1. Provide the complete description as it appears in the system common course database including prerequisites.

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>MATH 575</td>
<td>Operations Research</td>
<td>3</td>
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Course Description:
Philosophy and techniques of operations research, including game theory; linear programming, simplex method, and duality; transportation and assignment problems; introduction to dynamic programming; and queuing theory. Applications to business and industrial problems. Prerequisite: introductory statistics and one year of calculus, or permission of the instructor.

2. Universities currently offering this course:

   _____ BHSU   _____ DSU   _____ NSU   _____ SDSMT   _____ SDSU   X   USD

3. FTE Implication

   X   No.  Schedule Management, explain: This course and dual-listed MATH 475 will alternate fall semesters with ME 661 Operations Research which is currently being offered every fall.

4. Existing program in which course will be offered: S.MS.MATH

5. CIP code for the common course 14.3701

6. Proposed Instructional Method by this university: R Lecture

7. Proposed delivery method by this university: 001 Face to Face Term Based Instruction

8. University Dept. Code SMATH

9. Authority to offer effective beginning in what term? Fall 2011

10. Section Restriction: None