CSCI 550(256): Theory of Computing

Abbreviated Syllabus for Fall Semester 2005
Visit http://www.ecst.csuchico.edu/~juliano/csci550 for additional detail.

Prerequisites
- MATH 317(120), Discrete Mathematical Structures
- Junior-level standing recommended

Description
3 units. An introduction to formal languages, grammars, and automata theory with unsolvable problems. Formerly CSCI 256.

Class #    Section     Act   Days   Time           Room       Instructors
2090      CSCI 550-01  DIS  TR    0930-1045am  OCNL 254  Dr. J
           Juliano@csuchico.edu

Instructor Information
Dr. Ben A. Juliano (a.k.a. Dr. J)
http://www.ecst.csuchico.edu/~juliano

Office Hours: Wed, 9-11am and Thurs, 2-4pm
OCNL 222
Tel 530 898-4619 / 6442 (dept office)
Fax 530 898-5995
Appointments and walk-ins welcome.

Required Textbook
Introduction to Automata Theory, Languages, and Computation, 2/e
Addison Wesley, Boston, Massachusetts.
ISBN 0-201-44124-1

Additional Requirements
1. Students are expected to open and maintain a Chico State Connection (CSC) Portal (see http://portal.csuchico.edu) account in order to access up-to-date WebCT tools that include an on-line calendar of events, current scores, discussion board, etc.
2. Students will also be using JFLAP, the Java Formal Languages & Automata Package, developed by Dr. Rodger and her students at Duke University.

Grade Evaluation

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<tr>
<th>Theoretical Component (50%)</th>
<th>Practical Component (50%)</th>
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<tr>
<td>40% Midterm, Tue, October 11, 9:30-10:45 am</td>
<td>100% Any in-class quizzes, written homework and laboratory (JFLAP) assignments</td>
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<td>60% Finals, Tue, December 13, 12:00-1:50 pm</td>
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Also see the on-line syllabus for details of final grade calculation.

Additional Information
http://www.ecst.csuchico.edu/~juliano/csci550/
http://www.ecst.csuchico.edu/~juliano/Computing/
http://portal.csuchico.edu/