Course: AUMT 1310  Section 43240  Automotive Brake Systems
3 Credit Hrs.

Course Description and Intellectual Competencies:
Operation and repair of drum/disc type brake systems. Emphasis on safe use of modern equipment. Topics include brake theory, diagnosis, and repair of power, manual, anti-lock brake systems, and parking brakes. May be taught with manufacturer specific instructions. (SCANS) Students will learn to manage time, work in teams, work with different cultures, interpret/communicate data, select equipment and tools, maintain /troubleshoot technologies, read, write, arithmetic/mathematics, speaking, listen, think logically, problem solving and show individual responsibility.


Required Equipment and Material: Lab Sheets and Honda Hands-on modules will be posted on Blackboard

1. Students will use Honda Interactive Network (iN) www.in.honda.com
2. Will need a Dealer number, user ID, Password and DPTS number
3. All Honda Self Studies will be done using a computer.
4. Student will need a set of head-phones that will plug into a computer.
5. Student will need to buy a USB drive thumb drive. 1Gig or more.

Educational Objectives and Learning Outcomes:
Utilize appropriate safety procedures; diagnose and repair hydraulic systems, drum/disc brake systems, and anti-lock brake systems.

Lecture/Lab:
Class days and Time: Lecture/Lab  Wednesday & Thursday  7:30am to 5:55 pm.

Class location: T-building, Career Technologies
Lecture Rm. T-188 and Lab T-117

Tools: Eastfield College provides all necessary tools for your class work. Students who check out tools from the tool room will be financially responsible for their return in a clean and working condition.
NOTE: A Student ID is required to check out tools. IDs are available in Room L-108 (Computer Lab).

ATTENDANCE & PUNCTUALITY: You are expected to attend all classes and are fully responsible for your attendance and punctuality. 15 percent will be deducted from your daily grade at the beginning of class and/or after breaks for being tardy, and an additional 15 percent will be deducted from your daily grade every 30 minutes thereafter. You are considered tardy 1 minute after you are due in class.

Attendance is calculated on a point system. Every tardy is worth 1 point; every absence is worth 3 points. If the student accrues 6 to 8 points their final grade will be reduced by one letter grade: an A becomes a B, or a C becomes an F. If the student accrues 9 or more points they fail the class regardless of average.
An excused absence is still counted as an absence and your grade will reflect the days missed. Students are responsible to coordinate any arrangement for makeup assignments or exams with their Instructor. Quizzes cannot be made up.

Students who are receiving any form of financial aid should check with the Financial Aid Office prior to withdrawing from classes. Withdrawals may affect your eligibility to receive further aid and could cause you to be in a position of repayment for the current semester. Students who fail to attend or participate after the drop date are also subject to this policy.

**Dropping A Class: (Drop Date: February 6, 2015)**

**Withdrawal Policy**

If you are unable to complete this course, it is your responsibility to formally withdraw. Each course has a specific drop date. For this class, the drop/withdrawal request must be received in the Registrar’s Office by the date noted above.

If you drop a class or withdraw from the college on or before the official drop/withdrawal deadline, you will receive a “W” (Withdraw) in each class dropped. Failure to complete an official withdrawal by the assigned date will result in your receiving a performance grade, usually an “F”.

For complete information on the drop requirements, policies and procedures, refer to the current online college catalog at [www.dcccd.edu](http://www.dcccd.edu) at the following link:

https://www1.dcccd.edu/catalog/ss/oep/dw.cfm?use%20_nav=acad_info&loc=econ

**STOP BEFORE YOU DROP**

For students who enrolled in college level courses for the first time in the fall of 2007, Texas Education Code 51.907 limits the number of courses a student may drop.

You may drop no more than 6 courses during your entire undergraduate career unless the drop qualifies as an exception. Your campus counseling/advising center will give you more information on the allowable exceptions.

