

Par SCORE

Version 6.5

Training Workbook



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Introduction

What is ParSCORE?

- ParSCORE v6.5 interfaces with your Scantron Scanner for computerized test scoring and test analysis. ParSCORE also offers record keeping, automatic scoring, grade book flexibility, attendance tracking and extensive reporting and analysis options. When used in conjunction with each other, these features can assist instructors in aligning assessment and curriculum to meet state standards.

Contacting Scantron

Product Support

Our Technical Support Department can be reached at (800) 445-3141 or by Fax at (949) 639-7512 or by E-mail: Support@Scantron.com

We are open Monday through Friday – 5:30 a.m. to 4:30 p.m. (Pacific Time Zone). Closed Weekends and Holidays.

On the Web: <http://www.scantron.com>

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What's New?

ParSCORE v6.5 includes the following additional features:

Partial Credit – Add partial credit points to weight answer options in the Keys tab.

Bonus Questions – Mark questions in the Keys tab as “Bonus” questions. Point values will not be added to the total possible points of the test.

Test Score Distribution Chart – Produce a bar graph of student scores for any test listed in the Roster tab by using the Test Score Distribution Chart.

Subtest Reports Listed in Reports Menu – Access the subtest reports by selecting ‘Subtest Reports and Charts’ from the Reports menu as an alternative to clicking the subtest icon on the Roster tab.

Subtest Results Distribution Chart – Select any subtest from the main Subtesting dialog box and produce a Subtest Results Distribution Chart. View percentage of students who passed each subtest or mean scores for up to 15 subtests per test.

Mastery Group Performance Chart – Create a bar graph of the Mastery Report information by selecting ‘Mastery Group Performance Chart’ in the Mastery Report dialog box.

Export of Item Analysis Report Data – Export the data from the Item Analysis Report in CSV format.

Export of Consolidated Item Analysis Report Data – Export the data from the Consolidated Item Analysis Report in CSV format

Export of Subtest Class Report Data – Export the data from the Subtest Class Report in CSV format

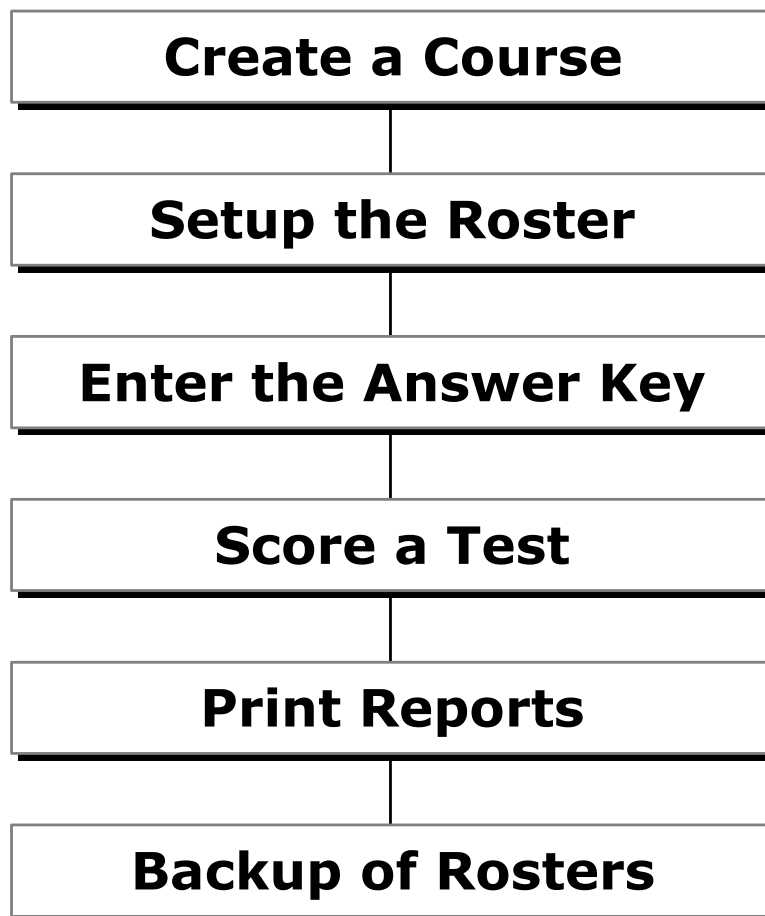
Create Subtests Before Scoring – You are no longer required to enroll students or score a test before creating subtests. Simply create a score column and answer key, and then you can create a subtest.

Print Subtest Criteria Report Before Scoring – You are no longer required to score a test before printing the subtest settings in the Subtest Criteria Report.

Post All Subtests to Roster Simultaneously – Instead of posting subtests to the Roster tab one at a time, you can now select multiple subtests to post at the same time.

Omitted Items Displayed on Detailed Student Test Report – In addition to Multiple Marks, Omitted Responses are now also listed at the bottom of the Detailed Student Test Report.

The “Whole” Picture



Administrator’s Default Grading Criteria

ParSCORE ships with predefined Grading Criteria that is provided as a starting point and as an example. It can be used as is, or edited.

The Administrator can define Default Grading Criteria so that each ParSCORE user may apply the set to their newly created course automatically.

| Default Grading Criteria | | | |
|--------------------------|------|-----------------|-------|
| Description | Code | Minimum Percent | Grade |
| Withdrawal | W | 0.00 | W |
| Incomplete | I | 0.00 | I |
| Credit | CR | 70.00 | CR |
| No Credit | CR | 0.00 | NC |
| Excellent | ?? | 90.00 | A |
| Good | ?? | 80.00 | B |
| Average | ?? | 70.00 | C |
| Poor | ?? | 60.00 | D |
| Failure | ?? | 0.00 | F |

If you need to make any modifications to the Default Grading Criteria – Select the Options pull-down menu to make any necessary changes.

The ParSCORE user will only see these changes if they select “Use Default Grading Criteria from the Administrator” in the ParSCORE Options pull-down menu once they Login to their Course List screen.

Starting ParSCORE

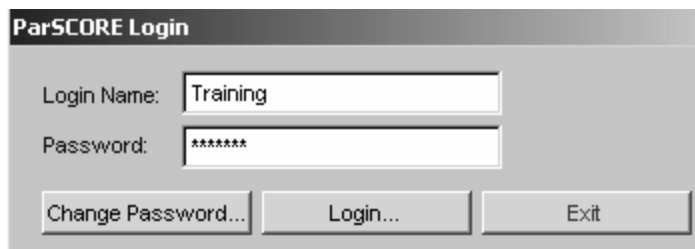
What are the Basic Steps?

- Login to ParSCORE
- Verify Communications with your Scantron Scanner
- Create a New Course
- Create Score Columns on the Roster Tab
- Verify the Grading Criteria in use
- Add your Answer Key
- Score Students Tests
- Print your desired Reports

Optional: Subtesting, Attendance, Exporting Data, Quick Builder

User Login

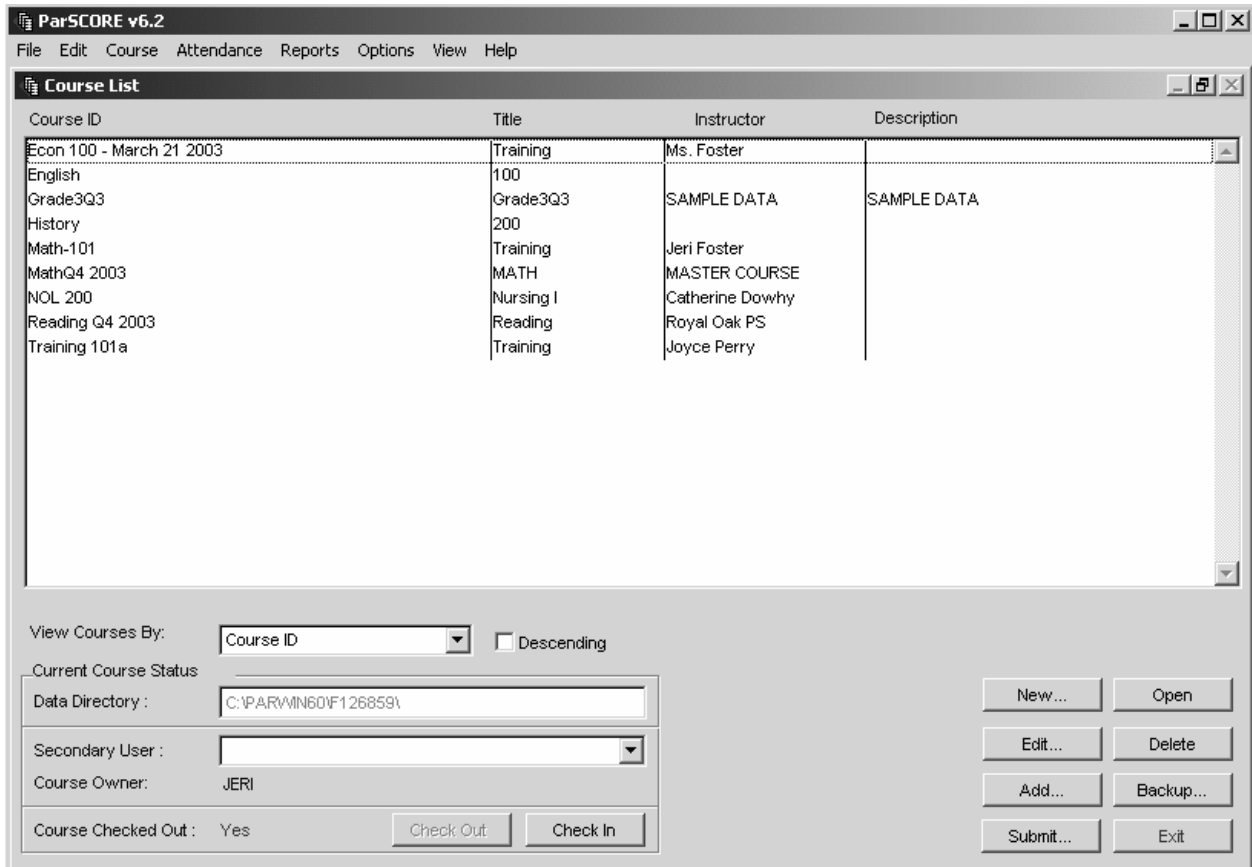
- Select Start, Programs
- ParSCORE
- ParSCORE
- Enter your Login Name and Password



The screenshot shows a dialog box titled "ParSCORE Login". It contains two text input fields: "Login Name:" with the text "Training" entered, and "Password:" with "*****" entered. Below the fields are three buttons: "Change Password...", "Login...", and "Exit".

After you Login to ParSCORE – the Course List will be displayed:

(This screen may be re-sized and/or maximized for better viewing)



ParSCORE Standard Forms

Ink and Pencil Read Scanners:

F-288-PAR

F-289-PAR

F-1712-PAR

F-17355-PAR

F-3652-PAR

F-11852-PAR (Barcode form for 4000/5500)

F-14501-PAR

F-14507-PAR

F-17355-PAR

Ink Read Scanners can only use forms printed with “Red tones”

Error Marking Scanners Only:

F-16457-PAR-L

ES Scanners: 2010, 2260, or 2800 (Firmware .03D or above)

One version of the test (Version “A”)

Pencil Read Scanners Only:

X-101864-ERI Combo form for 48 Channel and Test Scoring
Machines

F-11691-STC Attendance Form

A Custom form can be added to ParSCORE. Contact your Scantron Sales Representative for complete details. A Form Definition **MUST** be created in order for ParSCORE to recognize the form. No Custom Forms for the Error feature.

Creating a New Course

Select "New" from the Course List screen

Enter the Information for the Course

- Instructor (20 characters) Optional
- **Course # (50 characters) Required**
- **Course Title (20 characters) Required**
- Description (30 characters) Optional
- Time (10 characters) Optional
- Day (5 characters) Optional
- Term (10 characters) Optional

| Course Setup | | | |
|---|-------------------|-------|----------|
| Instructor's Name: | Ms. Foster | Time: | |
| Course #: | PAR-1300 | Day: | |
| Course Title: | ParSCORE Training | Term: | Spr 2001 |
| Description: | Sample Data | | |
| <input type="button" value="OK"/> <input type="button" value="Import DOS Files"/> <input type="button" value="Cancel"/> | | | |

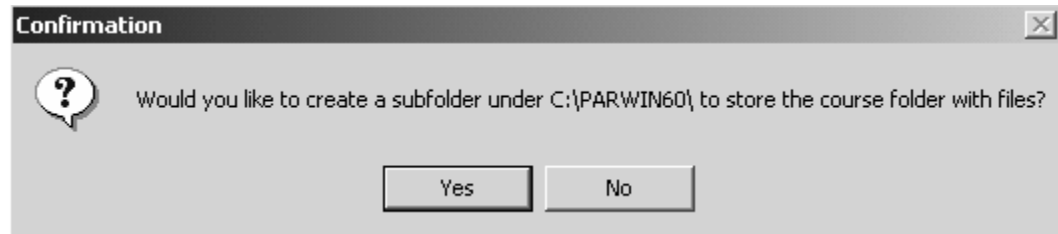
Select "OK" when finished

Select "Select" to Save the Course

- C:\PARWIN for the Single User Version
- X:\PARLAN for the Network-LAN Version – X is your network drive letter where ParLAN is installed.

Do not save the Course Files to the A:\ – It will eventually **FAIL!**

If you would like to create a subfolder - Select "Yes" (*Optional*)
If you do not need a subfolder – Select "No"



ParSCORE will assign a unique number and folder to each course

For Example: C:\PARWIN\F059125

Select "OK" on the Information Window

You will now be returned to the Course List screen.

Opening a Course: Select the "Open" button
Double-click on the highlighted Course
Press "Enter" on the highlighted Course

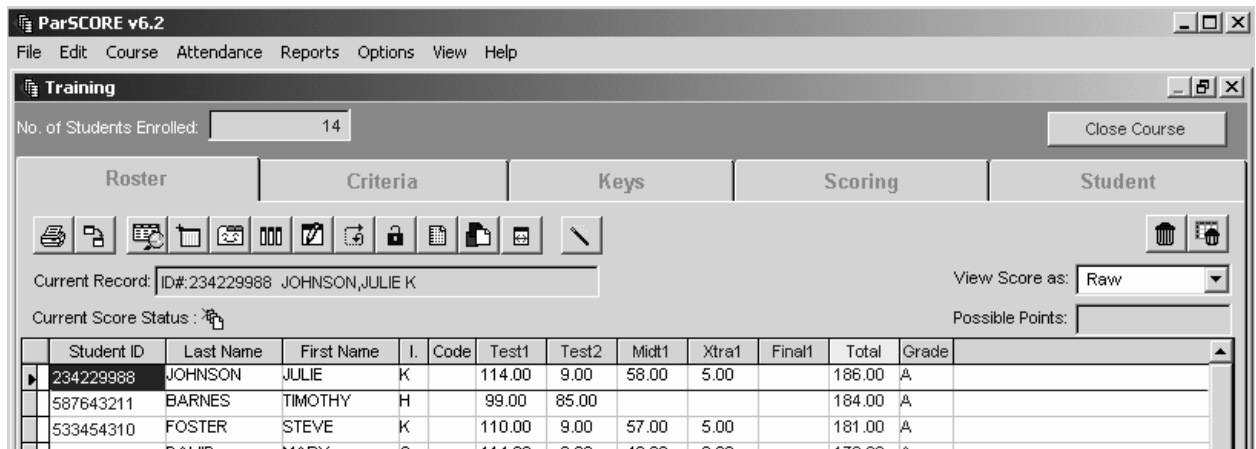
The Course Files should be backed up on a regular basis. Highlight the Course and Select Backup. We recommend the backup files are saved to another location other than your ParSCORE directory.

If the course is corrupted – you can restore your files using the backup files.

The "Add" is used to restore the backup course files.

"Check-In" and "Check-Out" are used to move the course files from two stand-alone installations of ParSCORE.

A single Secondary user can be assigned to each course if needed. After the Course is open – You will see pull-down menus at the top of the screen and toolbars on each of the 5 Tabs:



What are the 5 Tabs used for?

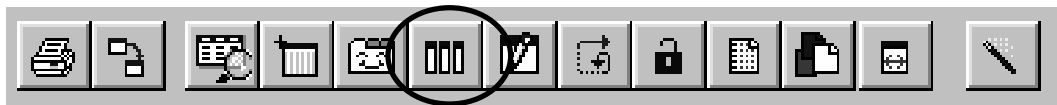
- Roster:** Contains rows and columns that hold student data, test scores, and grades.
- Criteria:** Supplies ParSCORE with the information needed to assign grades to students.
- Keys:** Supplies ParSCORE with the data necessary to score tests. Answer Keys must be entered prior to scoring. You can Import from ParTEST, ParTEST Online, Scan a ParSCORE form, enter the key by the keyboard, or import from a CSV file.
- Scoring:** Is used to scan in student's test forms. You have the option of Auto Enrollment, Printing option (*dependent on scanner*), Inspect Multiple and/or Omitted marks.
- Student:** Contains the Student Enrollment records. Students can be enrolled during or prior to scanning. You may Add, Edit, and/or Delete Student Enrollment records.

Setting up the Roster

Your first step is to add at least one score column in order to save any imported or scanned data.

Select the Add Score Columns icon (shown below)

Hint: it looks like 3 birthday candles



Select a Category (*The maximum is 99 columns*)

Enter the Number of Columns (*The maximum is 99 columns*)

Enter the Possible Score (*optional*)

Add a Subtotal Column (*optional*)

Select "Add"

Repeat steps 1 - 4 if you wish to add score columns for another category.

Add Score Columns

| Category Order | Category | No. of Columns | Possible Score | Add a Subtotal Column |
|----------------|----------|----------------|----------------|--------------------------|
| 1 | Quiz | 0 | 0.00 | <input type="checkbox"/> |
| 2 | Midt | 0 | 0.00 | <input type="checkbox"/> |
| 3 | Exam | 0 | 0.00 | <input type="checkbox"/> |
| 4 | Labs | 0 | 0.00 | <input type="checkbox"/> |
| 5 | Essy | 0 | 0.00 | <input type="checkbox"/> |
| 6 | Rept | 0 | 0.00 | <input type="checkbox"/> |
| 7 | Xtra | 0 | 0.00 | <input type="checkbox"/> |
| 8 | Attd | 0 | 0.00 | <input type="checkbox"/> |
| 9 | Finl | 0 | 0.00 | <input type="checkbox"/> |
| 10 | Bonu | 0 | 0.00 | <input type="checkbox"/> |

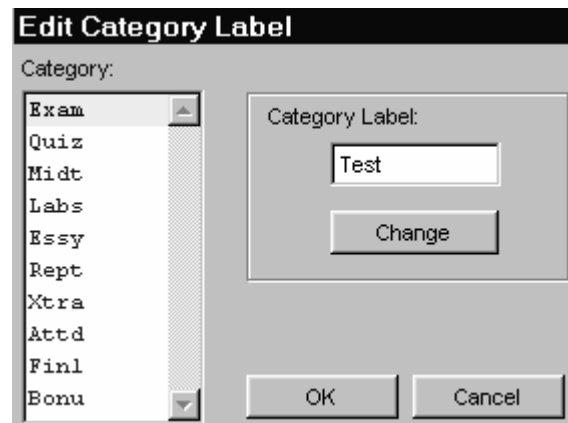
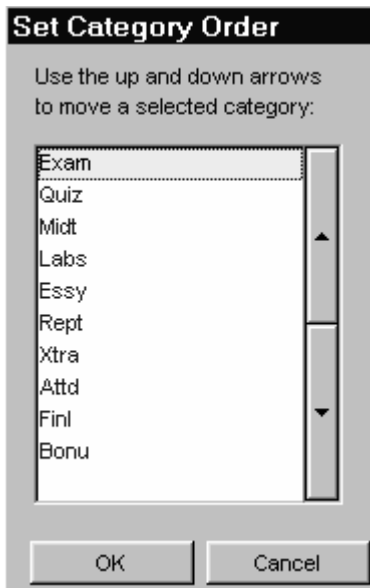
Set Order & Edit Label:

Select "Set Order" if you need to rearrange the order of the score columns.

For Example: I selected "Exam, Midt, Rept, and Finl" for my columns and I use the "Set Order" option to place "Rept" before the "Midt" column.

Select "Edit Label" if you need to change the default label name(s).

For example: I need a "Test" column – instead of Quiz.



Student Enrollment

In order for ParSCORE to score a test – it needs to have Enrollment records for each student. These records can be imported from a file, Scanned with a ParSCORE Enrollment form, entered by the keyboard, or using the Auto Enrollment feature.

The Auto Enrollment allows you to enroll students and score a test at the same time.

The Student ID Length can be configured from 1 digit up to 10 digits. ParSCORE uses a default Student ID Length of 9 characters. If you need to change this – Select the Enrollment Setup located under the Options pull-down menu.

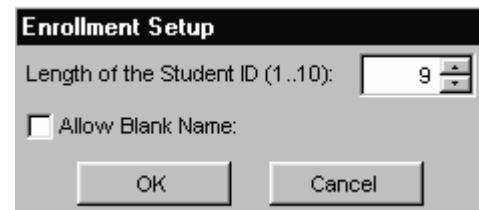
A unique ID number with all students sharing the same number of digits is **REQUIRED** for each student. This number is used by ParSCORE to track each student.

