Course Outline

COURSE: GUID 564  DIVISION: 30  ALSO LISTED AS:

TERM EFFECTIVE: Fall 2010  Inactive Course

SHORT TITLE: DIR STDY LAB PREALG

LONG TITLE: Directed Study Lab in Pre-Algebra

<table>
<thead>
<tr>
<th>Units</th>
<th>Number of Weeks</th>
<th>Type</th>
<th>Contact Hours/Week</th>
<th>Total Contact Hours</th>
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<tr>
<td>1</td>
<td>18</td>
<td>Lecture</td>
<td>0</td>
<td>0</td>
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<tr>
<td></td>
<td></td>
<td>Lab</td>
<td>3</td>
<td>54</td>
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<tr>
<td></td>
<td></td>
<td>Other</td>
<td>0</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Total</td>
<td>3</td>
<td>54</td>
</tr>
</tbody>
</table>

COURSE DESCRIPTION:

This course is designed for students who are eligible to receive Learning Disability Services and/or who have demonstrated difficulty in mastering pre-algebra. The course content parallels Mathematics 402. The material is presented in a concrete, multi-sensory manner, and the lab environment allows opportunity for immediate practice questions, repetition and review. Units earned do not count towards the associate degree and/or certificate requirements. This is a pass/no pass course. COREQUISITE: Concurrent enrollment in MATH 402. ADVISORY: Completion of Guidance 557 and/or a demonstrated deficit in Mathematics. Recommended for students with verified learning disability.

PREREQUISITES:

COREQUISITES:

MATH 402

CREDIT STATUS: C - Credit - Degree Non Applicable

GRADING MODES

P - Pass/No Pass

REPEATABILITY: R - Course may be repeated
Maximum of 99 times, 100 credit hours

SCHEDULE TYPES:

04 - Laboratory/Studio/Activity

STUDENT LEARNING OUTCOMES:
CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS

Inactive Course: 11/23/2009
Course was combined with GUID 562.

3 Hours
Exponents, order of operations, and introduction to variables and algebraic expressions. Students will apply order of operations correctly. Students will demonstrate knowledge of algebraic expressions.

6 Hours
Introduction to integers. Operations on integers. Students will practice working with positive and negative numbers.

9 Hours
Simplifying algebraic expressions, solving linear equations in one variable, translating word expressions, and application problem solving. Students will analyze and solve word problems involving practical everyday applications for business and consumer use.

10 Hours
Operations on fractions and mixed numbers. Solving equations with fractions. Students will practice basic operations on fractions.

9 Hours

9 Hours
Percents, solving percent problems, and applications of percent to sales tax, discounts, commissions, and interest. Students will demonstrate ability to solve percent problems relating to business and commercial activities.

3 Hours
Ratios and rates. Students will practice working with ratios, rates and proportions.

3 Hours
Area and volume and review. Students will demonstrate knowledge of units of measurement. Students will review for chapter tests at the end of each chapter.

2 Hours
Final Exam.
METHODS OF INSTRUCTION:
Lecture, problem demonstrations, questions and answers, discussion, group problem solving, and practice tests.

METHODS OF EVALUATION:
The types of writing assignments required:
None
The problem-solving assignments required:
Other: In class problem solving.
The types of skill demonstrations required:
None
The types of objective examinations used in the course:
None
Other category:
Participation in class discussions and question and answer sessions and completion of practice tests.
The basis for assigning students grades in the course:
Writing assignments: 0% - 0%
Problem-solving demonstrations: 49% - 51%
Skill demonstrations: 0% - 0%
Objective examinations: 0% - 0%
Other methods of evaluation: 49% - 51%

REPRESENTATIVE TEXTBOOKS:
Reading level of text: Math Dept. Text

ARTICULATION and CERTIFICATE INFORMATION
Associate Degree:
CSU GE:
IGETC:
CSU TRANSFER:
Not Transferable
UC TRANSFER:
Not Transferable

SUPPLEMENTAL DATA:
Basic Skills: B
Classification: B
Noncredit Category: Y
Cooperative Education:
Program Status: 2 Stand-alone
Special Class Status: S
CAN:
CAN Sequence:
CSU Crosswalk Course Department:
CSU Crosswalk Course Number:
Prior to College Level: C
Non Credit Enhanced Funding: N
Funding Agency Code: Y
In-Service: N
Occupational Course: E
Maximum Hours:
Minimum Hours:
Course Control Number: CCC000197926
Sports/Physical Education Course: N
Taxonomy of Program: 170200