Remember that once you have accumulated 6 non-exempt drops, you cannot drop any other courses with a “W”. Therefore, please exercise caution when dropping courses in any Texas public institution of higher learning, including all seven of the Dallas County Community Colleges. For more information, you may access:

https://www1.dcccd.edu/coursedrops

**Repeating This Course: (Third Attempt to Enroll in a Course)**

Effective for Fall Semester 2005, the Dallas County Community Colleges will charge additional tuition to students registering the third or subsequent time for a course. All third and subsequent attempts of the majority of credit and Continuing Education/Workforce Training courses will result in additional tuition to be charged. Developmental Studies and some other courses will not be charged a higher tuition rate. Third attempts include courses taken at any of the Dallas County Community Colleges since the Fall 2002 Semester. See Third Attempt to Enroll in a Course at: [http://www.dcccd.edu/thirdcourseattempt/](http://www.dcccd.edu/thirdcourseattempt/)

**Developmental Courses**

The Texas Success Initiative (TSI) is a statewide program designed to ensure that students enrolled in Texas public colleges and universities have the basic academic skills needed to be successful in college-level course work. The TSI requires assessment, remediation (if necessary), and advising of students who attend a public college or university in the state of Texas. The program assesses a student’s basic academic skills in reading, writing, and math. Passing the assessment is a prerequisite for enrollment in many college-level classes such as English 1301/1302, History 1301/1302, Math
Students who do not meet assessment standards may complete prerequisite requirements by taking developmental courses in the deficient area and passing them with a grade of C or higher. In some cases retesting will also be required. It is up to each student to be aware and informed about requirements that are subject to change. Additional information is available from the TSI Office.

https://www1.dcccd.edu/cat0910/admiss/tsi.cfm?loc=4

Religious Holidays

Absences for observance of a religious holy day are excused. A student whose absence is excused to observe a religious holy day is allowed to contract with the instructor to take a make-up examination or complete an assignment within a reasonable time after the absence.

STUDENT E-MAIL:
Legal privacy issues prevent your instructor from discussing your work or your grades on commercial e-mail accounts. If you wish to send your papers as attachments to an e-mail (and the instructor permits it), or if you have a question about your grade, you must open a student e-mail account. The account is free. You may set it up by going t

www.dcccd.edu and click on Student Services, Online Services, and Student Net Mail. All students receiving financial aid must open a student NetMail account.

Eastfield College Email Policy: Faculty and students must have and use a DCCCD account for all correspondence relating to academic coursework. For information on setting up a DCCCD student email account go to: http://www.dcccd.edu/netmail/home.html

FINANCIAL AID STUDENTS:
If you are receiving Financial Aid grants or loans, you must begin attendance in all classes. Do not drop or stop attending any class without consulting the Financial Aid Office. Changes in your enrollment level and failing grades may require that you repay financial aid funds. Failure to contact the instructor will result in your name being submitted to the Financial Aid Office as a “non-attendee.” All students receiving financial aid must open an Email account through Net Mail. See directions in this syllabus for opening an Email account.

Financial Aid Statement for Distance Learning Classes
If you are receiving Financial Aid grants or loans and are enrolled in a Distance Learning class, you must show participation in this class prior to the certification date by either e-mailing or contacting the instructor or logging on to eCampus. Do not drop or stop attending any class without consulting the Financial Aid Office. Changes in your enrollment level and failing grades may require that you repay financial aid funds.

Financial Aid Statement
Students who are receiving any form of financial aid should check with the Financial Aid Office prior to withdrawing from classes. Withdrawals may affect your eligibility to receive further aid and could cause you to be in a position of repayment for the current semester. Students who fail to attend or participate after the drop date are also subject to this policy.