Enrollment Data consists of: ID Number, Name, Telephone Number, Code, and 8-Optional Data fields.

Select “Allow Blank Name” if you are using a form without a name grid or you do not need the student name in ParSCORE.

“Allow Blank Name” works with the Auto Enrollment feature.

Contact your Scantron Sales Representative regarding custom forms for customized alphanumeric ID and/or optional fields.



Student Profile Data

If you wish to include more student profile information, you may customize up to **eight** optional columns with headings of your choice. These optional columns may be used for demographic information. The optional columns are available for importing, exporting, and reporting. The Optional fields are 20 characters in length – A to Z and 0 to 9.

You can have a custom form created to utilize these fields or you can use the ParSCORE default form F-14501-STC that contains 3 optional fields. Your scanner must have a second read-head in order to read the form.

Customize the Headings:



Erase the Contents:



| Comment | Address | City | Zip Code |
|------------------------|-----------------|----------------|----------|
| Class Report Completed | 1234 Brookridge | Mission Viejo | 92669 |
| | 1234 Poppy | Newport Beach | 92650 |
| | 9823 Fair Drive | Costa Mesa | 92626 |
| | 1234 Redhill | Tustin | 92780 |
| | 10 Magnolia | Corona Del Mar | 92621 |
| | 9931 Victoria | Costa Mesa | 92626 |
| | | | |
| | 19 Goldenrod | Corona Del Mar | 92621 |

Grading Criteria

ParSCORE ships with predefined Grading Criteria that is provided as a starting point. It can be used as is, or edited. Changes that are made to the Grading Criteria can differ from course to course. The Grading Criteria can be saved to a file for importing into new or existing courses.

In the Grading Criteria – you are defining the Minimum Percent required to receive the grade indicated.

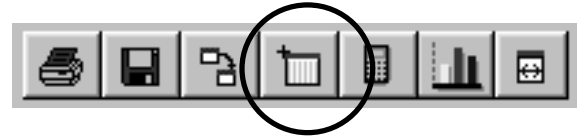
The failure or lowest grade must be at “0.00”.

The Code of “??” is a blank code or if a student marks a invalid code on the form – it will default back to the blank “??” code for the grade assignment.

| Default Grading Criteria | | | |
|--------------------------|------|-----------------|-------|
| Description | Code | Minimum Percent | Grade |
| Withdrawal | W | 0.00 | W |
| Incomplete | I | 0.00 | I |
| Credit | CR | 70.00 | CR |
| No Credit | CR | 0.00 | NC |
| Excellent | ?? | 90.00 | A |
| Good | ?? | 80.00 | B |
| Average | ?? | 70.00 | C |
| Poor | ?? | 60.00 | D |
| Failure | ?? | 0.00 | F |

Adding a Criteria Record:

- Select add a criteria record
- Enter a unique code or ??
- Enter a description (optional)
- Enter a minimum percent
- Enter a grade and Select "Add"



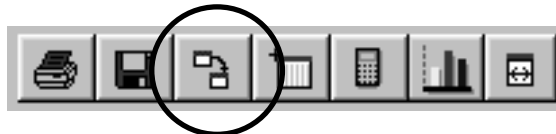
–Continue steps 2 to 5 until finished.

Saving Grading Criteria to a File:



You can save the Grading Criteria to a file (.DBF extension) for use in an existing course or new courses. The Grading Criteria will be available to all users of ParSCORE.

Importing Grading Criteria from a File:



Once you have saved your Grading Criteria to a file – you can import the information into a new or existing course.

Deleting Grading Criteria:

Once you have marked the criteria records for deletion – Select the single trashcan to complete the deletion. You can also delete All Grading Criteria.

| | Description | Code | Minim |
|--|-------------|------|-------|
| | WITHDRAWAL | W | 0.00 |
| | INCOMPLETE | I | 0.00 |
| | CREDIT | CR | 70.00 |
| | NO CREDIT | CR | 0.00 |
| | EXCELLENT | ?? | 90.00 |
| | GOOD | ?? | 80.00 |
| | AVERAGE | ?? | 70.00 |
| | POOR | ?? | 60.00 |

Answer Keys

Answer Keys provide the information necessary to score tests. Answer keys can be scanned, imported, or entered by the keyboard. Prior to “Scoring a Test” – the Answer Key **MUST** be entered.

ParSCORE supports:

- A maximum of 200 Questions
- A maximum of 26 versions of the test
- A maximum of 26 responses per question

Verify the scannable form being used for the maximum number questions, test versions and responses.

The screenshot displays the ParSCORE software interface. On the left is a table with columns for Item, Answer, Point, and Penalty. The table contains 31 rows of data. On the right is a control panel with various settings and buttons. A tooltip is visible over the table, and a status bar at the bottom shows the possible raw score.

| Item | Answer | Point | Penalty |
|------|--------|-------|---------|
| 1 | A | 1.00 | 0.00 |
| 2 | B | 1.00 | 0.00 |
| 3 | A | 1.00 | 0.00 |
| 4 | C | 1.00 | 0.00 |
| 5 | A | 1.00 | 0.00 |
| 6 | D | 1.00 | 0.00 |
| 7 | A | 1.00 | 0.00 |
| 8 | E | 1.00 | 0.00 |
| 9 | A | 1.00 | 0.00 |
| 10 | B | 1.00 | 0.00 |
| 11 | A | 1.00 | 0.00 |
| 12 | C | 1.00 | 0.00 |
| 13 | D | 1.00 | 0.00 |
| 14 | D | 1.00 | 0.00 |
| 15 | A | 1.00 | 0.00 |
| 16 | A | 1.00 | 0.00 |
| 17 | B | 1.00 | 0.00 |
| 18 | B | 1.00 | 0.00 |
| 19 | C | 1.00 | 0.00 |
| 20 | E | 1.00 | 0.00 |
| 21 | A | 1.00 | 0.00 |
| 22 | B | 1.00 | 0.00 |
| 23 | B | 1.00 | 0.00 |
| 24 | C | 1.00 | 0.00 |
| 25 | A | 1.00 | 0.00 |
| 26 | D | 1.00 | 0.00 |
| 27 | A | 1.00 | 0.00 |
| 28 | B | 1.00 | 0.00 |
| 29 | D | 1.00 | 0.00 |
| 30 | E | 1.00 | 0.00 |
| 31 | A | 1.00 | 0.00 |

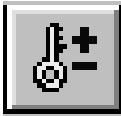
Control Panel Details:

- Category: Quiz 1, Exam 1
- Subjective Score: 0
- Version: A
- Buttons: Add, Remove
- Scanner Settings: And (e.g. A+B), Or (e.g. AB)
- Buttons: Scan Keys, Rescore Roster
- Status Bar: Possible Raw Score= 40.00



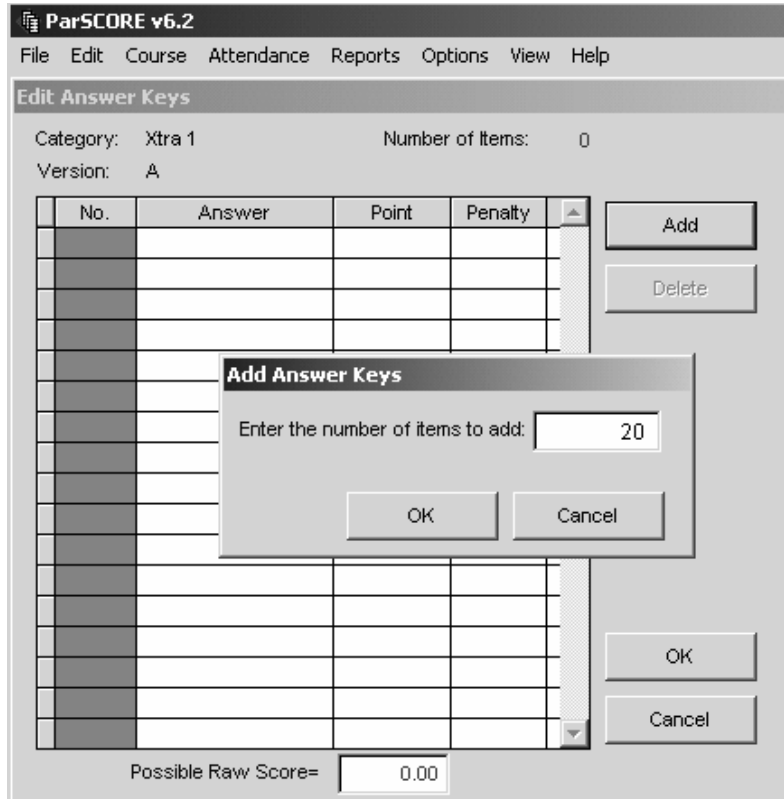
Using a standard ParSCORE form:

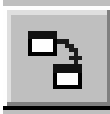
- Bubble in the correct answers
- Bubble in the Test Form Version
- Bubble in the Exam Number to Add your Total Possible Essay Points
- Select "Scan Keys" to begin



Keyboard Entry:

- Select Add
- Enter the number of test items
- Select OK
- Enter the correct answer for each question
- Select OK





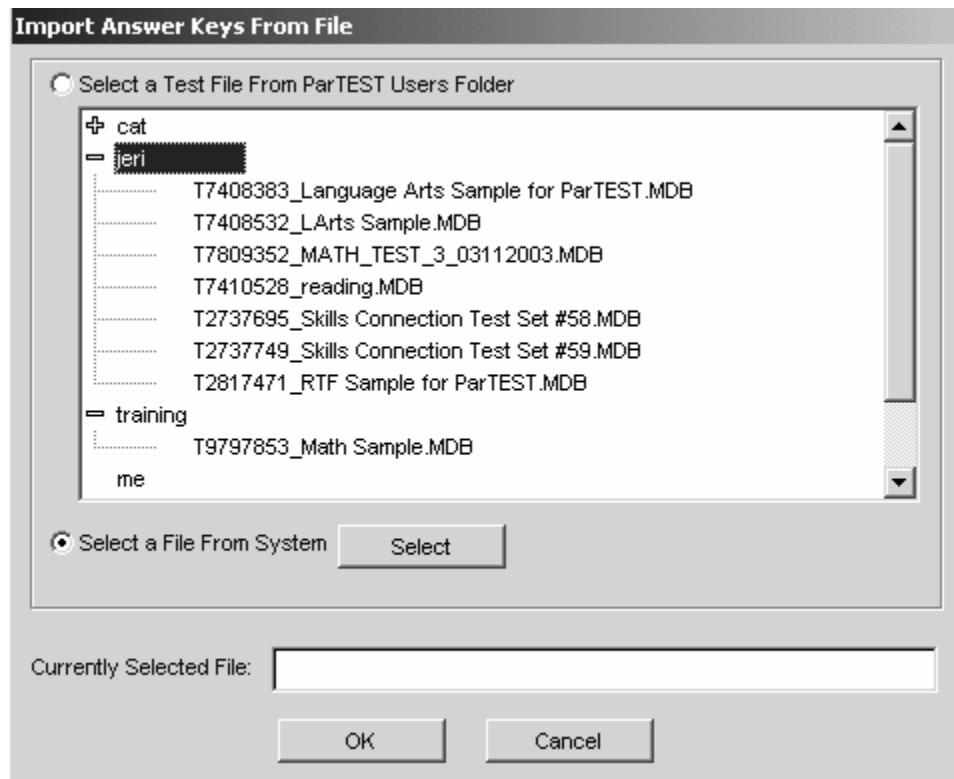
Importing the Answer Key:

Answer Keys can be imported from ParTEST, ParTESTOnline, and from a saved ParSCORE file.

- .PSK - ParSCORE Saved Answer Key
- .EXM - ParTEST DOS Test File
- .MDB - ParTEST Test File
- .TOL - ParTEST Online Test File
- .CSV - ParSCORE CSV Answer Key File

Selecting the import option will bring you to a list of the ParTEST directory.

Select the desired user and the desired test file



Select a File From System for (.PSK, .EXM, .TOL, or .CSV files)

Browse to the correct drive and directory

Select the appropriate file

Choose "Select" to complete the import process

Verify the imported data

Automatic Credit & Multiple Answers:

Within the Answer Key Tab you can specify Automatic credit and Multiple Answers.

Automatic Credit:

Change the Answer to: *

- All students receive credit for the question
- You can specify a point value or a zero point value

Multiple "AND" Answers:

Enter all required Answers: A+B

- All students receive credit for marking ALL
- Partial credit is not allowed

Multiple "OR" Answers:

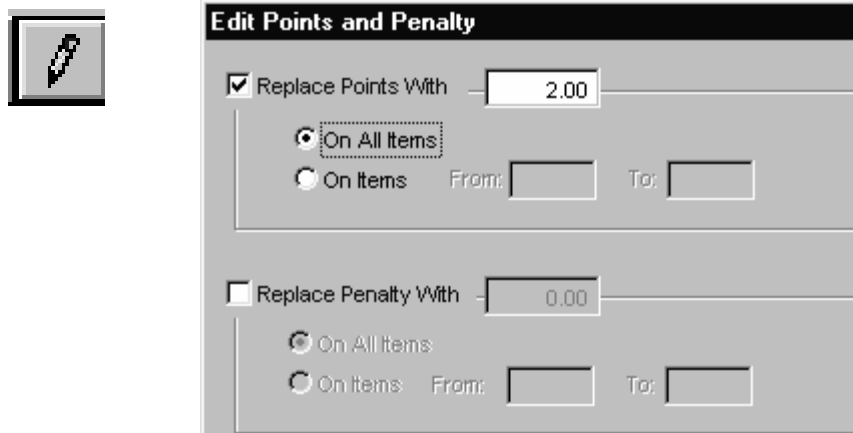
Enter all possible Answers: ABC

- All students receive credit for marking ANY

| | Item | Answer | Point | Penalty |
|--|------|--------|-------|---------|
| | 1 | A+B | 1.00 | 0.00 |
| | 2 | ABC | 1.00 | 0.00 |
| | 3 | * | 1.00 | 0.00 |
| | 4 | A | 1.00 | 0.00 |
| | 5 | B | 1.00 | 0.00 |
| | 6 | C | 1.00 | 0.00 |
| | 7 | AB | 1.00 | 0.00 |

Modifying the Question Weight/Point and Penalty:

The Question weighting and penalty points can be changed by selecting the “edit” button located on the tool bar (icon shown below). Enter the value desired for all items or on a group of items. If you need to change an individual item – just select it from the Key Tab.

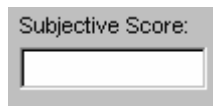


The image shows a dialog box titled "Edit Points and Penalty". On the left is a pencil icon. The dialog has two main sections. The first section is for "Replace Points With" and is checked. It has a text input field containing "2.00". Below this are two radio button options: "On All Items" (which is selected) and "On Items". The "On Items" option has two sub-input fields labeled "From:" and "To:". The second section is for "Replace Penalty With" and is unchecked. It has a text input field containing "0.00". Below this are also two radio button options: "On All Items" and "On Items", with "From:" and "To:" sub-input fields for the "On Items" option.

Possible Essay Points:

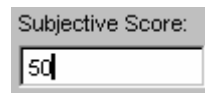
Essay points can be added by filling in the EXAM Number field on the ParSCORE standard form. If Essay points are NOT being added – leave the Exam number field on the KEY blank. As long as the KEY is left blank, the system will NOT add Essay points to the test.

NO Essay Points 50



A rectangular input field with the label "Subjective Score:" above it. The field is empty.

Essay Points

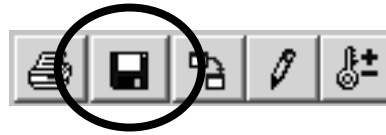


A rectangular input field with the label "Subjective Score:" above it. The field contains the number "50".

Removing Unused Version of the Key:

If you are going to perform subtesting you will need to remove the unused version of the test key. Select each unused version and select “Remove”.

Saving the Answer Key:



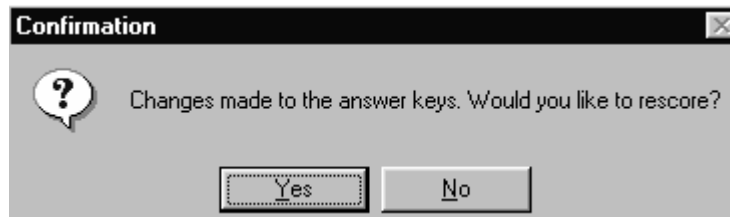
You can save the current Answer Key for reuse in another ParSCORE course.

- Select Save Answer Keys
- Select the folder where you wish to save the answer key
- Save the answer key with a .PSK extension
- Select Save

Rescore Roster:



If you need to make changes to your key, the student's scores can be updated without having to re-scan the test forms. If you make changes to the key and select another ParSCORE tab – Select "Yes" to the displayed message.



Partial Credit

To add Partial Credit points, simply go to the Keys tab and check the box next to 'Show Partial Credit' on the answer key grid. Then enter the partial credit point values beneath the appropriate choices. (See Rules below.)

If the student chooses an answer that is not the correct answer but has partial credit points assigned to it, then the student will receive the partial credit points associated with that answer. The Answer Key Report will also show partial credit if entered.

The screenshot shows the 'Keys' tab in the ParSCORE software. At the top, it displays 'No. of Students Enrolled: 49' and a 'Close Course' button. Below this are tabs for 'Roster', 'Criteria', 'Keys', 'Scoring', and 'Student'. The 'Keys' tab is active, showing a 'Show Partial Credits' checkbox which is checked. Below this, it indicates 'Current Item: 12', 'Points: 2.00', and 'Correct Answer: B', 'Penalty: 0.00'. There are icons for print, save, copy, edit, and refresh.

| Item | Answer | Point | Penalty | Bonus | A | B | C | D | E | F |
|------|--------|-------|---------|--------------------------|------|------|------|------|------|---|
| 1 | A+C | 2.00 | 0.00 | <input type="checkbox"/> | | | | | | |
| 2 | C | 2.00 | 0.00 | <input type="checkbox"/> | | 1 | | | | |
| 3 | D | 2.00 | 0.00 | <input type="checkbox"/> | | 1.23 | | | | |
| 4 | A | 2.00 | 0.00 | <input type="checkbox"/> | | 1.22 | | | | |
| 5 | A | 2.00 | 0.00 | <input type="checkbox"/> | | 1.22 | | | | |
| 6 | B | 2.00 | 0.00 | <input type="checkbox"/> | | | 1.00 | | | |
| 7 | B | 2.00 | 0.00 | <input type="checkbox"/> | 0.00 | | 1.20 | | 0.00 | |
| 8 | B | 2.00 | 0.00 | <input type="checkbox"/> | | | 1.2 | | | |
| 9 | A | 2.00 | 0.00 | <input type="checkbox"/> | | | 0.10 | 0.20 | | |
| 10 | C | 2.00 | 0.00 | <input type="checkbox"/> | 0.00 | | | 1.10 | | |
| 11 | C | 2.00 | 0.00 | <input type="checkbox"/> | 0.00 | | | 1.12 | 0.23 | |
| 12 | B | 2.00 | 0.00 | <input type="checkbox"/> | 0.00 | | 1.00 | | | |
| 13 | B | 2.00 | 0.00 | <input type="checkbox"/> | | | | | | |
| 14 | * | 2.00 | 0.00 | <input type="checkbox"/> | | | | | | |
| 15 | A | 2.00 | 0.00 | <input type="checkbox"/> | | | | | | |

At the bottom left, it shows 'Total Possible Points: 100.00'. On the right side, there is a 'Category' section with a list: EXAM 1, EXAM 2, EXAM 3. The 'Subjective Score' is set to 12. Below that is a 'Version' section with a dropdown menu and 'Add' and 'Remove' buttons. At the bottom right, there are radio buttons for 'Set scanner to treat all multiple marks as: And (e.g. A+B) Or (e.g. AB)' and a 'Test Description' field. There are also 'Scan Keys' and 'Rescore Roster' buttons.

Rules of Use for Partial Credit

- 1) Partial credit points can be entered for all answer options except for the correct answer(s). The correct answer(s) will receive full credit. **Note:** This does not apply when using the "AND" option for correct answers. (See #3 below.)
- 2) If there are multiple correct answers using the "OR" option, only remaining answer options may be assigned partial credit. The correct answer options will receive full credit.
- 3) If there are multiple correct answers using the "AND" option, partial credit may only be assigned to the correct answer options. It is not necessary for the partial credit totals to equal the full possible points. Partial credit is not allowed on remaining answer options.
- 4) If a student selects more answer choices than the number of correct choices, then the answer will be marked incorrect. This prevents students from selecting all answer choices and receiving

credit. Example: If the correct answer is A and a student selects A and B, the answer is incorrect.

- 5) If there are penalty points assigned to a question, they are activated when a student chooses an answer that is not correct and has no partial credit assigned, or when a student chooses more answers than the number of correct answers.

