case studies, as well as discussing types of instability, an overview of second-order analysis methods, column stability and frame stability. Each attendee will receive bound course notes and a certificate awarding 7.5 PDHs.

The seminar schedule will be:

- 7:30 a.m. Continental Breakfast and Registration
- 8:00 a.m. Lecture 1 – Introduction to Stability
- 10:00 a.m. Refreshment Break
- 10:15 a.m. Lecture 2 – Column Stability
- 12:00 noon Lunch – included in the cost of registration
- 1:00 p.m. Lecture 3 – Frame Stability – Alignment Chart and Modifications
- 2:30 p.m. Refreshment Break
- 2:45 p.m. Lecture 4 – Frame Stability: P-Delta Method and Frequently Asked Questions
- 5:00 p.m. Adjourn

Reservations are required and may be made on the NCSEA website at [www.ncsea.com](http://www.ncsea.com) (preferred). Alternatively, you may complete this form and mail or fax it to NCSEA, c/o Bracing Seminar-Boston, 645 N. Michigan Ave., Suite 540, Chicago, IL 60611.

Questions? Call Jan Diepstra at 312-649-4600, ext. 202. Fax: 312-649-5840

**Non-member cost: \$350. Or join SEAMass ([www.SEAMass.org](http://www.SEAMass.org)) and save. Member cost is only: \$275.**

<p><b><u>To Register:</u></b></p> <p><b>Basic Design for Stability</b>  <b>8 am to 5 pm</b>  <b>November 1, 2006</b></p> <p>NCSEA          645 N. Michigan Ave., Suite 540          Chicago, IL 60611</p> <p><b>Register Online at:</b>  <b>NCSEA.com</b></p>	<p><b>Visit our website: <a href="http://NCSEA.com">NCSEA.com</a></b></p> <hr/> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Name</td> <td style="width: 30%;">E-Mail Address</td> <td style="width: 40%;">Daytime Phone</td> </tr> <tr> <td colspan="2">Company Name</td> <td>Cell Phone</td> </tr> <tr> <td colspan="2">Address</td> <td>Yes No</td> </tr> <tr> <td colspan="2">City / State / Zip</td> <td>SEAMass Member?</td> </tr> <tr> <td><input type="checkbox"/> Charge to Credit Card</td> <td><input type="checkbox"/> Check Enclosed (payable to NCSEA)</td> <td></td> </tr> <tr> <td><input type="checkbox"/> MC <input type="checkbox"/> Visa</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> American Express</td> <td>Expiration Date</td> <td>Amount Enclosed</td> </tr> </table> <hr/> <p style="text-align: center;">Signature</p>	Name	E-Mail Address	Daytime Phone	Company Name		Cell Phone	Address		Yes No	City / State / Zip		SEAMass Member?	<input type="checkbox"/> Charge to Credit Card	<input type="checkbox"/> Check Enclosed (payable to NCSEA)		<input type="checkbox"/> MC <input type="checkbox"/> Visa			<input type="checkbox"/> American Express	Expiration Date	Amount Enclosed
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<p>Registration Deadline: October 27</p> <p>Late Registration: October 28-31</p> <p>Cancellation Fee by October 27: \$50</p> <p>No Refunds after October 27</p>	<p><b>Seminar Location:</b>          Holiday Inn - Newton          399 Grove Street          Newton, MA 02462</p> <p style="text-align: center;">(Adjacent to the Riverside MBTA Station )</p>	<p><b>Seminar Fee:</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 30%; text-align: center;"><u>By October 27</u></td> <td style="width: 40%; text-align: center;"><u>After October 27</u></td> </tr> <tr> <td>SEAMass Members:</td> <td style="text-align: center;">\$275</td> <td style="text-align: center;">\$325</td> </tr> <tr> <td>Non-Members:</td> <td style="text-align: center;">\$350</td> <td style="text-align: center;">\$400</td> </tr> <tr> <td>Students with ID:</td> <td style="text-align: center;">\$200</td> <td style="text-align: center;">\$250</td> </tr> </table> <p style="text-align: center;">Free Parking</p>		<u>By October 27</u>	<u>After October 27</u>	SEAMass Members:	\$275	\$325	Non-Members:	\$350	\$400	Students with ID:	\$200	\$250								
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