Family Educational Rights and Privacy Act of 1974 (FERPA)
In compliance with the Family Educational Rights and Privacy Act of 1974 (FERPA), the College may release information classified as “directory information” to the general public without the written consent of the student. Directory information includes: (1) student name, (2) student address, (3) telephone numbers, (4) date and place of birth, (5) weight and height of members of athletic teams, (6) participation in officially recognized activities and sports, (7) dates of attendance, (8) educational institution most
recently attended, and (9) other similar information, including major field of student and degrees and awards received. Students may protect their directory information at any time during the academic year. If no request is filed, directory information is released upon written inquiry. No telephone inquiries are acknowledged. No transcript or academic record is released without written consent from the student, except as specified by law.

**EMERGENCY/INCLEMENT WEATHER PROCEDURE:**
In case of emergency or inclement weather conditions, Eastfield students should listen to KEOM-FM Radio Station (88.5) as the primary media source. In partnership with the Mesquite Independent School District, Eastfield College Administration will notify KEOM immediately after a decision is made to cancel classes on any given day of inclement weather or for emergency purposes. Students may also monitor other local radio and television stations. The earliest an announcement may be broadcast on KEOM Radio is 6 a.m. Students may also refer to the Eastfield College web page [www.eastfieldcollege.com](http://www.eastfieldcollege.com) for the Inclement Weather announcement under the Features area of the front page. The announcement will be posted immediately following the decision to close the college.

**PRINTING ON CAMPUS:** Printing in the Computer Lab (L-108), Library, and Learning Assistance Center will cost 5 cents a page. Students must bring a $1.00, $5.00, $10.00, or $20.00 bill to the lab to create an account. Accounts must be created before attempting to print. No change is made in the lab. Once the money is in the bill acceptor, it cannot be retrieved. Cash refunds are not possible. Accounts stay active as long as the account has value.

**Grading Criteria/ Scale:** In keeping with the policy and goals of the Dallas County Community College, 20% of each student’s grade will be determined based on class participation, attitude, and behaviors. Students are expected to show professionalism and respect to the instructors and each other. All assigned work must be turned in on time. Late work will not be accepted. **FAILURE TO COMPLETE ALL THE ASSIGNED HONDA MODULES WILL RESULT IN FAILURE OF THE COURSE!**

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
<th>Grade Range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>10%</td>
<td>90-100</td>
<td>A</td>
</tr>
<tr>
<td>Lab/Hands-On Modules</td>
<td>40%</td>
<td>80-89</td>
<td>B</td>
</tr>
<tr>
<td>Self Study Modules</td>
<td>20%</td>
<td>70-79</td>
<td>C</td>
</tr>
<tr>
<td>Portfolio</td>
<td>30%</td>
<td>0-69</td>
<td>F</td>
</tr>
</tbody>
</table>

**Total = 100%**

**INCOMPLETES:** Due to the high percentage of grade based on lab experiences and the supervision required thereof, incompletes will not be given. If the situation warrants, a grade change to a “W” will be given. Student is responsible for making arrangements with instructor.

**OBTAINING YOUR GRADES AT THE END OF THE SEMESTER:** Grade reports are no longer mailed. Convenient access is available online. Just use your student identification number when you log into eConnect. Web site address: [www.econnect.dcccd.edu](http://www.econnect.dcccd.edu).

**Classroom Etiquette**
Students are expected to assist in maintaining a classroom environment that is conducive to learning. In order to assure that all students have the opportunity to gain from time spent in class, unless otherwise approved by the instructor, students are prohibited from engaging in any other form of distraction. Inappropriate behavior in the classroom shall result, minimally, in a request to leave class.
Academic Honesty Statement
Scholastic dishonesty is a violation of the Code of Student Conduct. Scholastic dishonesty includes, but is not limited to, cheating on a test, plagiarism, and collusion. As a college student, you are considered a responsible adult. Your enrollment indicates acceptance of the DCCCD Code of Student Conduct published in the DCCCD Catalog at http://www1.dcccd.edu/cat0506/ss/code.cfm

Academic dishonesty includes, but is not limited to, cheating on tests, plagiarism and collusion. **Cheating** includes copying from another student’s test or homework paper, using materials not authorized, collaborating with or seeking aid from another student during a test, knowingly using, buying, selling, stealing, or soliciting the contents of an unadministered test, and substituting for another person to take a test. **Plagiarism** is the appropriating, buying, receiving as a gift, or obtaining by any means another’s work and the unacknowledged submission or incorporation of it in one’s own written work. **Collusion** is the unauthorized collaboration with another person in preparing written work for fulfillment of course requirements. Academic dishonesty is a serious offense in college. You can be given a failing grade on an assignment or test, can be failed for the class, or you can even be suspended from college.