Example Partial Credit Scenarios

Case I – Single Correct Answer

Correct Answer: A
 Possible Points: 10
 Penalty Points: 5

Partial Credit: A B C D E — — —
 5 4 3

Student Answer: A B C D E AB BC BCD Blank
 Points Received: 10 5 4 3 -5 -5 -5 -5 0

Case II – Multiple Correct Answers Using “OR”

Correct Answer: A or B
 Possible Points: 10
 Penalty Points: 5

Partial Credit: A B C D E $\frac{5}{5}$ $\frac{6}{6}$ —

Student Answer: A B C D E AB BC BCD Blank
 Points Received: 10 10 5 6 -5 -5 -5 -5 0

Case III – Multiple Correct Answers Using “AND”

Correct Answer: A and B
 Possible Points: 10
 Penalty Points: 5

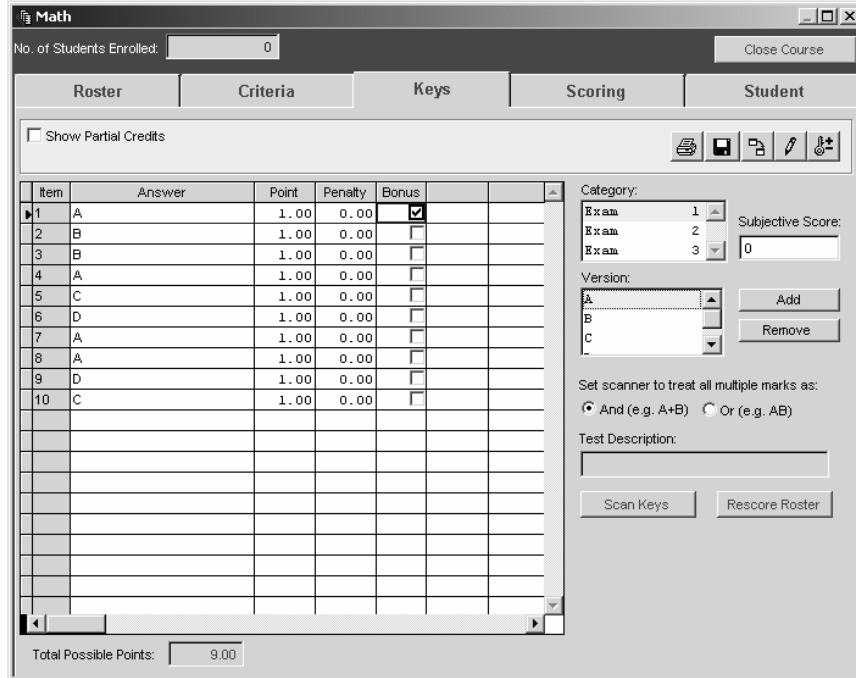
Partial Credit: A B C D E — — —
 4 3

Student Answer: A B C D AB AC BC CD ABC
 Points Received: 4 3 -5 -5 10 4* 3* -5 -5

* There are 2 correct answers, so the student is allowed to enter up to 2 answers and receive any partial credit that applies.

Bonus Questions

To mark a question as a “Bonus” question, simply check the box under the Bonus column on answer key grid in the Keys tab. The points associated with this question will then not be counted as part of the total possible points on the test, allowing students to score above 100%.



Note: Questions that are given Auto Credit cannot be assigned as Bonus questions.

Scoring a Test

In ParSCORE you can score from the scanner or from a File. Scoring from a file can be from a Comma Delimited file or from ParTEST Online (see *Module 7*). Test results can also be imported from Classroom Wizard. In order for ParSCORE to Score a Test – the Answer Keys **MUST** be entered for all versions of the test. See Appendix F in your ParSCORE User's Guide for complete details on the Comma Delimited format.

During scoring you can:

- Inspect Multiple Marks
- Omitted Marks
- Auto Enrollment
- Reprocess Forms with Errors

| Category Selection | | Options | | | | | | | |
|---|---|---|---|------|---|--|--|--|---|
| Category: | <table border="1"> <tr><td>Quiz</td><td>1</td></tr> <tr><td>Quiz</td><td>2</td></tr> <tr><td> </td><td> </td></tr> </table> | Quiz | 1 | Quiz | 2 | | | <input checked="" type="checkbox"/> Inspect Multiple Marks | <input checked="" type="checkbox"/> Inspect Omitted Marks |
| Quiz | 1 | | | | | | | | |
| Quiz | 2 | | | | | | | | |
| | | | | | | | | | |
| No. of Versions: | 1 | <input type="checkbox"/> Print Date on Form | <input type="checkbox"/> Print Raw Score on Form | | | | | | |
| Test Description: | ParTEST File: T7712597_NONSENSE.MDB | <input type="checkbox"/> Print Total Score on Form | <input checked="" type="checkbox"/> Auto Enrollment | | | | | | |
| | | <input type="checkbox"/> Reprocess Forms with Errors | | | | | | | |
| Score Method | | Error Log File | | | | | | | |
| <input checked="" type="radio"/> Score from Scanner | | <input checked="" type="radio"/> Append Existing File | | | | | | | |
| <input type="radio"/> Score from File | <input type="button" value="Select File"/> | <input type="radio"/> Overwrite Existing File | | | | | | | |
| | | | <input type="button" value="Score"/> | | | | | | |

Scoring a Test:

- Select the Category
- Select your Score Method
- Select your Scoring Options
- Select Score to begin
- Press the "END" on the Scanner when finished

On-line Editing:

During the Scoring process you will be prompted to correct any invalid Student ID Numbers. The Student ID Length is verified against the Enrollment Setup under the Options pull-down menu.

You will have the option to browse the current enrollment if the student marks in a partial Student ID Number.

Edit

Student ID: 123456654

Version: A

Exam #:

Browse Enroll Reject OK

If you have selected Inspect Multiple and/or Omitted Marks – you will be prompted to "Edit" the errors or to "Continue" scanning.

Scanning Forms

ID# 875321123

Multiple marks item(s) 1 2 7 10 11

Omitted item(s) 12 13 14 15 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 36 37 38 39 40 41 43

Continue Edit Reject End

Reviewing the Roster

After you have finished scoring a test – you need to return to the Roster tab to view the results.

The screenshot shows a software interface titled "Sample Data" with a "No. of Students Enrolled" field set to 20 and a "Close Course" button. Below this are tabs for "Roster", "Criteria", "Keys", "Scoring", and "Student". A toolbar contains various icons for file operations and editing. The "Current Record" field shows "ID#: 062419680 MURPHY, TYLER" and the "View Score as:" dropdown is set to "Raw". The "Current Score Status:" field is empty. Below the toolbar is a table with the following data:

| Student ID | Last Name | First Name | I. Code | Exam1 | Exam2 | Midt1 | Finl1 | Total | Grade |
|------------|-----------|------------|---------|-------|-------|-------|-------|-------|-------|
| 062419680 | MURPHY | TYLER | | 22.00 | | | | 22.00 | B |
| 077855007 | SANTEE | RUDY | | 22.00 | | | | 22.00 | B |
| 158254780 | MURPHY | AMANDA | | 22.00 | | | | 22.00 | B |
| 321583200 | GOLDIE | SHARON | K | 24.00 | | | | 24.00 | A |
| 343607340 | WATSON | PHILLIP | | 9.00 | | | | 9.00 | F |
| 366554444 | GOODWYN | LYNN | | 21.00 | | | | 21.00 | B |

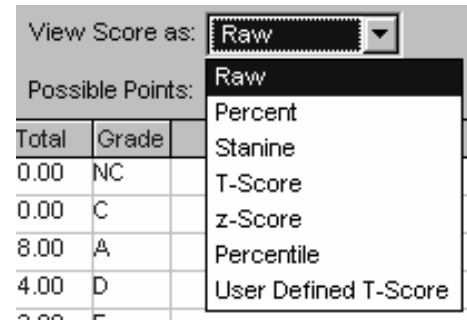
If you want to view the Roster in order by the Last name – Double-click on the column heading. The first time you double-click it will be A to Z. The second time you double-click for the same column it will be Z to A.

- You can sort every column, except the Middle Initial.
- Double-click on the Student ID if you need to modify the number.
- Click on the Name fields on the screen if you need to modify the information.

Viewing Scores in different modes:

You can change the view of the scores to Percent, Stanine, T-Score, Z-Score, Percentile, and User Defined T-Score.

Percent support 2 decimal places.



When you change the view from Raw to one of the other views – some of the options on the tool bar will become unavailable (Score Wizard, Browse Student’s Responses, Subtesting, Lock a Score Column for editing, Add Score Columns, and Import Scores).

Score Column Setup:

Within the Score Column Setup you can modify the Possible Points, Add a Test Date and/or Description, and Delete the Column or Score.



Column Setup

Category: Sub-total Column: Yes No

Number: Subtest Column: Yes No

Possible Points: Subtest Name:

Test Date: (mm/dd/yy)

Description:

Delete Option: Column Scores

The Test Date and Description will be displayed on the Key & Score tab, the Progress and Student Test report.

The Delete Option allows you to delete the column entirely (includes the key and any posted student’s scores) or just the scores under the score column.

Deleting a Student:

The Student’s record can be deleted entirely or you can enter “I for Incomplete” or “W for Withdrawal” under the Student’s Code.

In order to delete the student you will need to tag the student for deletion.

Click the white box to the left of the Student ID
 Select the single trashcan to remove the marked students

| | Student ID | Last Name | First Name |
|-------------------------------------|------------|-----------|------------|
| <input type="checkbox"/> | 234229988 | JOHNSON | JULIE |
| <input type="checkbox"/> | 510764321 | BARNES | TIMOTHY |
| <input type="checkbox"/> | 533454310 | FOSTER | STEVE |
| <input checked="" type="checkbox"/> | 540124456 | BRADY | PETER |
| <input type="checkbox"/> | 541336789 | HILL | CHRIS |
| <input type="checkbox"/> | 543876984 | DAVID | MARY |
| <input checked="" type="checkbox"/> | 552376654 | WILLIAMS | BOB |
| <input type="checkbox"/> | 554565321 | FRANK | JILL |
| <input type="checkbox"/> | 559874354 | ARMSTRONG | HENRY |



You can also delete All Students – This will only purge the enrollment and will retain all Score Columns, Grading Criteria and Answer Keys.

Viewing Student’s Responses:



Select the student’s score under the score column
 Select the “Browse or Rescore Test Data for a Specific Student” icon (shown above) to view and modify the test data

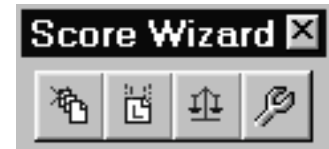
You can edit the student’s responses and the essay points listed under the Exam Number field. The Test Version and Student ID cannot be modified.



Using the Score Wizard

The Score Wizard includes the following functions:

- Work Attempted Only
- Drop Low Scores
- Weighting Scores
- Raw Score Adjustment



Work Attempted Only:

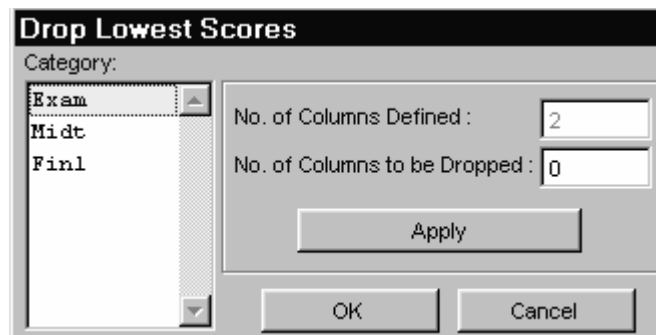
If you have someone that is enrolled and misses a test – you can use the Work Attempted Only to not count the missing score as a zero. This feature is also useful if you add all your Answer Keys at once and do not want the student’s graded against them yet.



Drop Low Scores:

You can use the Drop Low Scores against one or more score columns. The lowest score is based on the percentage received for the student against the possible points.

Work Attempted Only and Drop Low Scores can be used in combination – The Work Attempted values are calculated first and then the Drop Low Scores.





Weighting Scores:

You can use the Weighting feature to change the percentage counted towards the final grade. This significantly affects the calculation of the final scores. The weighting must add up to 100%.

For example: All Exams are worth – 20%
 All Tests are worth – 30%
 The Final is worth – 50%

The percentage applied counts for the entire category. If each Exam has a different weight – you would need to create unique categories for each Exam using the Add Score Columns.

Weighting, Work Attempted Only, and Drop Low Scores work in conjunction with each other (Note: As long as you have one score posted to each category).

If you apply weighting at the beginning of the course, you will need to return to the weighting function to apply the values scored in the Roster.

| Weighting the Roster by Percent | | | |
|---|---------------|-------------------------------------|-------------|
| Enter the Weighting (%) Assigned To Each of the Following Category: | | | |
| Category | Weighting (%) | Applied to Roster | Applied (%) |
| Exam | 30.00 | <input checked="" type="checkbox"/> | 100.00 |
| Midt | 20.00 | <input type="checkbox"/> | 0.00 |
| Finl | 50.00 | <input type="checkbox"/> | 0.00 |

| Weighting the Roster by Percent | | | |
|---|---------------|-------------------------------------|-------------|
| Enter the Weighting (%) Assigned To Each of the Following Category: | | | |
| Category | Weighting (%) | Applied to Roster | Applied (%) |
| Exam | 30.00 | <input checked="" type="checkbox"/> | 60.00 |
| Midt | 20.00 | <input checked="" type="checkbox"/> | 40.00 |
| Finl | 50.00 | <input type="checkbox"/> | 0.00 |



Raw Score Adjustment:

You can use the Raw Score Adjustment to Scale the Column, Add or Subtract a constant value.

This setting is permanent. If you need to restore the original scores – return to the Keys tab and ReScore the Roster.

The 'Score Adjustment' dialog box is shown. It has a title bar 'Score Adjustment'. Below the title bar is a 'Category:' label and a list box containing 'Exam', 'Midt', and 'Finl'. To the right of the list box are two radio buttons: 'Adjust All Columns' (unselected) and 'Adjust Specific Column' (selected). Below the radio buttons is a 'Column Number:' label and a text box containing '1'. Below that is a 'Scale the Score by:' label and a text box containing '1.00'. Below that is an 'Add/Subtract the Score by:' label and a text box containing '2.50'. At the bottom are two buttons: 'Apply' and 'Cancel'.

After making the necessary adjustments – you will receive the following confirmation. The scores will be adjusted permanently. In order to recover the original scores – return to the “Keys” tab and “Rescore” the score column.

The 'Confirmation' dialog box is shown. It has a title bar 'Confirmation' and a close button (X) in the top right corner. Below the title bar is a question mark icon in a speech bubble. To the right of the icon is the text: 'This adjustment permanently changes raw scores. Do you want to proceed?'. At the bottom are two buttons: 'Yes' and 'No'.

Reviewing the Grading Criteria:

If you need to make any changes to the Grading Criteria – ParSCORE will automatically recalculate the student’s grades.

You can view a distribution of the grades on the Criteria tab. Select the View Data selection of each line needed.

| | Description | Code | Minimum % | Grade | # of Students | Criteria % | View Data |
|--------------------------|-------------|------|-----------|-------|---------------|------------|-------------------------------------|
| <input type="checkbox"/> | Withdrawal | W | 0.00 | W | 0 | 0.00 | <input type="checkbox"/> |
| <input type="checkbox"/> | Incomplete | I | 0.00 | I | 0 | 0.00 | <input type="checkbox"/> |
| <input type="checkbox"/> | Credit | CR | 70.00 | CR | 0 | 0.00 | <input type="checkbox"/> |
| <input type="checkbox"/> | No Credit | CR | 0.00 | NC | 0 | 0.00 | <input type="checkbox"/> |
| <input type="checkbox"/> | Excellent | ?? | 90.00 | A | 7 | 31.82 | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | Good | ?? | 80.00 | B | 4 | 18.18 | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | Average | ?? | 70.00 | C | 6 | 27.27 | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | Poor | ?? | 60.00 | D | 3 | 13.64 | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | Failure | ?? | 0.00 | F | 2 | 9.09 | <input checked="" type="checkbox"/> |



Select view data for all grading criteria



Update student’s grades and score distribution on the Criteria tab

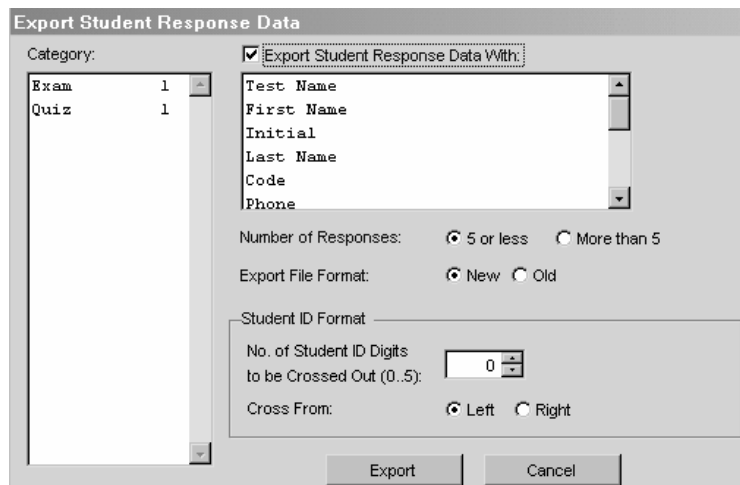
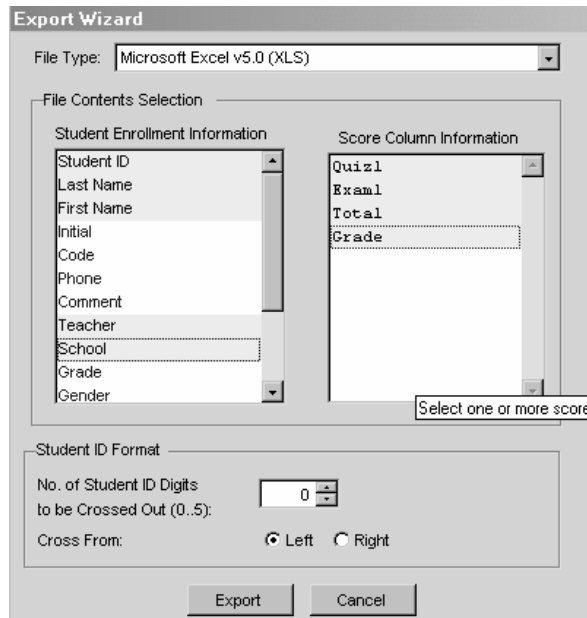


View the grade distribution in MSGraph

Exporting Data:

You can export data from ParSCORE for use in other programs. Two export options are available: Export Wizard and Export Student Response Data. Select the desired function under the Options pull-down menu. Exporting is available for the Roster Data, Student Enrollment records, the Student Test Responses, and the Student Profile Data. The export is available in 17 formats. Such as, Visual Fox Pro, dBase, Text, Excel, Lotus, Multiplan, Data Interchange, System Data, and Symbolic Link.

The Student Response data is: “New” is Comma Delimited and “Old” is a Fixed Length format.



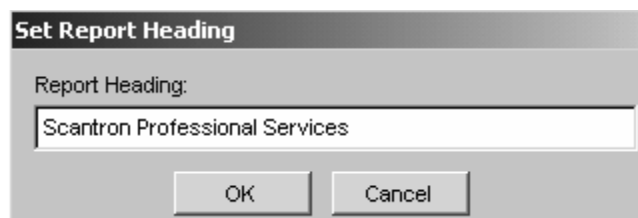
Printing Reports & Subtesting

Once your data is in the Roster – you are ready to generate reports.

The following reports are available in ParSCORE for Previewing and Printing:

- Answer Key Report
- Class Response Report
- Consolidated Item Analysis Report (for use with ParTEST)
- Course List Report
- Error Log Report
- Grading Criteria Report
- Item Analysis Report
- Mastery Report and Chart
- Progress & Assignment Sheet Report
- Roster Report
- Score Distribution – Percentile and Histogram Report
- Student Enrollment Report
- Student Profile Data Report
- Student Test Report
- Subtest Reports and Charts
- Test Score Distribution Chart

A default Heading can be setup for all reports or you can modify the report heading separately for each report.



Set Report Heading

Report Heading:

Scantron Professional Services

OK Cancel

If you are using Optional Data fields – you will have the optional to Specify up to 4 sorting options (as shown below):

Specify Optional Field Contents Criteria

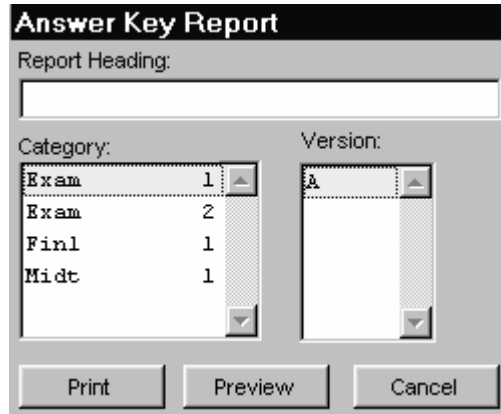
Specify Up To 4 Optional Field Contents:

| | |
|--|---------------------------|
| Optional Fields: Teacher | Optional Fields: School |
| DOLE JONES LINCOLN TAYLOR WALTERS WHITE | DODSON NUFFER SMITH |
| Optional Fields: Grade | Optional Fields: Gender |
| 4 5 | F M |

OK Cancel

Answer Key Report:

Prints the Answer key for a selected Category.
 Select the Category and the Version.
 Select Print or Preview.



