

Iowa State University
Dean of Students Office
Supplemental Instruction-Academic Success Center

**History of Supplemental Instruction at Iowa State University
Fall 1996 through Spring 2009**

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Introduction

Supplemental Instruction (SI) has been offered at Iowa State University since 1992. In its early years, the program supported only a few courses. As the program grew in all dimensions, assessment and program evaluation established the strength and validity of SI as a successful academic support program.

Assessment reports have been maintained continuously since the fall 1999 semester, but the reports have been developed and organized by semester. Unlike other reports, this series of documents summarizes SI by course for all semesters SI was offered. What follows are summaries based on the available printed resources.

As SI evolved, so has the assessment and reporting procedures, which does lead to some inconsistencies in how these course summaries are compiled. Hence, it is important to understand the following:

Reporting shifted over time based on the following SI Coordinators.

- ◆ Reports through fall 2004: Kari Hensen
- ◆ Spring 2005 through Spring 2006: Marissa Cope
- ◆ Fall 2006 to present: Craig Zywicki

Since Fall 2006, three different report formats are available, based on:

- ◆ All students in a course (This is the basic course report.)
- ◆ All instructors for a course (If only one instructor, the Instructor report is the same as the course report.)
- ◆ All SI Leaders for a course (If only one SI Leader, the Leader report is the same as the course report.)

Variations of these reports have been completed over time, including reports based on the sections of a course. In the course summaries of this document, the overall course data is provided, unless the data was reported only by sections. This is noted in the

SI Offerings

The document titled "SI Offerings By Semester" indicates which courses had at least one SI Leader. A blank cell indicates SI was not offered.

Column Heading Descriptors

Each document provides an description of the variables. However, since data have been reported inconsistently, the following overview of descriptors provides more detail.

Leaders (Section). The number in this column first identifies the number of SI leaders who served students the identified semester. For some semesters prior to fall 2006, this column may identify which section is being reported. A ? indicated that the number of SI Leaders serving this course (or section) is not known.

Sessions Offered. This is the total number of sessions offered during the indicated semester, regardless of the attendance count at each session. Through the spring 2004 semester, SI Leaders facilitated two 90-minute regularly scheduled sessions per week. Since the fall 2004 semester, SI Leaders have been facilitating three 50-minute regularly scheduled sessions per week.

Unduplicated Headcount. This is the number of students who participated in SI sessions, regardless of the number of sessions

Contact Hours. This is a count of the total number of hours students were in attendance at SI sessions. Through spring 2004, each participant at a session accounted for 1.5 contact hours. Beginning with fall 2004, SI Leaders began facilitating three scheduled sessions per week for 50 minutes each session. At this time, a 50 minute session was considered "1 contact hour."

Final Grades for participants and non-participants. These are the final grade averages in the 4.0 GPA format, for participants and non-participants. Students who received any grade besides an A-F grade are not included in this calculation.

Statistical Significance (Sig.). This is a comparison of the final grades between the group of SI participants and non-participants. In general, the grade difference is considered statistically significant at the $p < .05$ level. Beginning with the fall 2007 semester, statistical significance has been reported as three different significance levels.

Course Withdrawals. We have been reporting consistently the number of students who withdraw (drop out) of a course) based on their participation in SI.

Course Enrollments. The total number of students enrolled in a course.

SI Course Offerings by Semester, Fall 1996 to Spring 2009

"Y" = SI was Offered; "****" = SI is anticipated

Course	1996 fall	1997 spring	1997 fall	1998 spring	1998 fall	1999 spring	1999 fall	2000 spring	2000 fall	2001 spring	2001 fall	2002 spring	2002 fall	2003 spring	2003 fall	2004 spring	2004 fall	2005 spring	2005 fall	2006 spring	2006 fall	2007 spring	2007 fall	2008 spring	2008 fall	2009 spring	2009 FALL (Anticipated)
A ECL 310											Y		Y		Y		Y		Y		Y		Y		Y		
A ECL 365																			Y		Y		Y		Y		
AN S 214																										Y	
ACCT 284							Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
ACCT 285																											
FIN 301											Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
FIN 350							Y	Y	Y	Y																	
BIOL 201/211	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
BIOL 202/212				Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
CHE 210															Y		Y		Y		Y		Y				
CHE 310														Y				Y		Y							
CHE 356														Y				Y		Y				Y		Y	
E E 201						Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y							
E E 202								Y																			
ENGR 161						Y	Y																				
CHEM 163	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
CHEM 164		Y		Y													Y					Y		Y		Y	
CHEM 165						Y																					
CHEM 167	Y		Y	Y	Y	Y	Y	Y					Y	Y	Y	Y	Y	Y	Y	Y	Y		Y		Y		
CHEM 177	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
CHEM 178	Y	Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
CHEM 231																						Y	Y	Y	Y	Y	
CHEM 331							Y	Y	Y	Y	Y															Y	
ECON 101			Y	Y	Y		Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
ECON 102							Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
FSHN 167								Y			Y	Y															
HIST 202								Y																			
MATH 140	Y	Y																									
MATH 142	Y	Y	Y	Y	Y	Y	Y	Y																		Y	
MATH 150	Y	Y	Y			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	
MATH 151		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MATH 165	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MATH 166	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MATH 265	Y	Y			Y							Y															
PHYS 106		Y																									
PHYS 111		Y	Y	Y	Y	Y		Y														Y	Y	Y	Y	Y	
PHYS 221		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
PHYS 222		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SOC 134																										Y	
SPAN 97																				Y							
SPAN 102																		Y									
STAT 101		Y						Y	Y	Y	Y																
STAT 104		Y																									
STAT 227							Y	Y	Y	Y	Y	Y	Y	Y	Y	Y											
ZOOL 155						Y					Y	Y	Y	Y	Y	Y											

BIOL 201 and 202 were renumbered as BIOL 211 and 212 beginning with the fall 2005 semester.