If you engage in academic dishonesty related to any class, you will receive a failing grade on the test or assignment and a failing grade in the course. In addition, the case will be referred to the Dean for appropriate disciplinary action.

Food and Drink Policy
Food, drinks, and tobacco products are prohibited in Eastfield College classrooms.

ADA Statement
Students requiring accommodations due to the presence of a disability must identify themselves thirty days before the semester begins and demonstrate/document the need for accommodation at the Disability Services Office. For information regarding the rights and responsibilities of students with disabilities, contact the DSO at 972-860-8348. http://www.eastfieldcollege.edu/SSI/DSO/

The instructor reserves the right to amend this syllabus as necessary.
Daily Grading Criteria

Each class period (lecture or lab) is a separate grade with a maximum possible of 100pts. Points will be deducted from the maximum 100 pts for the following infractions.

<table>
<thead>
<tr>
<th>Lecture (Attendance)</th>
<th>Total Percentage Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Late……………………………………………………...-15pts</td>
<td></td>
</tr>
<tr>
<td>Cell Phone Usage…………………………………………-20pts</td>
<td></td>
</tr>
<tr>
<td>Participation/Professionalism/Class Disruption…………-10pts</td>
<td></td>
</tr>
<tr>
<td>Other……………………………………………………up to -100 pts</td>
<td></td>
</tr>
<tr>
<td>Out of ………………………………………………………100pts</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lab/Hands-on Modules</th>
<th>Total Percentage Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Late……………………………………………………...-15pts</td>
<td></td>
</tr>
<tr>
<td>Safety Glasses…one incident… warning and…………-20pts</td>
<td></td>
</tr>
<tr>
<td>second incident… removal from class and……-100pts</td>
<td></td>
</tr>
<tr>
<td>Participation/Professionalism/Class Disruption…………-10pts</td>
<td></td>
</tr>
<tr>
<td>Driving Outside Compound……………………………….-100pts for everyone in car</td>
<td></td>
</tr>
<tr>
<td>Spinning Tires…………………………………………….-50pts</td>
<td></td>
</tr>
<tr>
<td>Speeding…………………………………………………….-100pts</td>
<td></td>
</tr>
<tr>
<td>Leaving Early…………………………………………….-100pts</td>
<td></td>
</tr>
<tr>
<td>Student not in Honda or Acura shirt……………………..-20pts</td>
<td></td>
</tr>
<tr>
<td>Second time without shirt…goes home………………….100pts</td>
<td></td>
</tr>
<tr>
<td>Other…………………………………………………… up to - 100 pts</td>
<td></td>
</tr>
<tr>
<td>Out of……………………………………………………100pts</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Self Study Modules</th>
<th>20%</th>
</tr>
</thead>
<tbody>
<tr>
<td>If all Self Study modules are complete but student does not save proof of completion, student receives a maximum of 80 points for this section.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Portfolio</th>
<th>30%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student must save all records for all modules as Proof of Completion</td>
<td></td>
</tr>
<tr>
<td>No Honda and Acura On-Line University course maps………-30pts</td>
<td></td>
</tr>
<tr>
<td>No Sign Off sheet………………………………………….-50pts</td>
<td></td>
</tr>
<tr>
<td>No final grade scores for Self Study modules……………-15pts</td>
<td></td>
</tr>
<tr>
<td>No record of completed Hands-on modules………………….15pts</td>
<td></td>
</tr>
<tr>
<td>Portfolio not in the order of the syllabus……………….-20pts</td>
<td></td>
</tr>
</tbody>
</table>

The following may also affect your lecture and lab grade. Your Instructor will evaluate you on the following: Ability to take constructive feedback; Flexibility/adaptability; Ability to work as a team; Attitude; Respect for self and others; Safety concern; Professional appearance/dress code.
CODE of CONDUCT

Failure to abide by this code may result in disciplinary action up to and including suspension, expulsion, and criminal prosecution!!!!