Answer Key Report On Exam 1 Version A

Course #: PAR-1300
 Course Title: Sample Data
 Day/Time:

Instructor: Ms. Foster
 Description: ParSCORE Training
 Term/Year: Spr 2001

Total no. of items:25

| Item | Answer | Weight | Penalty |
|------|--------|--------|---------|
| 1 | A | 1.00 | 0.00 |
| 2 | D | 1.00 | 0.00 |
| 3 | D | 1.00 | 0.00 |
| 4 | A | 1.00 | 0.00 |
| 5 | B | 1.00 | 0.00 |
| 6 | C | 1.00 | 0.00 |
| 7 | A | 1.00 | 0.00 |
| 8 | A | 1.00 | 0.00 |
| 9 | B | 1.00 | 0.00 |
| 10 | C | 1.00 | 0.00 |

Class Response Report:

- Prints a list of the students test responses for each version of the test
- Select the Category and the Version
- Select if you want the Answer Key included
- Select Print or Preview

Class Response Report On Exam1 Version A

| | |
|---------------------------|--------------------------------|
| Course #: PAR-1300 | Instructor: Ms. Foster |
| Course Title: Sample Data | Description: ParSCORE Training |
| Day/Time: | Term/Year: Spr 2001 |

Response Description

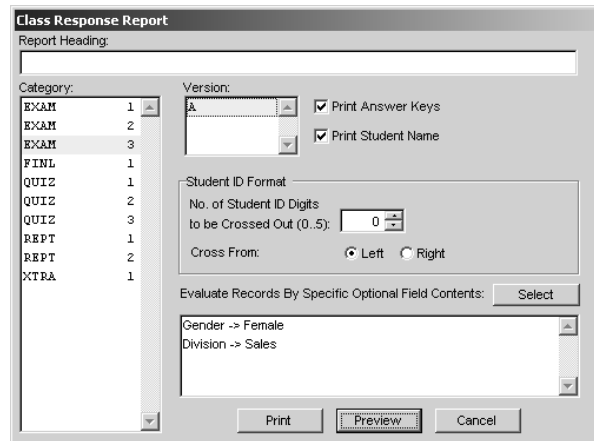
| | | | | |
|------------|------------------------------|-----|-----------------|---------|
| <dash> | correct response | <#> | multiple marks | <space> |
| <alphabet> | student's incorrect response | <*> | bonus test item | |

| | | | | | | | |
|-------------|---------------|---------------|---------------|---------------|---------------|--|--|
| Test Items: | 1-5 | 6-10 | 11-15 | 16-20 | 21-25 | | |
| Test Key: | A, D, D, A, B | C, A, A, B, C | A, B, D, B, B | E, B, A, D, A | E, B, C, #, A | | |

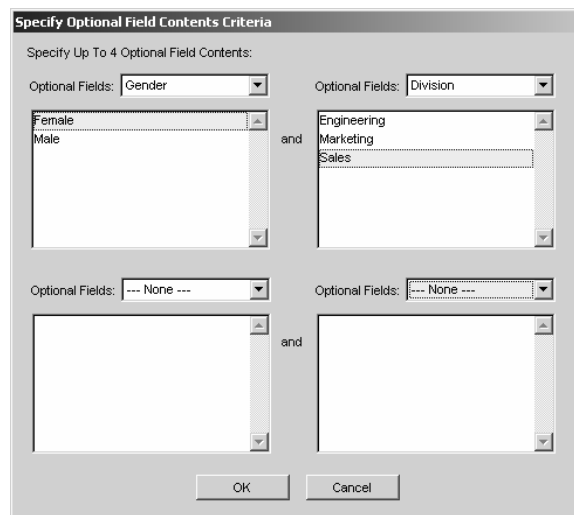
| No. | Student ID | Exam # | | | | | | | |
|-----|------------|--------|-----------|-----------|-----------|-----------|-----------|-----------|--|
| 1 | 062419680 | 0 | -,-,-,-,- | -,B,-,-,- | -,-,-,-,- | -,-,-,-,- | -,-,-,-,- | -,-,-,-,- | |
| 2 | 077855007 | 988 | -,-,-,-,- | -,-,-,-,- | -,A,-,-,- | -,-,-,-,- | -,-,-,-,- | -,-,-,-,- | |
| 3 | 158254780 | 0 | -,-,-,-,- | -,#,-,-,- | -,-,-,-,- | -,-,-,-,- | -,-,-,-,- | -,-,-,-,- | |
| 4 | 321583200 | 0 | -,-,-,-,- | -,-,-,-,- | -,-,-,-,- | -,-,-,-,- | -,-,-,-,- | -,-,-,-,- | |

Print Student Names and Select Optional Fields on Class Response Report

Within the Class Response report dialog, you can now print a report with or without student names. You can select the 'Print Student Name' option to activate this feature. The Class Response report will be printed in Landscape layout in this case.



To print the Class Response report by Optional Fields, click the Select button. Similar to other reports, you have the option to specify up to four Optional Field choices, as seen below. Select OK to save the settings.



The following page shows the layout of a Class Response report by Optional Fields and printed with student names and answer key.

Class Response Report On EXAM3 Version A

Course #: DOS

Instructor: DOS

Course Title: DOS

Description:

Day/Time:

Term/Year:

Student group from: Gender(Female) Division(Sales)

Response Description

| | | |
|---|---------------------|---------------------|
| <dash> correct response | <#> multiple marks | <space> no response |
| <alphabet> student's incorrect response | <*> bonus test item | |

| | | | | | | | | | | |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Test Items: | 1-5 | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 |
| Test Key: | C,C,D,A,A | B,B,B,D,C | A,B,D,A,A | C,B,B,B,B | C,E,D,D,B | B,A,B,A,B | C,C,B,C,A | A,C,B,A,C | A,A,D,B,C | C,D,D,C,C |

| No. | Student ID | Student Name | Exam # | 1-5 | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 |
|-----|------------|----------------------|--------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 811220120 | MONTCLIFF, JON A. | 32 | - | - | - | B,B,C | - | - | B | - | - | - |
| 2 | 811225126 | MORGAN, TINA V. | 40 | - | C | - | D | - | B,A | - | D | - | B |
| 3 | 811265126 | MORANS, ELIZABETH A. | 36 | - | C | E | D | - | B | A | - | B | C,C |
| 4 | 812085206 | TENNENT, ADAB. | 42 | - | D | D | B | E | A | B | A | - | B |
| 5 | 820010000 | NIELSON, ABBY R. | 41 | - | C | - | B,C | D | - | B | A,B | - | D |
| 6 | 820024000 | PULLMAN, ANNE A. | 40 | - | C | E | - | B,D | - | B | A | - | C |

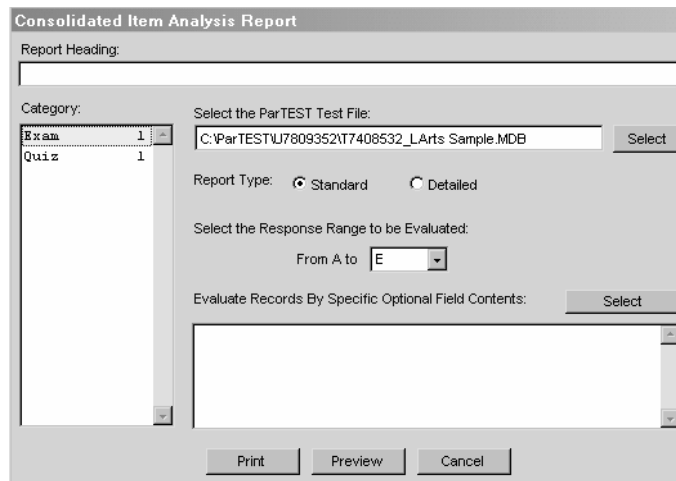
Consolidated Item Analysis Report: *(Partest required)*

This is a statistical report that provides a detailed distractor analysis based on raw scores. Prints a consolidated Item Analysis combining all versions into one report. See page 6-9 for details about Item Analysis data.

- Select the Category
- Select Print or Preview

Optional:

- Select the Report Type (Standard or Detailed)
- Change the Response Range if needed (choices beyond "E")



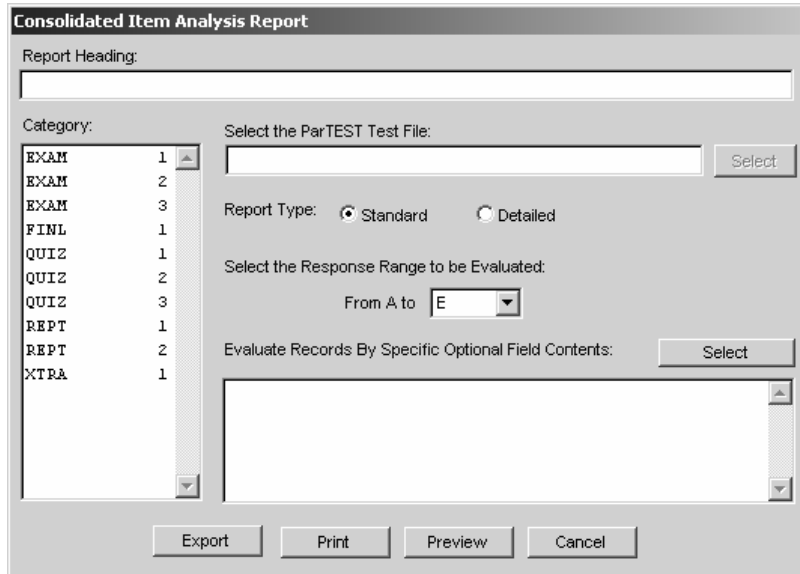
Standard Item Analysis Report On Exam1 Version Consolidated

| | | | | | |
|------------------------|-------------|---------------------------------|-------------------|----------------|-------|
| Course #: | PAR-1300 | Instructor: | Ms. Foster | | |
| Course Title: | Sample Data | Description: | ParSCORE Training | | |
| Day/Time: | | Term/Year: | Spr 2001 | | |
| Total Possible Points: | 25.00 | Median Score: | 20.00 | Highest Score: | 25.00 |
| Student in this group: | 20 | Mean Score: | 18.40 | Lowest Score: | 9.00 |
| Standard Deviation: | 5.22 | Reliability Coefficient (KR20): | 0.91 | | |

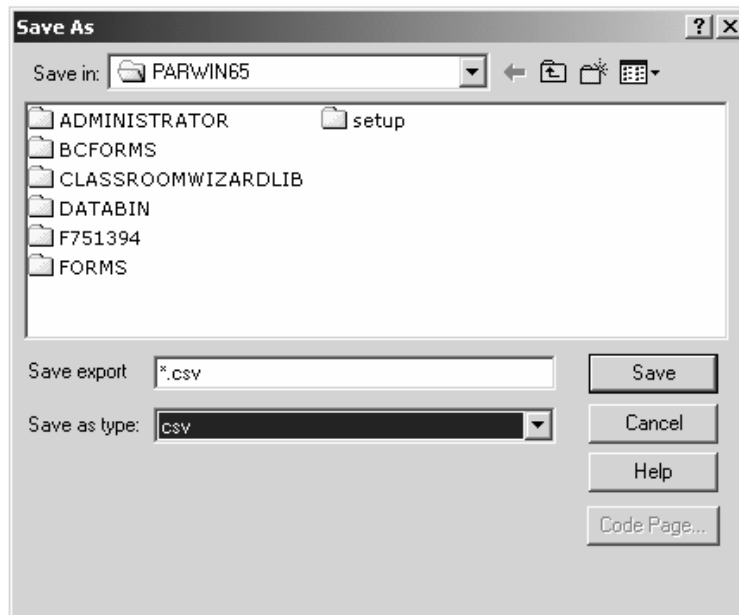
| No. | Correct Group Responses | | | Point Biserial | Correct Answer | Response Frequencies - * indicates correct answer | | | | | | | | | | Non Distractor | |
|-----|-------------------------|-----------|-----------|----------------|----------------|---|-----|-----|-----|---|--|--|--|--|--|----------------|------|
| | Total | Upper 27% | Lower 27% | | | A | B | C | D | E | | | | | | | |
| 1 | 100.00% | 100.00% | 100.00% | 0.00 | A | *20 | 0 | 0 | 0 | 0 | | | | | | | BCDE |
| 2 | 80.00% | 100.00% | 0.00% | 0.88 | D | 0 | 2 | 2 | *12 | 4 | | | | | | | A |
| 3 | 50.00% | 100.00% | 0.00% | 0.84 | D | 2 | 2 | 0 | *10 | 6 | | | | | | | C |
| 4 | 100.00% | 100.00% | 100.00% | 0.00 | A | *20 | 0 | 0 | 0 | 0 | | | | | | | BCDE |
| 5 | 100.00% | 100.00% | 100.00% | 0.00 | B | 0 | *20 | 0 | 0 | 0 | | | | | | | ACDE |
| 6 | 80.00% | 100.00% | 100.00% | 0.04 | C | 4 | 0 | *18 | 0 | 0 | | | | | | | BDE |
| 7 | 80.00% | 100.00% | 20.00% | 0.57 | A | *13 | 6 | 2 | 0 | 0 | | | | | | | DE |

Export of Consolidated Item Analysis Report Data

To export the data from the Consolidated Item Analysis Report, select Consolidated Item Analysis Report from the Reports menu. Then highlight the appropriate test in the Consolidated Item Analysis Report dialog box and click the Export button.



The consolidated item analysis data will load, and you will then be prompted to save the data in CSV format to your computer.



Course List Report:

Prints a list of the Courses from the Course List Screen – includes the File Reference Number used by ParSCORE.

Select Print or Preview

| Course List Description | | | | | | |
|--------------------------------|---------------|------------|------|-----|-----------|-------------|
| Course ID | Title | Instructor | Time | Day | Term | File Ref. # |
| PAR-1200 | Subtesting | Ms. Foster | | | Fall 2000 | 444561 |
| PAR-1300 | Sample Data | Ms. Foster | | | Spr 2001 | 144128 |
| PAR-1400 | Reports | Ms. Foster | | | Spr 2001 | 244544 |
| PAR-2366 | Administrator | Ms. Foster | | | Fall 2000 | 844593 |

Error Log Report:

This report tracks the rejected forms that occurred during scanning.

Select Print or Preview

| Error Log Report | |
|---------------------------|--------------------------------|
| Course #: PAR-1300 | Instructor: Ms. Foster |
| Course Title: Sample Data | Description: ParSCORE Training |
| Day/Time: | Term/Year: Spr 2001 |

Exam 1 9Apr2001
2 rejected forms

Exam 1 9Apr2001
ID# 123456654 - Rejected
Name is blank.
1 rejected forms

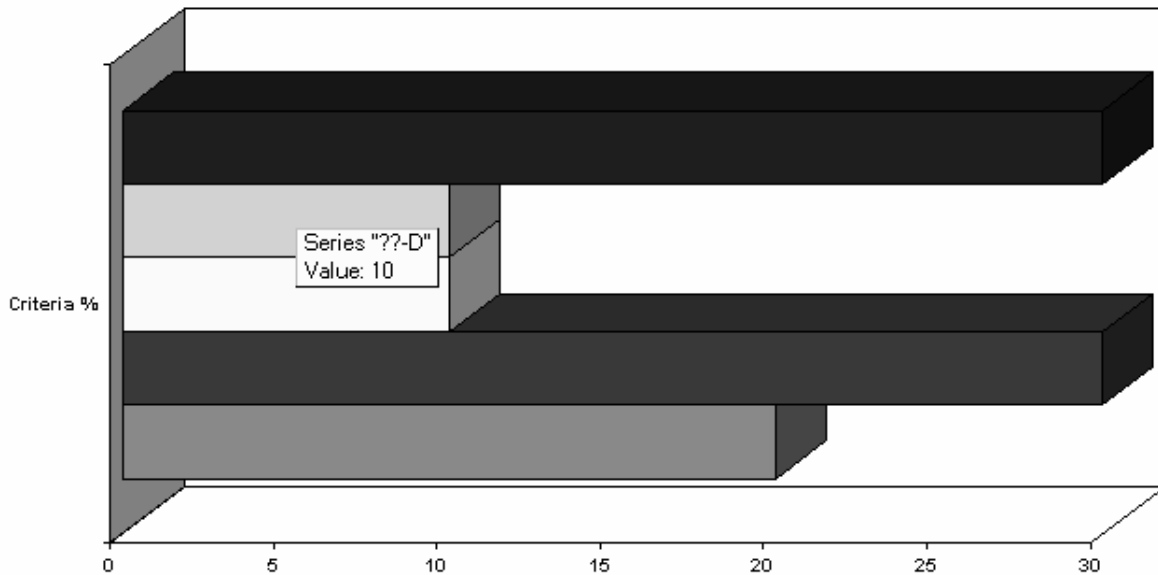
Exam 1 9Apr2001
ID# 654654654 - Rejected
Invalid ID length.
Invalid test version.
1 rejected forms

Grading Criteria Report:

This report prints the data displayed on the Criteria tab or the graph format from MSGraph 8.0.

Select Print or Preview

| Description | Code | Minimum % | Grade | # of Students | Criteria % | View Data |
|-------------|------|-----------|-------|---------------|------------|-------------------------------------|
| Withdrawal | W | 0.00 | W | 0 | 0.00 | <input type="checkbox"/> |
| Incomplete | I | 0.00 | I | 0 | 0.00 | <input type="checkbox"/> |
| Credit | CR | 70.00 | CR | 0 | 0.00 | <input type="checkbox"/> |
| No Credit | CR | 0.00 | NC | 0 | 0.00 | <input type="checkbox"/> |
| Excellent | ?? | 90.00 | A | 4 | 20.00 | <input checked="" type="checkbox"/> |
| Good | ?? | 80.00 | B | 6 | 30.00 | <input checked="" type="checkbox"/> |
| Average | ?? | 70.00 | C | 2 | 10.00 | <input checked="" type="checkbox"/> |
| Poor | ?? | 60.00 | D | 2 | 10.00 | <input checked="" type="checkbox"/> |
| Failure | ?? | 0.00 | F | 6 | 30.00 | <input checked="" type="checkbox"/> |



Item Analysis Report:

This is a statistical report that provides a detailed distractor analysis based on raw scores. Each test version is generated separately. See page 6-9 for details about Item Analysis data.

- Select the Category
- Select Print or Preview
- Optional:
 - Select the Report Type (Standard or Detailed)
 - Change the Response Range if needed (choices beyond "E")

The screenshot shows a dialog box titled "Item Analysis Report". It contains the following elements:

- Report Heading:** A text box containing "Scantron University".
- Category:** A list box with items: Exam 1, Exam 2, Finl 1, Midt 1, Quiz 1, Quiz 2, Quiz 3.
- Version:** A list box with items: A, B, C, D.
- Report Type:** Radio buttons for "Standard" (selected) and "Detailed".
- Select the Response Range to be Evaluated:** A dropdown menu showing "From A to E".
- Evaluate Records By Specific Optional Field Contents:** A "Select" button and an empty list box.
- Buttons:** Export, Print, Preview, and Cancel.

Standard Item Analysis Report On Exam1 Version A

Course #: PAR-1300
 Course Title: Sample Data
 Day/Time:

Instructor: Ms. Foster
 Description: ParSCORE Training
 Term/Year: Spr 2001

| | | | | | |
|------------------------|-------|---------------------------------|-------|----------------|-------|
| Total Possible Points: | 25.00 | Median Score: | 20.00 | Highest Score: | 25.00 |
| Student in this group: | 20 | Mean Score: | 18.40 | Lowest Score: | 9.00 |
| Standard Deviation: | 5.22 | Reliability Coefficient (KR20): | 0.91 | | |

| No. | Correct Group Responses | | | Point Biserial | Correct Answer | Response Frequencies - * indicates correct answer | | | | | | | | | | Non Distractor |
|-----|-------------------------|-----------|-----------|----------------|----------------|---|-----|---|-----|---|--|--|--|--|--|----------------|
| | Total | Upper 27% | Lower 27% | | | A | B | C | D | E | | | | | | |
| 1 | 100.00% | 100.00% | 100.00% | 0.00 | A | *20 | 0 | 0 | 0 | 0 | | | | | | BCDE |
| 2 | 60.00% | 100.00% | 0.00% | 0.88 | D | 0 | 2 | 2 | *12 | 4 | | | | | | A |
| 3 | 50.00% | 100.00% | 0.00% | 0.84 | D | 2 | 2 | 0 | *10 | 6 | | | | | | C |
| 4 | 100.00% | 100.00% | 100.00% | 0.00 | A | *20 | 0 | 0 | 0 | 0 | | | | | | BCDE |
| 5 | 100.00% | 100.00% | 100.00% | 0.00 | B | 0 | *20 | 0 | 0 | 0 | | | | | | ACDE |

Taking a look at the Item Analysis data:

After an objective test has been administered and scored, it is desirable to evaluate the effectiveness of the items. In order to improve items, it is necessary to examine whether or not they are doing the job for which they were designed. An item analysis provides three kinds of important information about the quality of the test items:

Item _____ difficulty: Whether the item was too easy or too hard.

Item discrimination: Whether the item discriminated between those students who really knew the material and those who did not.

Effectiveness of alternatives in multiple-choice tests: Whether the distracters in multiple-choice items are in fact “distracting” or simply taking up space on the test paper.

