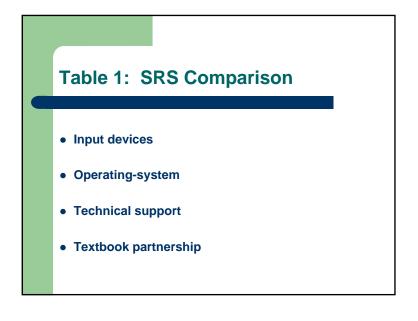
# Clickers in the Classroom: A Comparison of Interactive Student-Response Keypad Systems Roger C. Lowery, Ph.D. Department of Political Science University of North Carolina Wilmington Disclaimer: the author is not affiliated with and has no financial interest in any SRS manufacturer or distributor.

# Record attendance Assess student preparation & comprehension During lecture/discussions Prepared questions Spontaneous questions Quizzes or exams Administer Grade Post Collect data on students or others

# SRS Components Student input devices Wireless IR or RF keypads and receiver(s) Web-based devices: PDA, smart calculators, text-messaging cell-phones, PC SRS Software Classroom projection system (optional)



### **SRS Benefits to Students**

- Improved student learning
  - Attendance
  - Preparation
  - Comprehension and retention
  - Participation
  - Collaborative learning
  - Satisfaction
- Increased enrollment retention

## **Additional SRS Benefits**

- Reduced paperwork and faculty labor
  - Attendance
  - Quiz/test administration
  - Grading
- Portable vote-tally system for research & service
  - On campus
  - In the community

# **SRS Benefits to Faculty**

- Comprehensive feedback on lecture/discussion
  - Pace
  - Content
  - Interest
  - Comprehension
- Useful data on student characteristics
  - Demographics
  - Attitudes
  - Behaviors
- Better assessment of student needs

# **Factors to Consider in SRS Adoption**

- Cost & performance of student input devices
  - IR keypad
  - RF keypad
  - Web-based devices
- SRS software learning curve & flexibility
  - Import/export data to grade-book or statistical packages
  - Integrate with MS-Office
- Textbook bundling
- Department-wide or campus-wide standardization