1. Theft will not be tolerated under any circumstances. Any and all cases of theft will be prosecuted to the fullest extent of the law.
2. The lab computer is for TIS & Mitchell on Demand use ONLY. Any other use will result in removal from class and a grade of 0 for that class period.
3. Profane, Vulgar, or Offensive language will not be tolerated. Use of such language will result in removal from class and a grade of zero being issued for that class period.
4. The Speed Limit in the Compound is 5mph.
5. Students will not work in the lab until the instructor has completed a safety orientation.
6. Students will not enter the lab unless an instructor or lab assistant is present.
7. Students will conduct themselves in a professional manner at all times. Running and horseplay in the lab or classroom is dangerous, and will not be tolerated.
8. Absolutely no use of cellular telephones will be permitted during class. Turn all cell phones off when entering class. If it rings it will affect your grade negatively.
9. Destruction of school property will not be tolerated and will be prosecuted to the fullest extent of the law.
10. Students must be appropriately dressed. No loose clothing. No open shoes (sandals) or house shoes. Any foot wear deemed unsafe or hazardous will not be allowed. Jewelry must be removed before operating equipment or working on vehicles.
11. SAFETY GLASSES must be worn at all times in the lab. Safety glasses must be Z87 rated or better. Dark tinted safety glasses are not acceptable. If you fail to bring them to class you will not be allowed to participate, and will receive a zero for that days grade. THE TOOL ROOM NO LONGER CHECKS OUT SAFETY GLASSES & the instructor will no longer loan any pair !!!!!
12. Do not lift more than 50 lbs.
13. Know the location and proper use of fire extinguishers.
14. Report all unusual or unsafe conditions.
15. Do not use any tool that is not in good working condition, or for any purpose other than that for which it was designed.
16. Report all injuries to the instructor immediately.
17. Do not attempt to operate any equipment until properly trained and authorized to do so.
18. Use drain pans for leaks and to catch drained fluids. Clean Up Spills Immediately!!!
19. All combustibles and flammables must be properly stored.
20. Welding, painting and other operations requiring specialized safety gear will not be done without using proper gear and in designated areas.
21. Eastfield College is designated as a tobacco free zone, including parking lots. As you enter the campus grounds proper, use of tobacco products will need to stop. Eastfield College Police may issue citations for violations of the tobacco use policy.
22. All materials will be disposed of in proper receptacles, in accordance with EPA, state, and local mandates. Anyone violating mandates is subject to disciplinary action.
23. All students are responsible for cleaning their work areas in the classroom and the lab. FAILURE TO DO SO WILL NEGATIVELY AFFECT YOUR GRADE.

This code is in addition to, not a replacement for the DCCCD code of conduct printed in the college catalog.
https://www1.dcccd.edu/cat0304/ss/code.cfm
Educational opportunities are offered by the Dallas County Community College District without regard to race, color, religion, sex, national origin, age, disability, sexual orientation, genetic information, gender identity or gender expression.

The Code of Student Conduct, Student Grievance Procedure, Computer Use Policy, Computer Software Policy, Firearms Policy and Communicable Disease Policy are common to all the colleges of the Dallas County Community College District. Certain words in the policies and procedures have been changed to reflect a college perspective; for instance, "District" may have been changed to "college." A complete listing of policies and procedures may be found in the DCCCD Policies and Procedures Manual in the college president's Office.