Item difficulty is the percentage of the total group that got the item correct. The item difficulty is important because it tells you whether an item is too easy or too hard. Many test experts believe that for a maximum discrimination between high and low achievers, the optimal level is 50%. However, because of the guessing factor it is advisable to make a test somewhat easier. This reduces the guessing factor and consequently, increases the test reliability. For true-false items a 75% difficulty level is recommended. That is “on the average” 75% of the students should get the item correct.

Multiple-choice items:

| | |
|---------------------------------|-----|
| 3 alternative multiple-choice = | 67% |
| 4 alternative multiple-choice = | 63% |
| 5 alternative multiple-choice = | 60% |

Items that have percentages less than 30% or more than 90% definitely need attention. Items that have difficulty levels that are too hard or too easy should either be revised or replaced. The only exception to this standard occurs with items that appear at the beginning of a test. The first few items should be easy (Difficulty level = 90% or higher) for psychological reasons.

Item Discrimination is the single best measure of the effectiveness of an item is its ability to discriminate between students who vary in their degree of knowledge of the material tested. If we had two groups of

students, one of which was composed of students who had mastered the material and the other of students who had not, we would expect a larger portion of the former group to correctly answer any test item. Item discrimination attempts to give us this information by measuring how well an item discriminates between these two groups.

ParSCORE provides the percentage of the upper and lower groups that got a particular item correct.

If desired you can calculate the item discrimination ratio by using the following simple formula: $IDR = (\text{Upper Group \% Correct}) - (\text{Lower Group \% Correct})$

The maximum item discrimination ratio of an item occurs if the discrimination ratio = 100%. This would occur if all those in the upper group got the item right and none of those in the lower group got it correct. Zero discrimination occurs when equal numbers in both groups got it correct. Negative discrimination occurs when more students in the lower group than the upper group get an item correct. Zero and negative discrimination item should be discarded or vastly improved before the item is used again on the next test.

An acceptable level of discrimination for classroom tests is at or above 25%. An item having a ratio lower than this would be considered a poorly discriminating item. That is, it would not discriminate between those who really knew the material and those who were less knowledgeable. Items having ratios above 40% are considered excellent items.

Point Biserial Correlation Coefficient (PBCC) measures the correlation between the correct answer on an item and the total test score of a student. The PBCC is the preferred method of measuring item discrimination because it identifies items that correctly discriminate between high and low groups, as defined by the test as a whole (instead of only the upper and lower 27% of a group). The following criteria may be used to evaluate test items:

| | |
|---------------|---|
| .30 and above | Very good item |
| .29 to .20 | Reasonably good item (subject to improvement) |
| .19 to .09 | Marginal items (needs improvement) |
| below .09 | Poor items (reject or improve) |

Rescoring a Test: A Quick Fix

ParSCORE provides a powerful tool for resolving (or at least partially resolving) problems. After studying the item analysis report, the answer key may need to be modified. Items can be removed from the test or automatic given to all students. Inspection of distracters would suggest that perhaps the wrong answer was marked on the key. This item may need to have the answer changed or possibly more than one answer should be allowed to be correct.

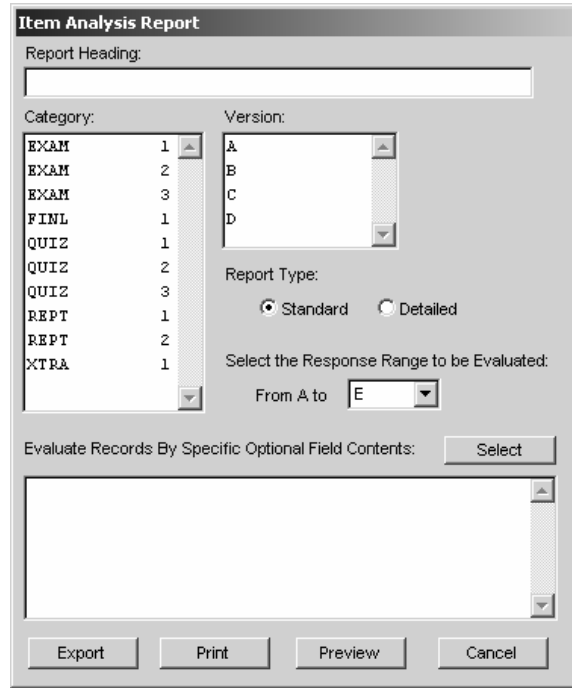
Review the columns labeled “Response Frequencies”. This provides information on the number of students that chose each alternative. If needed, return to the answer key tab and modify the desired items. The test will be rescored automatically, without having to rescan the student’s test forms.

Distracters and their effectiveness:

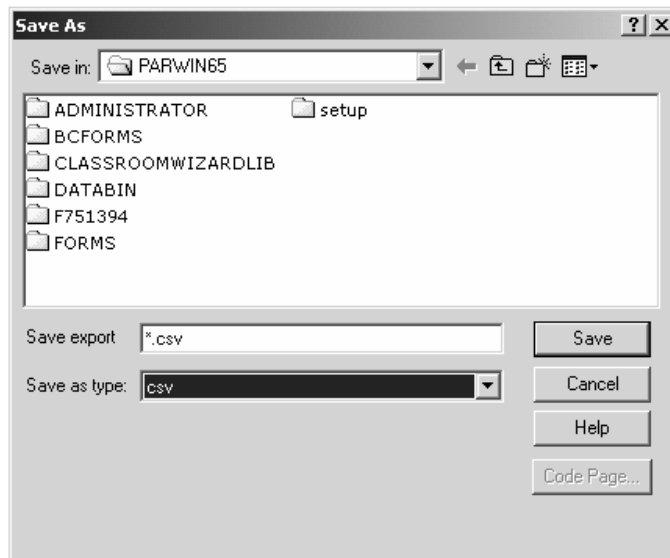
By looking at the pattern of responses to alternatives the instructor can often determine how the test can be improved. A multiple-choice question is only as good as its distracters. If two distracters in a four-choice item are completely implausible, the question is, in effect, a two-choice or true-false item and made easier. It is important for an instructor in improving the test questions to know if the distracters are really “distracting”. ParSCORE automatically identified those distracters of each item that did not “distract” students.

Export of Item Analysis Report Data

To export the data from the Item Analysis Report, select Item Analysis Report from the Reports menu. Then highlight the appropriate test in the Item Analysis Report dialog box and click the Export button.



The item analysis data will load, and you will then be prompted to save the data in CSV format to your computer.



Mastery Group Performance Chart

You can select three combinations of optional fields from the Mastery Report dialog box and view a bar graph of the information, known as the Mastery Group Performance Distribution Chart.

To view the graph, select 'Mastery Report and Chart' from the Reports menu. Then in the dialog box, select the test and the three groups by which to group the students. Click the radio button next to 'Mastery Group Performance Distribution Chart.'

Mastery Report and Chart

Report Heading:
Scantron University

Selective Categories:

| | |
|------|---|
| EXAM | 1 |
| EXAM | 2 |
| EXAM | 3 |
| FINL | 1 |
| QUIZ | 1 |
| QUIZ | 2 |
| QUIZ | 3 |
| REPT | 1 |
| REPT | 2 |
| XTRA | 1 |

Group Students By:

Group1: Division

Group2: Unit

Group3: Gender

Minimum % to pass (1-100): 50

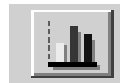
Print Score Unit As Percentage

Mastery Report

Mastery Group Performance Chart

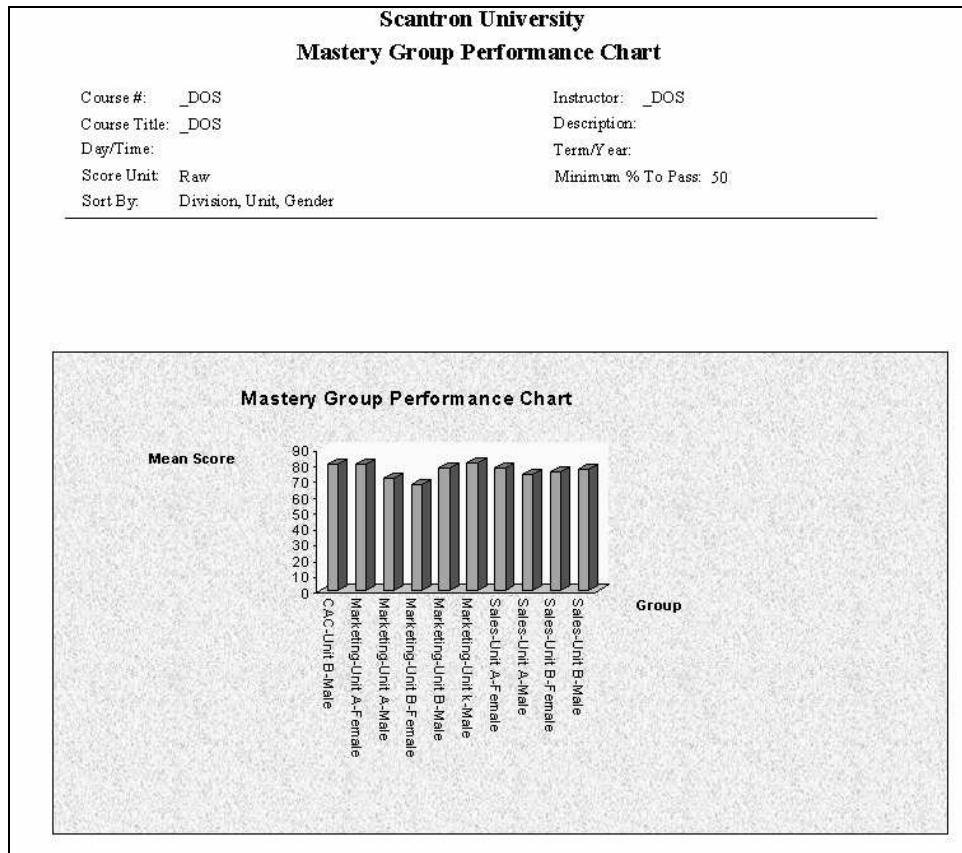
Print Preview Cancel

Before printing or previewing, click the graph icon in the dialog box to make sure the data from your selections is loaded.



Click Print or Preview to print or view the Mastery Group Performance Distribution Chart.

Sample Mastery Group Performance Distribution Chart:



Progress & Assignment Sheet Report:

This report is generated per student and indicates their progress based on the Assignment sheet you create.

- Select "New" (The Report Name of *Untitled* can be modified)
- Select the Categories to include on the report
- Select "Print Options"
- Remove or modify the available selections
- Select Print or Preview

Assignment Sheet Setup

Name:

General Comments to All Students:

| Category | Date | Name | Description | Possible Points | Print |
|----------|------|---------|-------------|-----------------|-------------------------------------|
| Test 1 | // | Test 1 | | 15.00 | <input checked="" type="checkbox"/> |
| Test 2 | // | Test 2 | | 96.00 | <input checked="" type="checkbox"/> |
| Midt 1 | // | Midt 1 | | 58.00 | <input checked="" type="checkbox"/> |
| Xtra 1 | // | Xtra 1 | | 0.00 | <input type="checkbox"/> |
| Final 1 | // | Final 1 | | 0.00 | <input type="checkbox"/> |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Progress Report

| | | | | | |
|---------------|-------------|--------------|-------------------|---------------------|----------|
| Course #: | PAR-1300 | Instructor: | Ms. Foster | Date: | 04/11/01 |
| Course Title: | Sample Data | Description: | ParSCORE Training | Total No. of Tests: | 4 |
| Day/Time: | | Term/Year: | Spr 2001 | Code: | |

ID: 546697581
 Name: MICHAELS, SUSAN .

| No. | Date | Test Name | Description | Possible Points | Score |
|-----------|------|-----------|--------------------------------|-----------------|-------|
| 1 | // | Exam 1 | T1131291_QSII_CAC_3-28-2001.MD | 25.00 | 22.00 |
| 2 | // | Exam 2 | | 0.00 | |
| 3 | // | Midt 1 | | 0.00 | |
| 4 | // | Finl 1 | | 0.00 | |
| Comments: | | | | Total | 25.00 |
| | | | | Score % | 88.00 |
| | | | | Overall Total | 25.00 |
| | | | | Overall Score % | 88.00 |
| | | | | Overall Grade | B |

Student Signature _____ Parent Signature _____

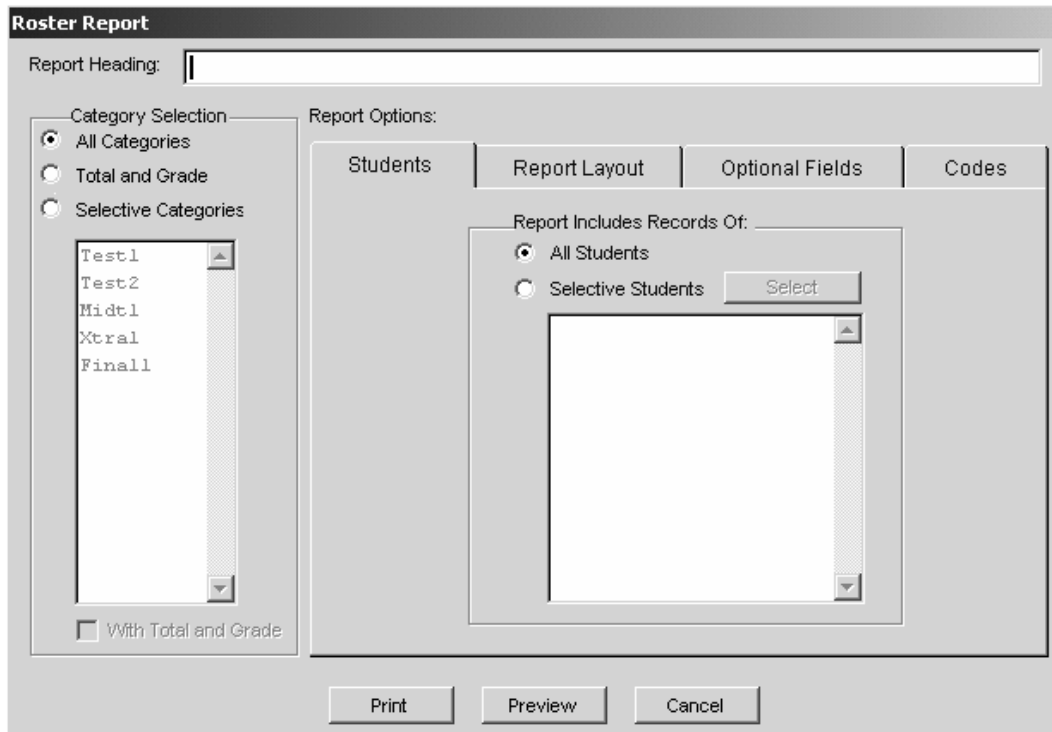
Roster Report:

This is report contains the details displayed on the Roster tab. Multiple options are available to customize the look of the report.

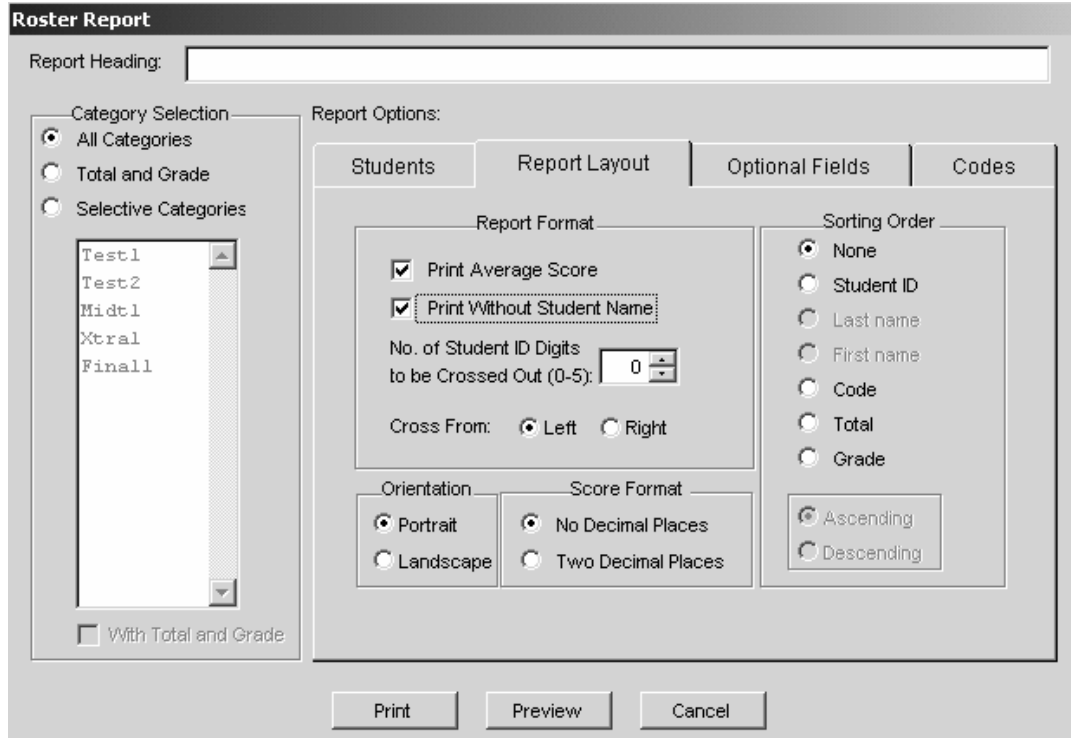
Select the Category Selection: All, Total & Grade, or Selective Categories

View each tab for the selections:

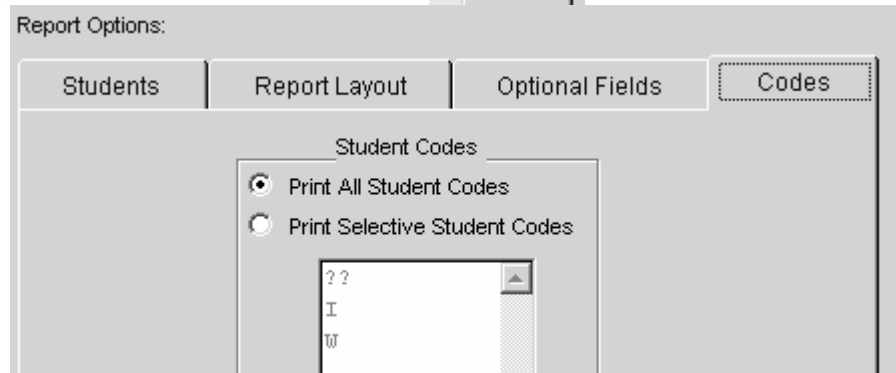
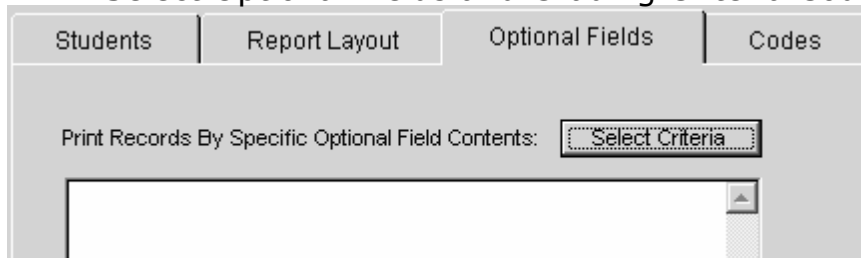
Students: Select All Students or Selective Students



- Report Layout:
- Print Average Score
 - Print Without Student Name
 - No. of Student ID Digits to be Crossed Out
 - Orientation: Portrait or Landscape
 - Score Format: No or Two Decimal places
 - Sorting Order

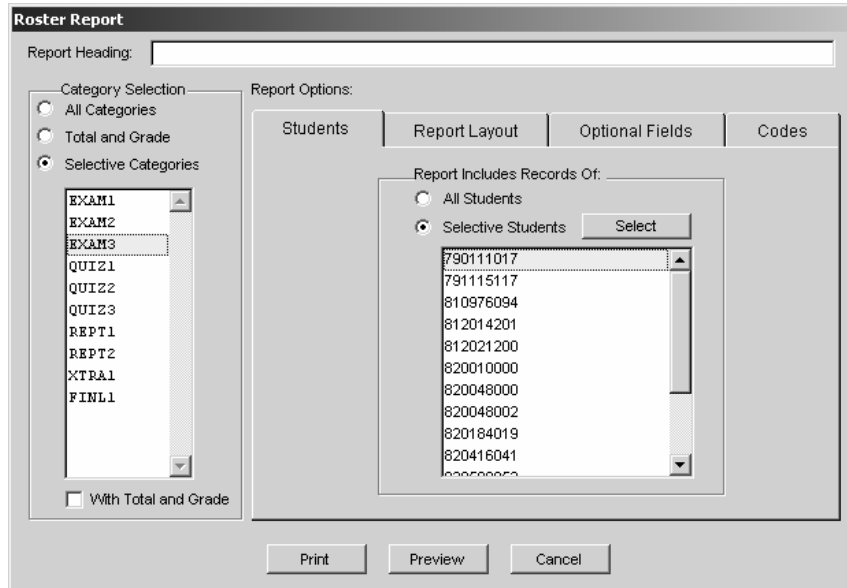


Select Optional Fields and Grading Criteria Codes is desired

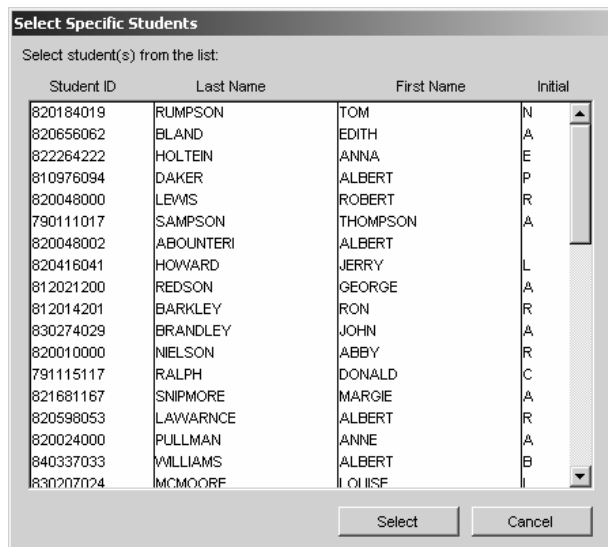


Print Roster Report By Selective Students

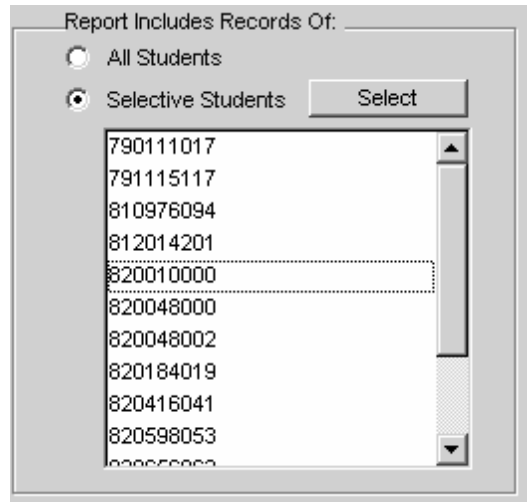
You can now print a Roster Report by selective students and then apply additional criteria to those selected students. After selecting a category, choose to either print All Students or Selective Students.



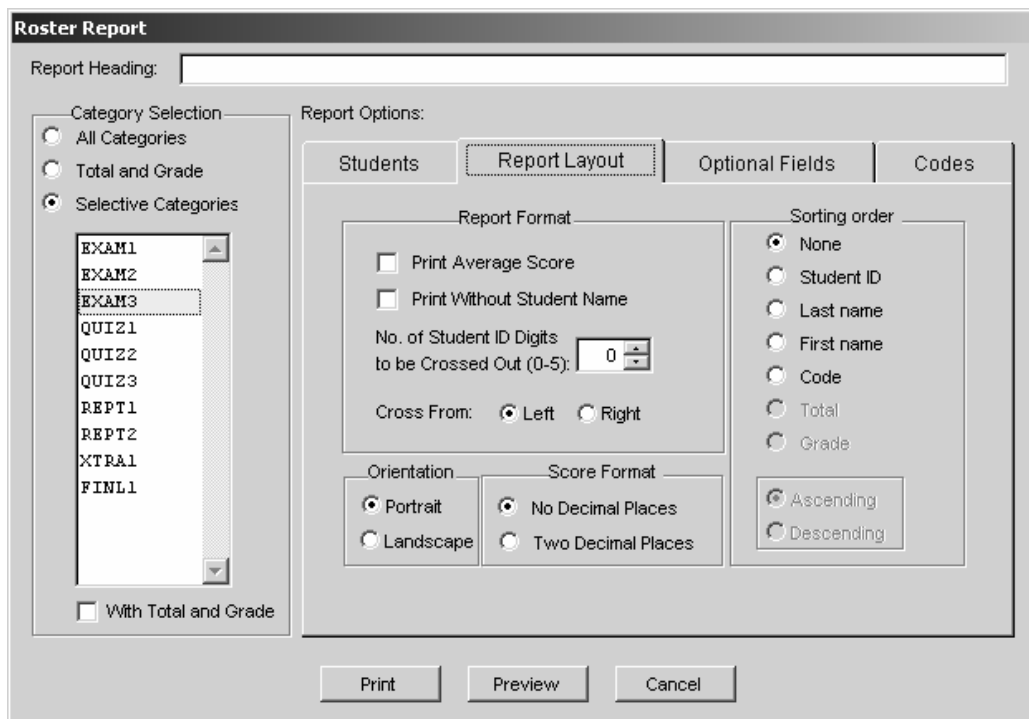
If you click the Select button, the Select Specific Students dialog box is displayed. You can select multiple students from the list.



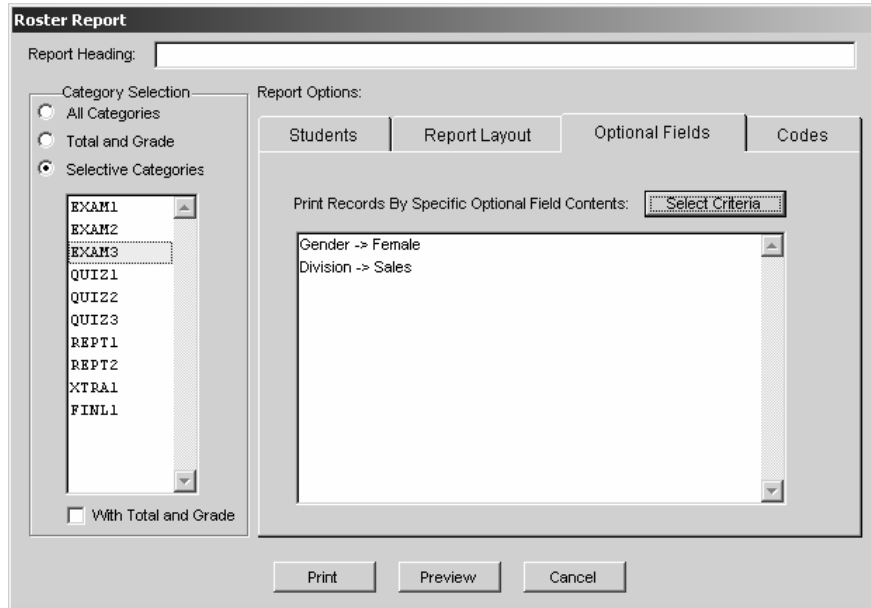
The selected students' IDs are displayed on the Roster report interface after you click Select. You also can manually remove students from the list by selecting the ID and pressing the Delete key.



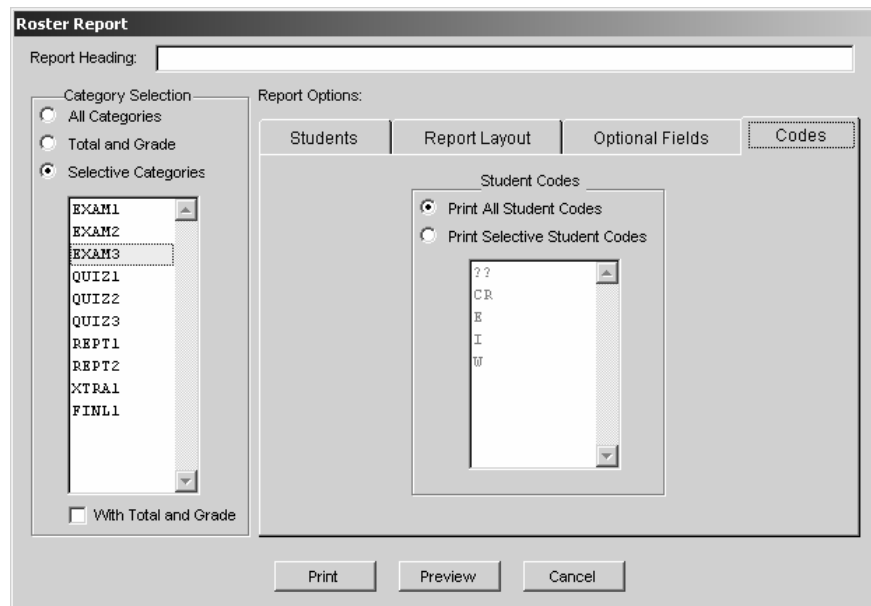
You can customize the report by applying the options provided on the Report Layout tab. The features on this tab are the same as the previous version.



You can apply the Optional Field criteria to the selected students if you wish.



You can further filter students with the Codes tab as usual.



Roster Report On All Test Categories

| | | | |
|---------------|-------------|--------------|-------------------|
| Course #: | PAR-1300 | Instructor: | Ms. Foster |
| Course Title: | Sample Data | Description: | ParSCORE Training |
| Day/Time: | | Term/Year: | Spr 2001 |

| Score Type: Raw | | | | Exam1 | Exam2 | Midt1 | Finl1 | Total | Grade |
|------------------|------------|--------------------|------|-------|-------|-------|-------|-------|-------|
| Possible Points: | | | | 25 | 0 | 0 | 0 | 25 | |
| No. | Student ID | Name | Code | | | | | | |
| 1 | 889757432 | MARCH, BRETT S. | | 25 | | | | 25 | A |
| 2 | 987654321 | CARREN, MILDRED S. | | 25 | | | | 25 | A |
| 3 | 975246771 | GOLDIE, JOHN N. | | 24 | | | | 24 | A |
| 4 | 321583200 | GOLDIE, THOMAS K. | | 24 | | | | 24 | A |
| 5 | 546697581 | MICHAELS, SUSAN | | 22 | | | | 22 | B |
| 6 | 158254780 | MURPHY, AMANDA | | 22 | | | | 22 | B |
| 7 | 062419680 | MURPHY, TYLER | | 22 | | | | 22 | B |
| 8 | 077855007 | SANTEE, RUDY | | 22 | | | | 22 | B |
| 9 | 887321444 | GOODRICH, MIKE | | 21 | | | | 21 | B |
| 10 | 366554444 | GOODWYN, LYNN | | 21 | | | | 21 | B |
| 11 | 879552436 | SMITH, JEFF | | 19 | | | | 19 | C |
| 12 | 499499499 | KORTE, JOHNATHAN | | 19 | | | | 19 | C |

Roster Report On Total and Grade

| | | | |
|---------------|----------------|--------------|--------------|
| Course #: | ReadingQ4 2003 | Instructor: | Royal Oak PS |
| Course Title: | Reading | Description: | |
| Day/Time: | | Term/Year: | |

Records Based On: All Students

Score Type: Percent

| | | | | Total | Grade |
|------------------|------------|----------------------|------|-------|-------|
| Possible Points: | | | | | |
| Average: | | | | N/A | |
| No. | Student ID | Name | Code | | |
| 1 | 234229988 | JOHNSON, JULIE K. | | 40.00 | F |
| 2 | 510764321 | BARNES, JACK H. | | 60.00 | D |
| 3 | 533454310 | FOSTER, STEVE K. | | 80.00 | B |
| 4 | 540124456 | DAVD, SCOTT Q. | | 65.00 | D |
| 5 | 541336789 | HILL, CHRISTINE M. | | 40.00 | F |
| 6 | 543876984 | GARVIN, MARY Q. | | 70.00 | C |
| 7 | 552376654 | NEISA, BOB B. | | 60.00 | D |
| 8 | 554565321 | FRANK, JILL F. | | 80.00 | B |
| 9 | 559874354 | ARMSTRONG, HENRY W. | CR | 90.00 | CR |
| 10 | 765653234 | TAYLOR, KAY K. | | 80.00 | B |
| 11 | 780061008 | BELL, KEN K. | | 80.00 | B |
| 12 | 782321239 | JOHNSON, ANDREW K. | | 70.00 | C |
| 13 | 790720073 | SMITH, STEVE K. | | 90.00 | A |
| 14 | 830652061 | STRONG, NOAH W. | | 80.00 | B |
| 15 | 830666068 | DAVDS, AMY Q. | | 80.00 | B |
| 16 | 830692068 | HILLER, CHRIS M. | | 60.00 | D |
| 17 | 840254023 | BRADY, MARSHA C. | | 70.00 | C |
| 18 | 840300032 | BRADY, PETER C. | | 70.00 | C |
| 19 | 840304035 | BARNS, TIMOTHY H. | | 70.00 | C |
| 20 | 840322038 | JOHNS, JACQUELINE K. | | 30.00 | F |
| 21 | 840380035 | CORN, BOB B. | | 60.00 | D |
| 22 | 840400042 | FRANK, JACK F. | | 70.00 | C |

Score Distribution Report:

This report provides an analysis of how student scores are distributed for the total or a specific test. A Percentile or Histogram view is available.

- Select Total or a Specific Score
- Select the Percentile or Histogram View
- Select Print or Preview

Score Distribution Percentile Report On Total

| | |
|---------------------------|--------------------------------|
| Course #: PAR-1300 | Instructor: Ms. Foster |
| Course Title: Sample Data | Description: ParSCORE Training |
| Day/Time: | Term/Year: Spr 2001 |

| | | |
|-----------------------------------|---------------------|----------------------|
| No. of students in this group: 20 | Mean Score: 18.40 | Highest Score: 25.00 |
| Total Possible Points: 25.00 | Median Score: 20.00 | Lowest Score: 9.00 |
| Standard Deviation: 5.22 | | |

| Raw Score | Percent Correct | Number of Students | Percent of Class | Cummulative Percent | Percentile |
|-----------|-----------------|--------------------|------------------|---------------------|------------|
| 25.00 | 100.00 | 2 | 10.00 | 10.00 | 95.00 |
| 24.00 | 96.00 | 2 | 10.00 | 20.00 | 85.00 |
| 22.00 | 88.00 | 4 | 20.00 | 40.00 | 70.00 |
| 21.00 | 84.00 | 2 | 10.00 | 50.00 | 55.00 |
| 19.00 | 76.00 | 2 | 10.00 | 60.00 | 45.00 |
| 17.00 | 68.00 | 2 | 10.00 | 70.00 | 35.00 |
| 14.00 | 56.00 | 2 | 10.00 | 80.00 | 25.00 |
| 11.00 | 44.00 | 2 | 10.00 | 90.00 | 15.00 |
| 9.00 | 36.00 | 2 | 10.00 | 100.00 | 5.00 |

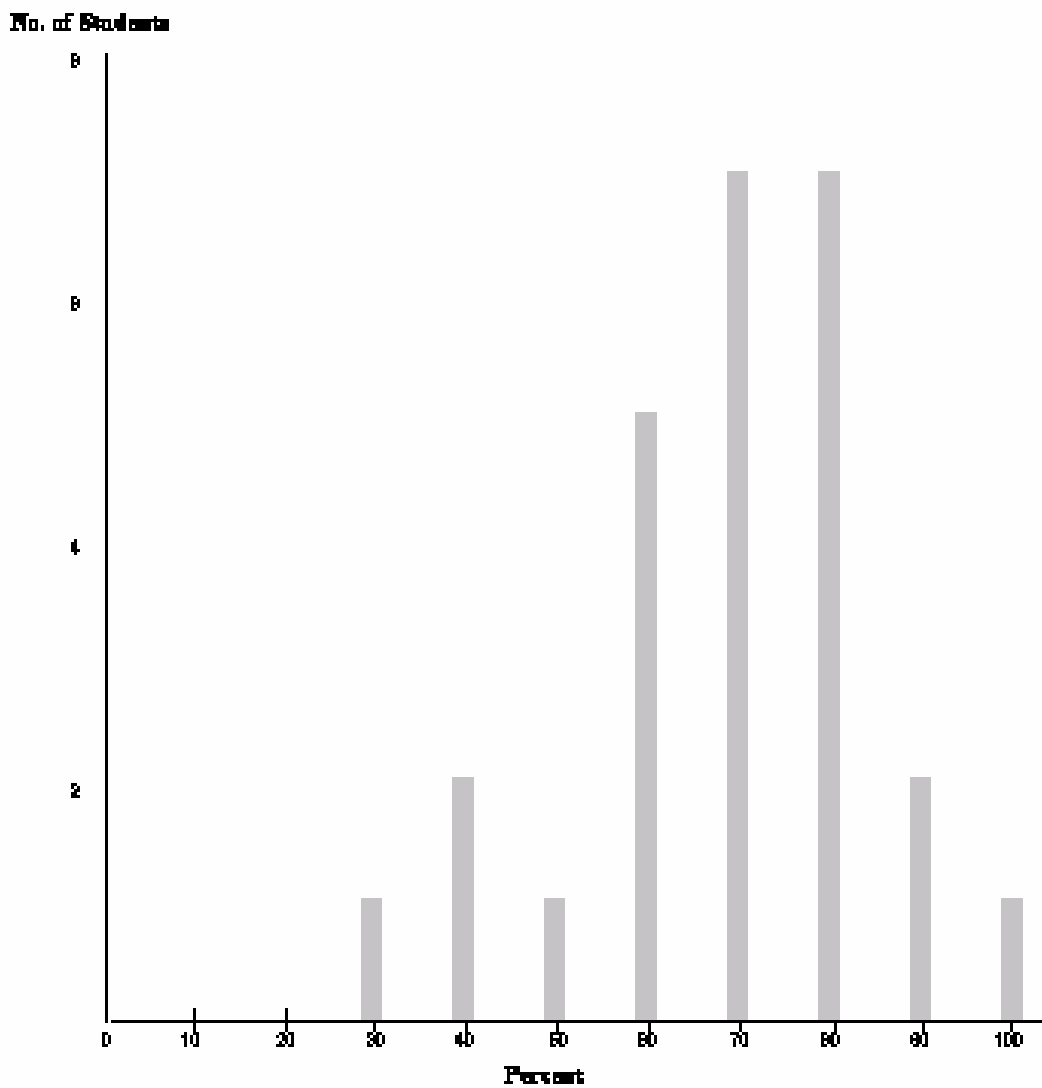
Score Distribution Histogram Report On Total

| | |
|--------------------------|--------------------------|
| Course #: ReadingQ4 2003 | Instructor: Royal Oak PS |
| Course Title: Reading | Description: |
| Day/Time: | Term/Year: |

No. of students in this group: 26

Student group from: All Students

| | | |
|------------------------------|----------------------|--------------------|
| Total Possible Points: 10.00 | Highest Score: 13.00 | Mean Score: 7.00 |
| Standard Deviation: 1.90 | Lowest Score: 3.00 | Median Score: 7.07 |



Student Enrollment Report:

This report provides a list of the enrolled students.
Select Print or Preview

Scantron Professional Services Student Enrollment Report

| | | | |
|---------------|----------------|--------------|--------------|
| Course #: | F-14501- | Instructor: | Mr. Scantron |
| Course Title: | Sample Reports | Description: | |
| Day/Time: | | Term/Year: | Aug 2001 |

| No. | Student ID | Name | Code | Phone | Comment |
|-----|------------|--------------------|------|--------------|---------|
| 1 | 887766779 | ADAMS, BOB | | 949 555 1212 | |
| 2 | 954667654 | MILLER, SUSAN U. | | | |
| 3 | 234229988 | JOHNSON, JULIE K. | | | |
| 4 | 559874354 | ARMSTRONG, HENRYW. | | | |
| 5 | 533454310 | FOSTER, STEVE K. | | | |
| 6 | 543876984 | DAVD, MARY Q. | | | |

Student Profile Report:

This report provides the three optional columns from the student tab in the categories you select, with or without the student name.

Select the desired customized columns and category selection

Select the desired Report Format

Select Print or Preview

Student Profile Report With Selective Categories

Course #: PAR-1300
 Course Title: Sample Data
 Day/Time:

Instructor: Ms. Foster
 Description: ParSCORE Training
 Term/Year: Spr 2001

Score Type: Raw

| No. | Student ID | Name | Street Address | City | ZIP | Exam1 25.00 | Total 25.00 | Grade |
|-----|------------|--------------------|---------------------|---------------|-------|----------------|----------------|-------|
| 1 | 343607340 | WATSON, PHILLIP | 21676FAIRBROOK | MISSION VIEJO | 92692 | 9.00 | 9.00 | F |
| 2 | 652243607 | DREYFUS, DON | 21676FAIRBROOK | MISSION VIEJO | 92692 | 9.00 | 9.00 | F |
| 3 | 887766779 | ARMSTRONG, BOB | 50 LAKE AVE | IRVINE | 98765 | 11.00 | 11.00 | F |
| 4 | 985877661 | ADAMS, BOB | 50 LAKE AVE | IRVINE | 98765 | 11.00 | 11.00 | F |
| 5 | 615815865 | REYNOLDS, ALICE L. | 2973 5 NIGUEL NO H | LAGUNA NIGUEL | 92677 | 14.00 | 14.00 | F |
| 6 | 584432585 | ROSE, EVELYN L. | 2973 5 NIGUEL NO H | LAGUNA NIGUEL | 92677 | 14.00 | 14.00 | F |
| 7 | 955119546 | BROCH, LORI | 12901 DUNAS RD | SANTA ANA | 92705 | 17.00 | 17.00 | D |
| 8 | 658255489 | MASONITE, LORI | 12901 DUNAS RD | SANTA ANA | 92705 | 17.00 | 17.00 | D |
| 9 | 496499499 | KORTE, JOHNATHAN | 1052 STETSON CIRCLE | CORONA | 92882 | 19.00 | 19.00 | C |
| 10 | 679552436 | SMITH, JEFF | 1052 STETSON CIRCLE | CORONA | 92882 | 19.00 | 19.00 | C |
| 11 | 36654444 | GOODWYN, LYNN | THE NORTH WOODS | SOMEWHERE | | 21.00 | 21.00 | B |
| 12 | 887321444 | GOODRICH, MIKE | THE NORTH WOODS | SOMEWHERE | | 21.00 | 21.00 | B |
| 13 | 077855007 | SANTEE, RUDY | 1361 VALENCIA AVE | TUSTIN | 92780 | 22.00 | 22.00 | B |
| 14 | 062419680 | MURPHY, TYLER | 1342 WINDEMERE LANE | TUSTIN CA | 92780 | 22.00 | 22.00 | B |
| 15 | 158254780 | MURPHY, AMANDA | 1342 WINDEMERE LANE | TUSTIN CA | 92780 | 22.00 | 22.00 | B |

Student Test Report:

This report provides the student's with details on a specific test. The Answer Key is not included by default. You will have multiple options to customize the layout of the report.