NOTE: FAILURE TO COMPLETE ALL THE ASSIGNED HONDA MODULES WILL RESULT IN FAILURE OF THE COURSE!
# course schedule

## Course Schedule AUMT 1310

### Honda PACT Brake Systems

### Assignments

<table>
<thead>
<tr>
<th>Wk#</th>
<th>Topics and Reading Assignments</th>
<th>Page#</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>I.</td>
<td>Syllabus</td>
<td></td>
<td>Lecture</td>
</tr>
<tr>
<td>II.</td>
<td>Honda Self Study</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>A. Introduction to Hydraulics</td>
<td>BKC60</td>
<td>Computer/lecture</td>
</tr>
<tr>
<td></td>
<td>B. Standard Brake System Components</td>
<td>BKC61</td>
<td>Computer/lecture</td>
</tr>
<tr>
<td></td>
<td>C. Brake Inspection</td>
<td>BKC08</td>
<td>Computer/lecture</td>
</tr>
<tr>
<td></td>
<td>D. Braking System Inspection</td>
<td>BKC32</td>
<td>Computer/lecture</td>
</tr>
<tr>
<td></td>
<td>E. Servicing Braking Systems</td>
<td>BKC33</td>
<td>Computer/Hmwk</td>
</tr>
<tr>
<td></td>
<td>F. Brake System Measurement</td>
<td>BKC34</td>
<td>Computer/Hmwk</td>
</tr>
<tr>
<td></td>
<td>G. Brake Pad Replacement</td>
<td>BKC16</td>
<td>Computer/Hmwk</td>
</tr>
</tbody>
</table>

| III | Chap. 92 Braking System Components and Performance Standards |       | Lecture |
|     | A. Textbook                                                                   | pp. 1015-1021 | Read/Homework |
|     | B. Textbook/Blackboard                                                        | p. 1021      | End of Chapter Quiz |

| IV  | Chap. 94 Brake Hydraulic Systems                                             |       | Lecture |
|     | A. Textbook                                                                   | pp. 1027-1040 | Read/Homework |
|     | B. Textbook/Blackboard                                                        | p. 1040    | End of Chapter Quiz |

| V   | Chap. 97 Brake Bleeding Methods and Procedures                               |       | Lecture |
|     | A. Textbook                                                                   | pp. 1061-1070 | Read/Homework |
|     | B. Textbook/Blackboard                                                        | p. 1070   | End of Chapter Quiz |

| VI  | Lab Sheets                                                                    |       |          |
|     | A. Identify & Interpret Brake Concerns                                        | EFC-BHC  | Hands-On |
|     | B. Brake System Component Identification                                     | EFC-IBSC | Hands-On |
|     | C. Brake System Inspection and Measurement                                    | BKS34    | Hands-On |
|     | D. Conventional Brake System Service                                         | BKS33    | Hands-On |
|     | E. Brake Pedal Height                                                         | blackboard | Hands-On |
|     | F. Master Cylinder Operation Testing                                          | blackboard | Hands-On |
|     | G. Bench Bleeding the Master Cylinder                                         | blackboard | Hands-On |
|     | H. Brake Stop Light Switch                                                    | blackboard | Hands-On |
|     | I. Brake Hose and Line Inspection                                            | blackboard | Hands-On |
|     | J. Brake Line Flaring                                                         | blackboard | Hands-On |
|     | K. Brake Fluid                                                                | blackboard | Hands-On |

<table>
<thead>
<tr>
<th>Wk# 2</th>
<th>Topics and Reading Assignments</th>
<th>Page#</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>I.</td>
<td>Honda Self Study</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>A. Brake Disc Refinishing</td>
<td>BKC35</td>
<td>Computer/lecture</td>
</tr>
<tr>
<td></td>
<td>B. Vehicle Stability Assist</td>
<td>BKC21</td>
<td>Computer/lecture</td>
</tr>
<tr>
<td></td>
<td>C. Hill Start Assist System</td>
<td>BKC26</td>
<td>Computer/lecture</td>
</tr>
<tr>
<td></td>
<td>D. Brake Override System</td>
<td>BKC54</td>
<td>Computer/Hmwk</td>
</tr>
</tbody>
</table>

| II   | Chap. 99 Drum Brakes            |       | Lecture    |
|      | A. Textbook                     | pp. 1087-1100 | Read/Homework |
### III. Chap. 104 Machining Brake Drums and Rotors
- **A. Textbook**
  - pp.1157-1195
  - Read/Homework
- **B. Textbook/Blackboard**
  - p. 1195
  - End of Chapter Quiz