Select the Category

Select the Report Layout: Detailed, Standard, or Basic Test Report

Select the Sort Order

Select All Students or Selective Students

Include: Answer Key, Cumulative Score, Comments from Roster

Select Print or Preview

The Sort Order determines the order sent to the Printer

Student Test Report

Report Heading:

Category:

| | |
|------|---|
| Exam | 1 |
| Quiz | 1 |

Detailed Test Report
 Standard Test Report
 One Student Report Per Page
 Two Student Reports Per Page
 Basic Test Report

All Students
 Selective Students

Sort By:

| | |
|---|--|
| <input checked="" type="radio"/> Student ID | Order By: |
| <input type="radio"/> Last Name | <input checked="" type="radio"/> Ascending |
| <input type="radio"/> Student Code | <input type="radio"/> Descending |
| <input type="radio"/> Student Score | |

Student ID Format

No. of Student ID Digits to be Crossed Out (0..5):

Cross From: Left Right

Print Remarks:

Print Answer Keys Print Cumulative Score
 Include Comment From Roster

Print Records By Specific Optional Field Contents:

Student Test Report On Exam 1 A

Course #: PAR-1300
 Course Title: Sample Data
 Day/Time:

Instructor: Ms. Foster
 Description: ParSCORE Training
 Term/Year: Spr 2001

Student Name: MURPHY, TYLER

Student ID: 062419680

Code:

| | Possible Pts. | Raw | Objective | Subj./Essay | Percent | | |
|-------------|---------------|-------|-----------|-------------|---------|--------|--|
| EXAM 1: | 25.00 | 22.00 | 22.00 | 0 | 88.00% | | |
| | Possible Pts. | Raw | Percent | Grade | Mean | Median | |
| Cumulative: | 25.00 | 22.00 | 88.00% | B | 18.40 | 20.00 | |

Remarks:

Comment:

Student Test Report On Exam 1 A

Course #: PAR-1300
 Course Title: Sample Data
 Day/Time:

Instructor: Ms. Foster
 Description: ParSCORE Training
 Term/Year: Spr 2001

Student Name: MURPHY, TYLER

Student ID: 062419680

Code:

| | Possible Pts. | Raw | Objective | Subj./Essay | Percent | | |
|-------------|---------------|-------|-----------|-------------|---------|--------|--|
| EXAM 1: | 25.00 | 22.00 | 22.00 | 0 | 88.00% | | |
| | Possible Pts. | Raw | Percent | Grade | Mean | Median | |
| Cumulative: | 25.00 | 22.00 | 88.00% | B | 18.40 | 20.00 | |

Response Description: <dash> correct response <#> multiple marks <space> no response
 <alphabet> student's incorrect response <^> bonus test item

| Test Items: | 1-5 | 6-10 | 11-15 | 16-20 | 21-25 | | | | |
|-------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|
| Test Key: | A, D, D, A, B | C, A, A, B, C | A, B, D, B, B | E, B, A, D, A | E, B, C, #, A | | | | |
| Answers | -,-,-,-,- | -,-,-,-,- | -,-,-,-,- | -,-,-,-,- | -,-,-,-,- | | | | |

Remarks:

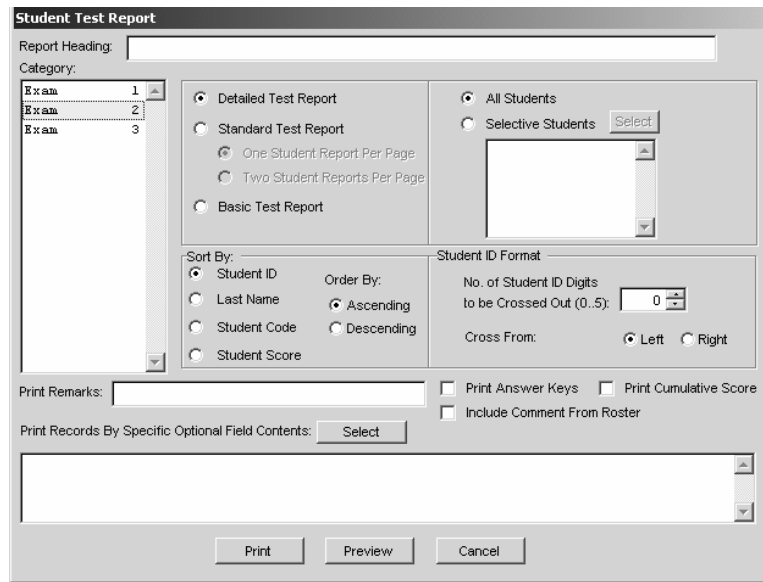
Comment:

Student's Answer to Multiple Mark Question:

| Item | Key | Student's Answer |
|------|-------|------------------|
| 24 | A+C+D | C |

Omitted Items Displayed on Detailed Student Test Report

The Detailed Student Test Report now displays Omitted Items at the bottom of the report in addition to Multiple Marks. To view the report, select 'Student Test Report' from the Reports menu. In the dialog box, choose 'Detailed Test Report' in the top center.



Click Print or Preview to print or view the report.

Sample Detailed Student Test Report:

| | | | | | | | | | | |
|---|---|-------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------|
| Student Name: MORANS, ELIZABETH A. | | | | | | | | | | |
| Student ID: 811265126 | | | Code: | | | | | | | |
| | <u>Possible Pts.</u> | <u>Raw</u> | <u>Objective</u> | <u>Subj./Essay</u> | <u>Percent</u> | <u>Grade</u> | | | | |
| EXAM 3: | 112.00 | 73.40 | 37.40 | 36 | 65.54% | D | | | | |
| Response Description: | <dash> correct response | | <#> multiple marks | | <space> no response | | | | | |
| | <alphabet> student's incorrect response | | <*> bonus test item | | | | | | | |
| Test Items: | 1-5 | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 |
| Test Key: | # , C , D , A , A | B , B , B , A , C | C , B , B , A , A | * , B , B , B , B | C , E , D , D , B | B , A , B , A , B | C , C , B , C , A | A , C , B , A , C | A , A , D , B , C | C , D , D , C , C |
| Answers | C , C , C , C , C | - , C , - , D , E | A , - , D , - , D | - , - , - , - , - , - | - , - , - , B , - , - | A , - , - , - , - , - | - , - , - , - , - , - | B , - , - , - , - , - | C , C , - , - , - , - | - , - , - , - , - |
| Remarks: | | | | | | | | | | |

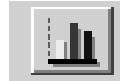
List of Student's Multiple/Omitted Responses and Items with Multiple Answers:

| Item | Key | Student's Answer |
|------|-----|------------------|
| 1 | A+C | C |
| 49 | | <omitted> |
| 50 | | <omitted> |

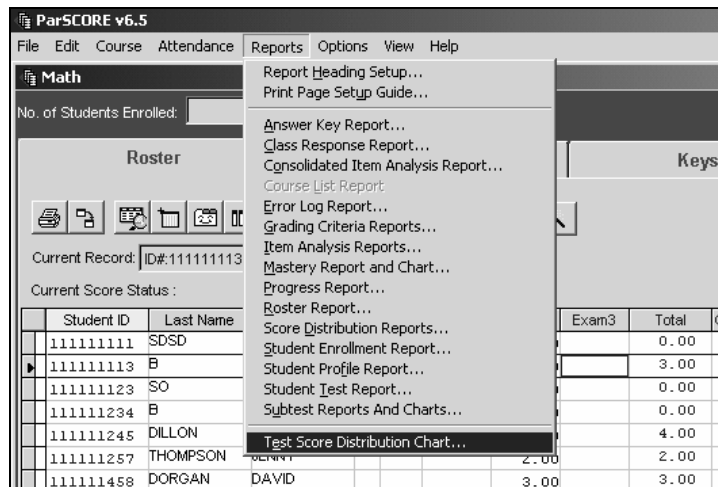
Test Score Distribution Chart

Bar graphs of results from each score column on the Roster tab can be generated using the Test Score Distribution Chart. To view the bar graph, click anywhere in the score column you would like to view. Then go to the Reports menu and select 'Test Score Distribution Chart.' You can also simply click the graph icon in the Roster tab.

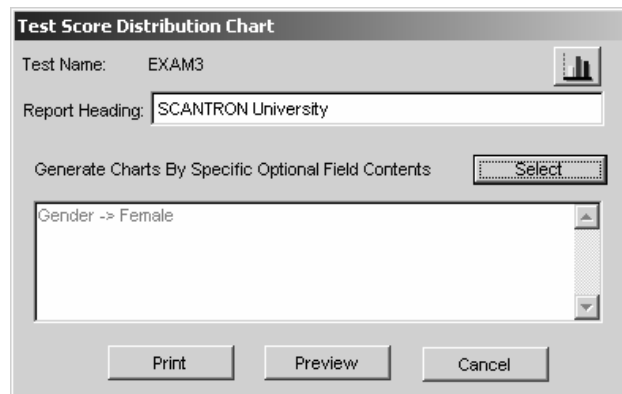
From the Roster tab:



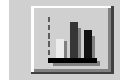
From the Reports menu:



You can produce a graph based on a specific group of students by clicking the Select button and choosing optional fields, similar to other reports.

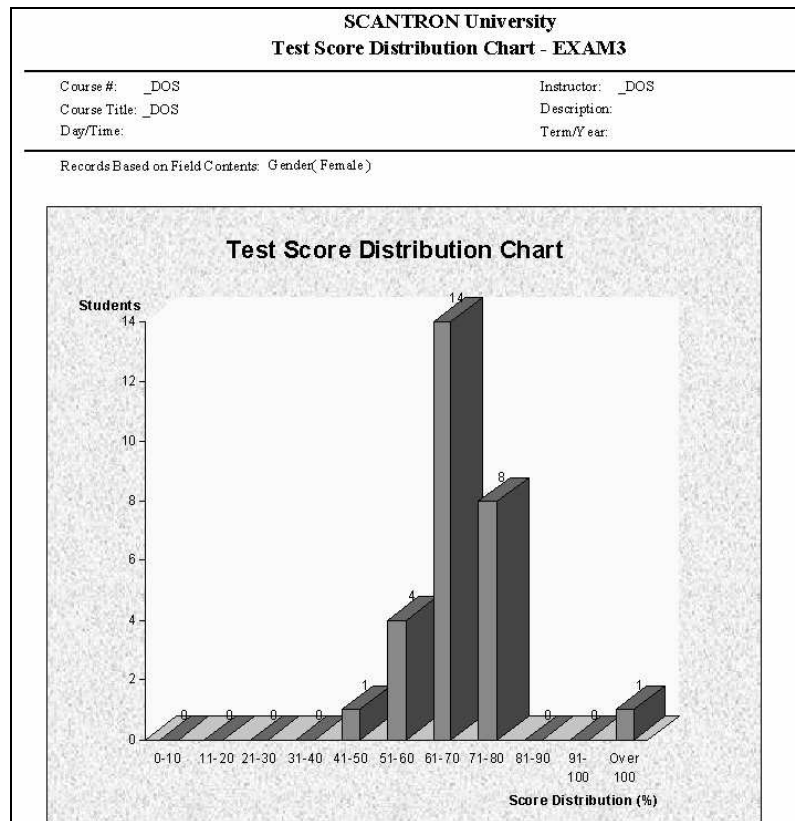


Before printing or previewing, click the graph icon in the Test Score Distribution Chart dialog box to make sure the data from your selections is loaded.



Click Print or Preview to print or view the Test Score Distribution Chart.

Sample Test Score Distribution Chart:



Subtesting

Subtesting provides an unlimited way to break down a test into categories and examine the student's performance on each category.

If you give a 100-question test and you want to find out how the questions from the Video, a Textbook, or a Lecture are doing – I can use the subtesting to break down my questions into these categories.

A test must be scored into a column and any unused versions of the key must be removed before you can perform subtesting.

Subtesting can be performed once the test is scanned using the standard ParSCORE forms or once the ParTEST Online test file has been scored.

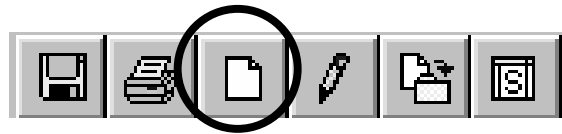
Subtest reports can be printed and the scores can be posted back to the main roster. When the scores are posted to the main roster – it is for information only and does not affect the grades. The column can be deleted with the Score Column Setup.

Select the Score Column
Select the Subtesting icon (shown right)



| Student ID | Last Name | First Name | I. | Code | Quiz1 | Video | Lecture | Textbook |
|------------|-----------|------------|----|------|-------|-------|---------|----------|
| 540124456 | BRADY | PETER | C | | 28.00 | 3.00 | 0.00 | 1.00 |
| 541336789 | HILL | CHRIS | M | | 29.00 | 4.00 | 1.00 | 2.00 |
| 987666543 | SMITH | JOHN | K | | 30.00 | 4.00 | 3.00 | 1.00 |
| 510764321 | BARNES | TIMOTHY | H | | 31.00 | 5.00 | 2.00 | 2.00 |
| 343607340 | DATSON | MIKE | | | 32.00 | 0.00 | 0.00 | 0.00 |
| 765653234 | ENNIS | KAY | K | | 33.00 | 5.00 | 3.00 | 2.00 |

Creating a New Subtest:



- Enter the Subtest Name
- Enter a Subtest Description
- Enter the Number of Items
- Enter the Minimum % to Pass
- Select the questions needed
- Select "OK" to finish

*(maximum of 8 characters)
(Optional)*

Subtest Criteria On Quiz1

Subtest Name:

No. of Test Versions:

Subtest Description:

User Descriptor:

Criteria:

No. of Items on This Subtest:

Minimum % to Pass (1-100):

Passing This Subtest Required to Pass Overall:

Setup Questions on Version:

Available Questions:

- 1
- 2
- 3
- 4
- 5
- 7
- 9
- 10
- 12
- 13
- 14
- 16

Selected Questions: 4

- 6
- 8
- 11
- 15

>>>

<<<

OK Cancel

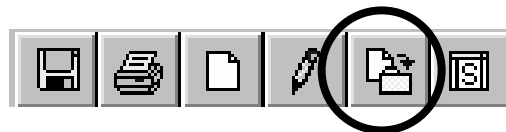
View and/or Post Subtest Results:

Once the subtest is created you can view the results online and if needed – Post the results back to the Roster. If you post the results back to the Roster – a column will be created with the subtest name.

| Student ID | Last Name | First Name | I. | Code | Score | Percent |
|------------|-----------|------------|----|------|-------|---------|
| 820048002 | ABOUNTERI | ALBERT | | | 1.00 | 50.00 |
| 811170116 | ALBRIGHT | ALLEN | E | | 1.00 | 50.00 |
| 821841184 | ALDERSON | WILLIAM | A | | 0.00 | 0.00 |
| 811111118 | ANOLLA | ANTHONY | R | | 0.00 | 0.00 |

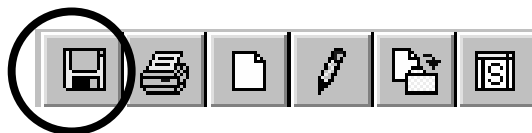
Importing a ParTEST File:

The ParTEST Key file can be imported into the subtesting module. The Keyword List assigned to each question is used to combine the questions into subtest names. The first 8 characters are used for the subtest name. You will need to select the Drive and Directory for the ParTEST or ParTEST Online file to import.



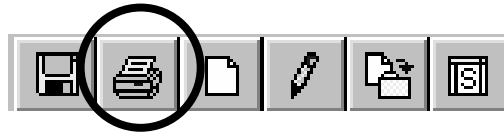
Saving a Subtest File:

If needed you can Save the Subtest setup for use in another course.



Printing Subtest Reports:

Once the Subtests are created or imported you can print a Class Report, Class Summary, Individual, or the Subtest criteria report.



Subtesting Reports

Report Heading:

Select a Report

Subtest Criteria Report
 Subtest Class Summary Report
 Individual Subtest Report
 Subtest Class Report

Evaluate Records By Specific Optional Field Contents Select

Process Individual Subtest Report For

All Students
 Selective Students Select

| Orientation | Report Format | Student Codes |
|--|--|--|
| <input checked="" type="radio"/> Portrait <input type="radio"/> Landscape | <input type="checkbox"/> Print Without Student Name No. of Student ID Digits to be Crossed Out (0-5): <input type="text" value="0"/> Cross From: <input checked="" type="radio"/> Left <input type="radio"/> Right | <input checked="" type="radio"/> Print All Student Codes <input type="radio"/> Print Selective Student Codes <input type="text" value="??"/> <input type="text" value="I"/> |

Subtest Class Report On EXAM1

Course #: PAR-1300
 Course Title: Sample Data
 Day/Time:

Instructor: Ms. Foster
 Description: ParSCORE Training
 Term/Year: Spr 2001

Overall Subtest Criteria: Must pass 0 out of 3 subtests

| Subtest Name: | | TOOL_BAR | | REPORTS | | KEYWORDS | | Overall | |
|--------------------|--|----------|--|---------|--|----------|--|---------|--|
| No. of Items: | | 5 | | 5 | | 3 | | | |
| Possible Points: | | 5.00 | | 5.00 | | 3.00 | | | |
| Minimum % to Pass: | | 75.00% | | 75.00% | | 75.00% | | | |
| Required to Pass: | | No | | No | | No | | | |

| No. | Student ID | Pts | % | Pts | % | Pts | % | Passed | Status |
|-----|------------|------|---------|------|---------|------|---------|--------|--------|
| 1 | 062419680 | 5.00 | 100.00% | 5.00 | 100.00% | 3.00 | 100.00% | 3 | |
| 2 | 077855007 | 5.00 | 100.00% | 5.00 | 100.00% | 3.00 | 100.00% | 3 | |
| 3 | 158254780 | 5.00 | 100.00% | 5.00 | 100.00% | 3.00 | 100.00% | 3 | |
| 4 | 321583200 | 5.00 | 100.00% | 5.00 | 100.00% | 3.00 | 100.00% | 3 | |

Subtest Class Summary Report On EXAM1

Course #: PAR-1300
 Course Title: Sample Data
 Day/Time:

Instructor: Ms. Foster
 Description: ParSCORE Training
 Term/Year: Spr 2001

Overall Class Performance

Minimum Requirement: 0 out of 3 subtest(s)
 % of Class Passed Overall: N/A
 % of Class Passed the Required Subtests: N/A

Each Subtest Performance

| No. | Subtest Name | Subtest Description | Required to Pass | No. of Students Passed | Percent of Class Passed | Average Score |
|-----|--------------|---------------------|------------------|------------------------|-------------------------|---------------|
| 1 | TOOL_BAR | Tool bar icons | No | 20 | 100.00 % | 96.00 % |
| 2 | REPORTS | Reports | No | 14 | 70.00 % | 72.00 % |
| 3 | KEYWORDS | Keywords | No | 10 | 50.00 % | 76.67 % |

Individual Subtest Report On EXAM1

Course #: PAR-1300
 Course Title: Sample Data
 Day/Time:

Instructor: Ms. Foster
 Description: ParSCORE Training
 Term/Year: Spr 2001

Student Name: ADAMS, BOB

Student ID: 985877661

Overall Performance

Minimum Requirement: 0 out of 3 subtest(s)
 Student's Performance: 1 out of 3 subtest(s)
 Passed All Required Subtests? Yes
 Status: N/A

Each Subtest Performance

| No. | Subtest Name | Subtest Description | Required to Pass | Possible Points | % Required To Pass | Points Score | Percent Score | Pass/Fail |
|-----|--------------|---------------------|------------------|-----------------|--------------------|--------------|---------------|-----------|
| 1 | TOOL_BAR | Tool bar icons | No | 5.00 | 75.00% | 5.00 | 100.00% | Pass |
| 2 | REPORTS | Reports | No | 5.00 | 75.00% | 1.00 | 20.00% | Fail |
| 3 | KEYWORDS | Keywords | No | 3.00 | 75.00% | 2.00 | 66.67% | Fail |

Subtest Criteria Report On EXAM3

| | |
|------------------------|-----------------------------------|
| Course #: 45223 | Instructor: Prof. Scantron |
| Course Title: Mgmt 449 | Description: Strategic Management |
| Day/Time: T,R 8-9 AM | Term/Year: Fall |

Total number of selected subtests: 3
 No. of subtests student must pass: 2
 Assign pass/fail status? Yes

| |
|----------------------------|
| Subtest Name: VIDEO |
|----------------------------|

Subtest description: Video
 User-descriptor:
 No. of items on this subtest: 10
 Minimum % required to pass: 50
 Required to pass overall: No

Items on VIDEO

Form A:
 1 2 3 4 5 6 7 8 9 10

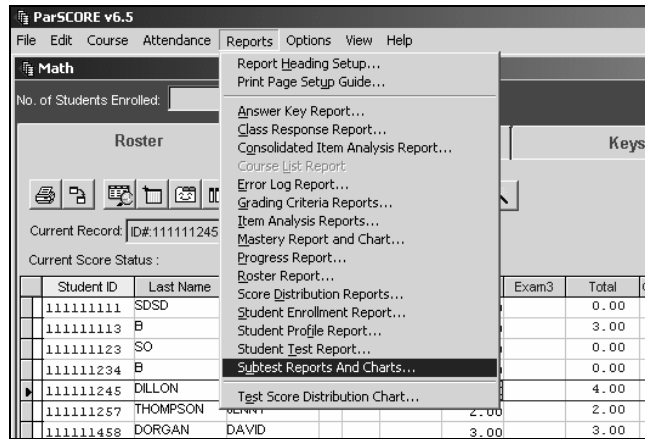
Subtest Reports Listed in Reports Menu

In addition to opening the Subtesting dialog box by selecting the subtest icon on the Roster tab, you can now also select 'Subtest Reports and Charts' from the Reports menu for easy access to subtest information.

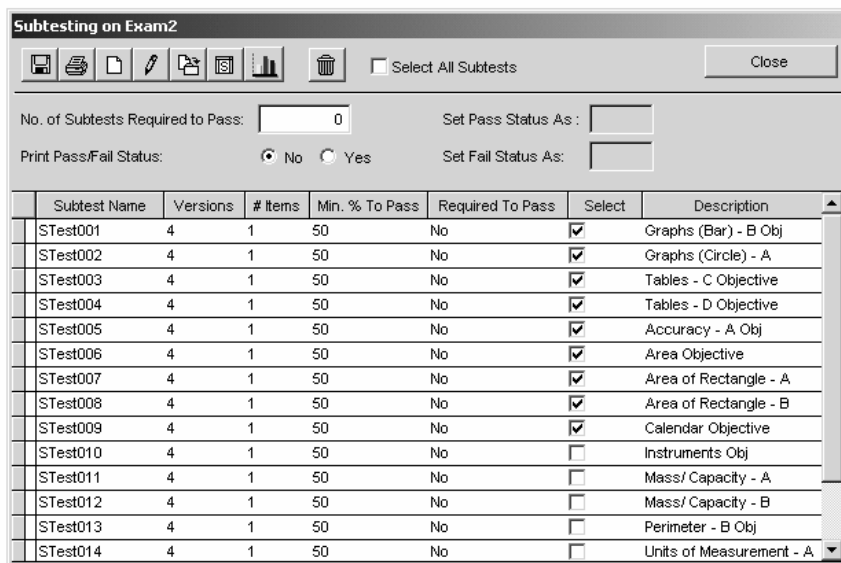
From the Roster tab:



From the Reports menu:



Both will open the Subtesting dialog box.



Subtest Results Distribution Chart

You can generate a Subtest Results Distribution Chart to view the percentage of students who passed each subtest or the mean score on each subtest. To generate the graph, go to the Subtesting dialog box by clicking a score column and selecting the subtest icon on the Roster tab, or by selecting 'Subtest Reports and Charts' under the Reports menu as described above.

Check the boxes under the "Select" column for the subtests you would like to view. You can view up to 15 subtests at a time for an individual test.

Subtesting on Exam2

Select All Subtests
 Close

No. of Subtests Required to Pass:
Set Pass Status As:

Print Pass/Fail Status: No Yes
 Set Fail Status As:

| Subtest Name | Versions | # Items | Min. % To Pass | Required To Pass | Select | Description |
|--------------|----------|---------|----------------|------------------|-------------------------------------|--------------------------|
| STest001 | 4 | 1 | 50 | No | <input checked="" type="checkbox"/> | Graphs (Bar) - B Obj |
| STest002 | 4 | 1 | 50 | No | <input checked="" type="checkbox"/> | Graphs (Circle) - A |
| STest003 | 4 | 1 | 50 | No | <input checked="" type="checkbox"/> | Tables - C Objective |
| STest004 | 4 | 1 | 50 | No | <input checked="" type="checkbox"/> | Tables - D Objective |
| STest005 | 4 | 1 | 50 | No | <input checked="" type="checkbox"/> | Accuracy - A Obj |
| STest006 | 4 | 1 | 50 | No | <input checked="" type="checkbox"/> | Area Objective |
| STest007 | 4 | 1 | 50 | No | <input checked="" type="checkbox"/> | Area of Rectangle - A |
| STest008 | 4 | 1 | 50 | No | <input checked="" type="checkbox"/> | Area of Rectangle - B |
| STest009 | 4 | 1 | 50 | No | <input checked="" type="checkbox"/> | Calendar Objective |
| STest010 | 4 | 1 | 50 | No | <input type="checkbox"/> | Instruments Obj |
| STest011 | 4 | 1 | 50 | No | <input type="checkbox"/> | Mass/ Capacity - A |
| STest012 | 4 | 1 | 50 | No | <input type="checkbox"/> | Mass/ Capacity - B |
| STest013 | 4 | 1 | 50 | No | <input type="checkbox"/> | Perimeter - B Obj |
| STest014 | 4 | 1 | 50 | No | <input type="checkbox"/> | Units of Measurement - A |

In the Subtest Results Distribution Chart dialog box, select any optional field contents for filtering by clicking Select and choose whether to view the percentage of students who passed each subtest or the average score on each subtest.

Subtest Results Distribution Chart

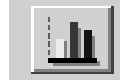
Report Heading:

View By:

% Student Passed
 Average Score

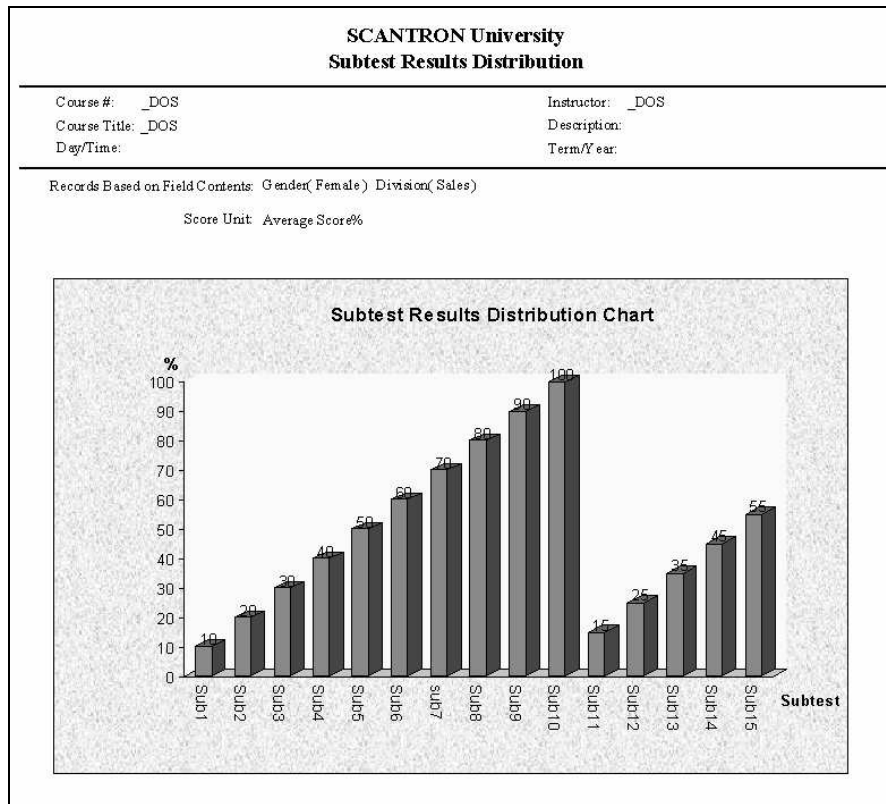
Generate Charts By Specific Optional Field Contents

Before printing or previewing, click the graph icon in the dialog box to make sure the data from your selections is loaded.



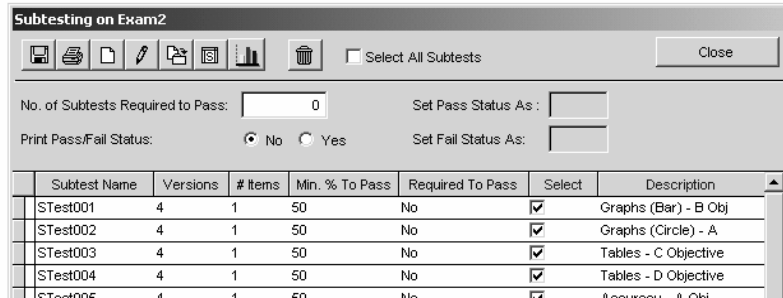
Click Print or Preview to print or view the Subtest Results Distribution Chart.

Sample Subtest Results Distribution Chart:

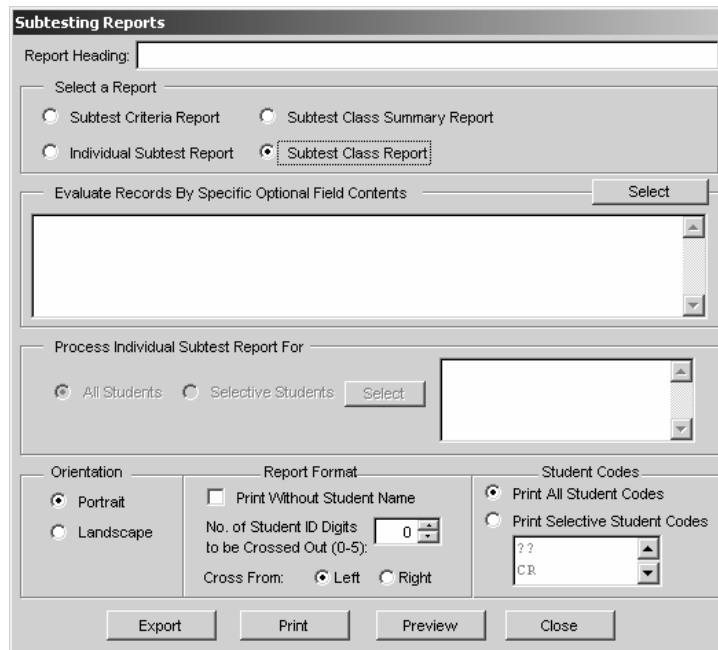


Export of Subtest Class Report Data

To export data from the Subtest Class Report, go to the Subtesting dialog box by clicking the subtest icon on the Roster tab or selecting Subtest Reports and Charts from the Reports menu. Select the subtests you would like to include and click the printer icon to go to the subtest reports.




In the Subtesting Reports dialog box, select the Subtest Class Report and click Export.

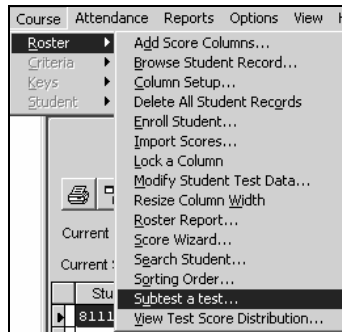


The subtest data will load, and you will then be prompted to save the data in CSV format to your computer.

Create Subtests Before Scoring

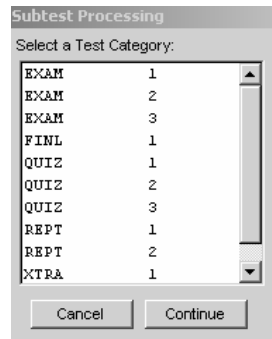
Before creating a subtest, you must first create a score column and add an answer key. However, you are no longer required to enroll students or score the test before creating a subtest. After creating a score column and entering an answer key, open the Subtesting dialog box via one of the following paths:

- Select the subtest icon from the Roster tab: 
- Select 'Subtest a test' from the Course menu:

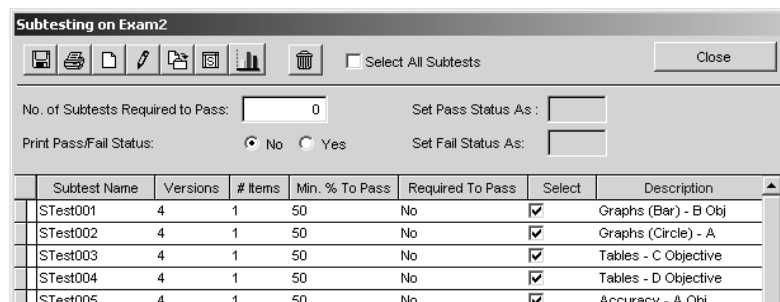


- Select 'Subtest Reports and Charts' from the Reports menu.

If you have not selected a score column on the Roster tab, you will be prompted to select a test category before accessing the Subtesting dialog.

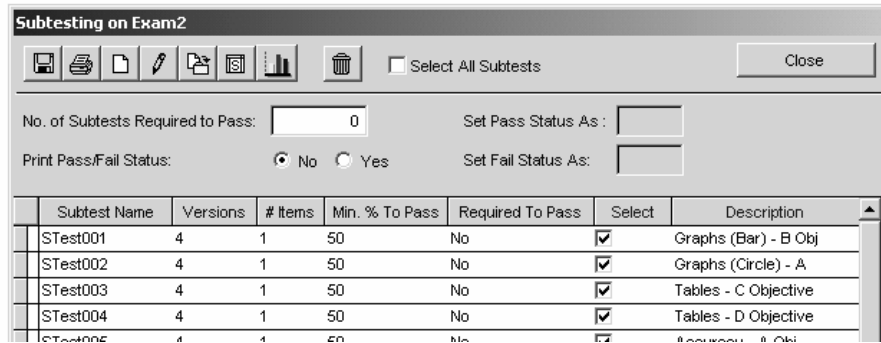


You can then proceed with creating a subtest.

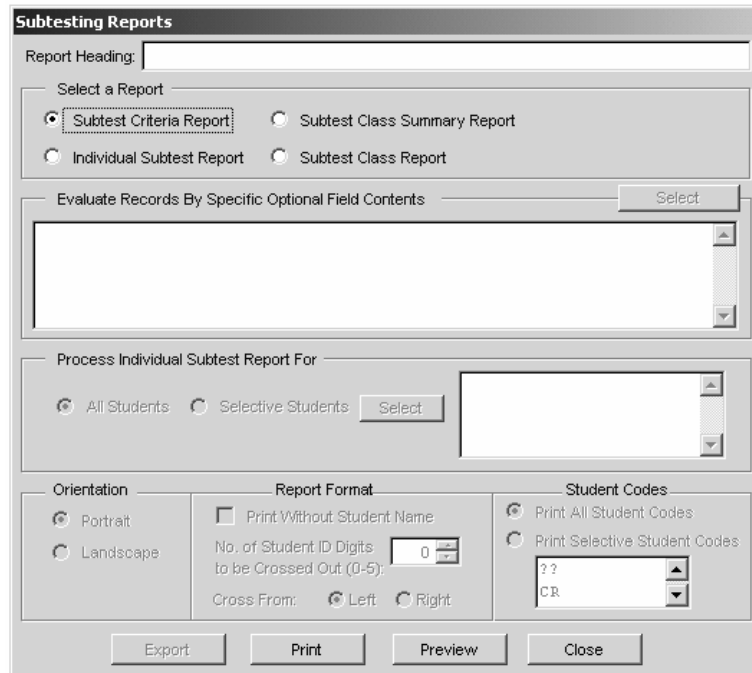


Print Subtest Criteria Report Before Scoring

After subtests are created for a test, you can print a Subtest Criteria Report. You are no longer required to score the test before printing the report. To print a Subtest Criteria Report, open the Subtesting dialog box. In the dialog box, click the printer icon.

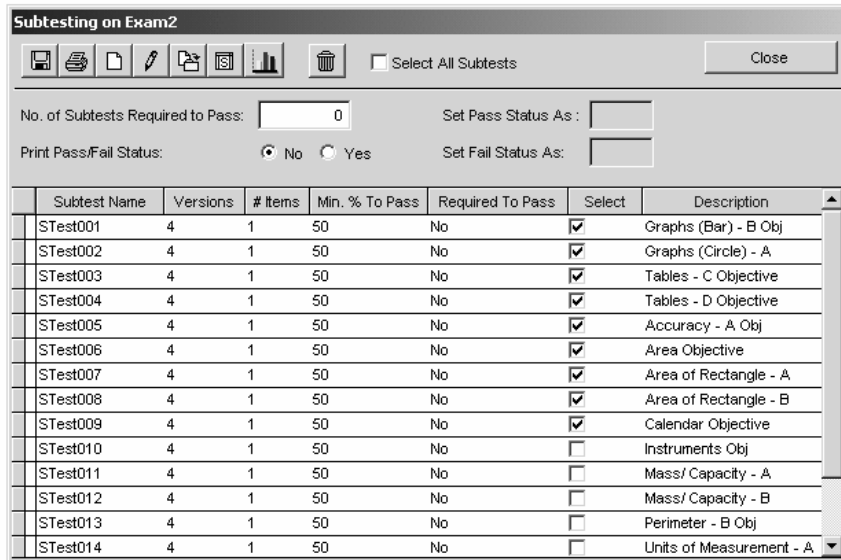


Select 'Subtest Criteria Report' in the Subtesting Reports dialog box. Then click Print or Preview to print or view the report.



Post All Subtests to Roster Simultaneously

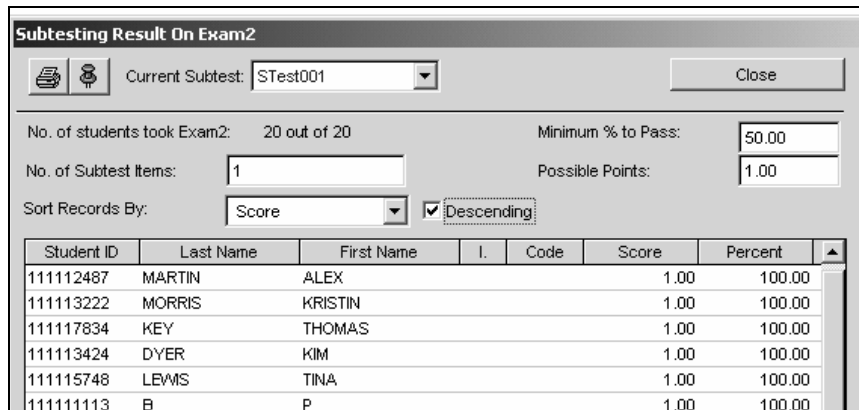
All subtests can now be posted to the Roster tab at the same time. To post multiple subtests, open the Subtesting dialog box. Under the 'Select' column, check the boxes next to the subtests you would like to post to the Roster. To select all subtests at once, check the 'Select All Subtests' box at the top of the dialog box.



Click the View/Post Subtest icon after all chosen subtests are checked.



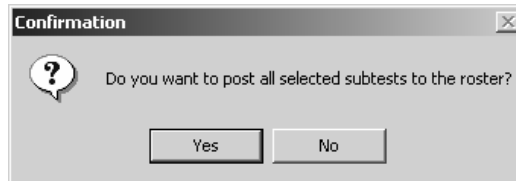
The Subtesting Results dialog box will display.



Click the Post icon to post all selected subtests.



When asked to confirm that you want to post all selected subtests to the roster, select Yes.



All selected subtests will be posted after you close the Subtesting dialog box. Subtest columns will appear in blue next to the appropriate test.

ParSCORE v6.5

File Edit Course Attendance Reports Options View Help

Math

No. of Students Enrolled: 20

Roster Criteria Keys

Current Record: ID#:111111111 SDDS,SSD Q

Current Score Status :

| | Student ID | Last Name | First Name | I. Code | Exam1 | Exam2 | STest001 | STest002 | STest003 | Exam3 |
|--|------------|-----------|------------|---------|-------|-------|----------|----------|----------|-------|
| | 111111111 | SDDS | SSD | Q | | 0.00 | 0.00 | 0.00 | 0.00 | |
| | 111111113 | B | P | | | 3.00 | 1.00 | 1.00 | 0.00 | |
| | 111111123 | SO | SAMMY | | | 0.00 | 0.00 | 0.00 | 0.00 | |
| | 111111234 | B | P | | | 0.00 | 0.00 | 0.00 | 0.00 | |
| | 111111245 | DILLON | DARCY | | | 4.00 | 0.00 | 0.00 | 0.00 | |
| | 111111257 | THOMPSON | JENNY | | | 2.00 | 0.00 | 0.00 | 0.00 | |
| | 111111458 | DORGAN | DAVID | | | 3.00 | 0.00 | 0.00 | 0.00 | |
| | 111111q35 | S | 34 | | | 0.00 | 0.00 | 0.00 | 0.00 | |
| | 111111wet | T | AGT | | | 0.00 | 0.00 | 0.00 | 0.00 | |
| | 111112434 | LINCOLN | DENNIS | | | 0.00 | 0.00 | 0.00 | 0.00 | |
| | 111112487 | MARTIN | ALEX | | | 16.00 | 1.00 | 1.00 | 1.00 | |
| | 111112222 | MOBBIS | KRISTIN | | | 16.00 | 1.00 | 1.00 | 1.00 | |