### IV. Chap. 105 Power Brake Unit Operation, Diagnosis and Service
- **A. Textbook**
  - pp.1195-1208
  - Read/Homework
- **B. Textbook/Blackboard**
  - p. 1207
  - End of Chapter Quiz

### V. Lab Sheets
- **A. Brake Disc Refinishing**
  - BKS35
  - Hands-On
- **B. Master Cyl/Booster Pushrod Clearance Adjust**
  - BK03
  - Hands-On
- **C. ABS Component Identification**
  - BK-05
  - Hands-On
- **D. Manual Brake Bleeding**
  - blackboard
  - Hands-On
- **E. Pressure Brake Bleeding**
  - blackboard
  - Hands-On
- **F. Brake Booster R&R**
  - blackboard
  - Hands-On
- **G. Drum Brake Identification**
  - blackboard
  - Hands-On
- **H. Drum Brake Problem Diagnosis**
  - blackboard
  - Hands-On
- **I. Disc Brake Identification**
  - blackboard
  - Hands-On
- **J. Remove & Inspect Disc Brake Pads**
  - blackboard
  - Hands-On
- **K. Machining a Brake Drum**
  - blackboard
  - Hands-On
- **L. Machining a Brake Rotor**
  - blackboard
  - Hands-On

### Wk# 3 Topics and Reading Assignments

#### I. Honda Self Studies
- **A. Adaptive Cruise Control (ACC)**
  - ELC95
  - Computer/lecture
- **B. Advanced Hydraulic Booster**
  - BKC51
  - Computer/lecture
- **C. Electric Servo Brake System**
  - BKC64
  - Computer/lecture
- **D. Collision Mitigation Brake System (Acura)**
  - BKC22
  - Computer/lecture
- **E. Auxiliary Vacuum Supply System (Acura)**
  - BKC24
  - Computer/lecture

#### II. Chap. 106 ABS Components and Operation
- **A. Textbook**
  - pp.1208-1220
  - Read/Homework
- **B. Textbook/Blackboard**
  - p.1220
  - End of Chapter Quiz

#### III. Chap. 107 ABS Diagnosis and Service
- **A. Textbook**
  - pp.1220-1232
  - Read/Homework
- **B. Textbook/Blackboard**
  - p. 1231
  - End of Chapter Quiz

#### IV. Chap. 108 Electronic Stability Control Systems
- **A. Textbook**
  - pp.1232-1239
  - Read/Homework
- **B. Textbook/Blackboard**
  - p. 1238
  - End of Chapter Quiz

#### III. Lab Sheets
- **A. Compact ABS Servicing**
  - BK-21
  - Hands-On
- **B. Compact ABS Troubleshooting**
  - BKS37
  - Hands-On
- **C. TCS Construction, Function and Service**
  - BK-19
  - Hands-On
- **D. Troubleshooting the VSA System**
  - BKS20
  - Hands-On
- **E. ABS Code Retrieval & Erase**
  - blackboard
  - Hands-On
- **F. Bleed ABS Hydraulic Circuits**
  - blackboard
  - Hands-On
- **G. ABS Wheel Speed Sensor Testing**
  - blackboard
  - Hands-On
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<td>Lab Sheets</td>
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**NOTE:** FAILURE TO COMPLETE ALL THE ASSIGNED HONDA MODULES WILL RESULT IN FAILURE OF THE COURSE!