

ParSCORE Marking System

Instructor User Guide



2015

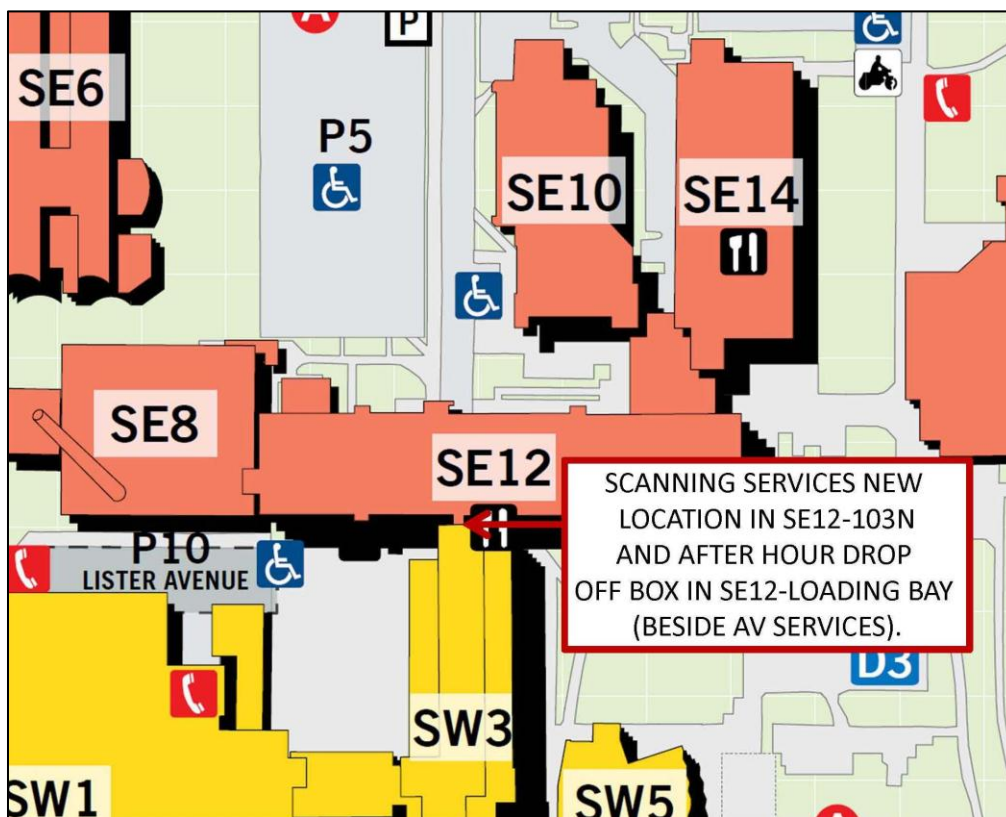
Summary

- Scanning Services is located in Learning and Technology Center in SE12-103N.
- Hours of Operation:

Monday to Friday: 8:00am to 4:00pm
Closed weekends and holidays.

Note: Hours are subject to change during summer.

- The after-hours drop off for exams and survey packages will be in SE12 Loading Bay (beside AV Services). This area can be accessed from 7:00am to 11:00pm each day by taking the stairs or elevator down to the first floor of SW3. (Please see map below.)
- Exam results can be emailed, but please make sure you pick up your exam.
- For further information or questions, please contact Vesna Cukic at 451-7167.



Submitting and Picking Up Exams

- All general purpose answer sheets must be marked in dark pencil only. No ink allowed. The scanner cannot pick up ink.
- Fill circle completely.
- Erase any answers you wish to change.
- Make no stray marks on the answer sheet.
- Place all sheets facing the same direction.
- Make sure you have submitted your answer key(s). Place key(s) on top of bundle.
- Fill out cover sheet and place on top of exam bundle. Cover sheets are available in Scanning Services.
- Exam bundle should be handed over to Scanning Services.
- When results are ready, they should be picked up from Scanning Services in SE12-103N.
- Sign exam logbook at time of pick up.
- Turnaround time for exams is 2 business days. During the week of finals, exams are processed as quickly as possible on a first come first serve basis.

Exam Marking

ParSCORE requires students to fill out on back of general purpose answer sheet the following:

- Name – last name, first name
- Set – very last column within the name field (set is only one letter)
- Student Id
- Test version (only if you have more than one version of an exam)

The student id section requires a 9 digit number which means that the leading “**A**” must be replaced with a “**0**” (zero). For example: A00123456 would be filled in as 000123456. If the identification number section is not filled out correctly, the scanning machine will eject the answer sheet and that particular student’s exam won’t be marked.

If there are multiple versions of an exam the student must indicate the version in the test version box.

Note: Please refer to the example on the next page.

Last Name

First Name

Set

Student Number
(replace "A" with "0")

Version

ParSCORE Reports

Answer Key

Prints an answer key for a designated test and test version(s).

Class Response Report

Class Response Report provides a printout of student test responses sorted by student id number. This report is generated for each version of the exam.

Correct student responses are recorded as a hyphen (-). Incorrect responses are alphabetical. A blank indicates an omitted answer. A pound sign (#) indicates multiple marks.

Item Analysis Report

An Item Analysis Report is a statistical report that provides detailed distracter analysis based on raw scores. It statistically calculates the reliability of a question, the difficulty, or effectiveness.

The Item Analysis Report print additional details at the top of the report, including the information described below:

Total Possible Points – the total number of points that can be earned on the test.

Students in this Group – the number of students taking the test; not the number enrolled in class.

Standard Deviation – a measure of variability; computed by determining the square root of the variance.

Measure of Skewness – the degree of asymmetry of the distribution around its mean.

Positive skewness means that the scores trail off in the direction of higher scores.

Negative skewness means that the scores trail off in the direction of lower scores.

Reliability Coefficient – the consistency of the test items.

Roster Report

A Roster Report provides a printout of the students' marks. You can customize Roster Report to include or exclude information, and sort information to meet your reporting requirements. You can choose to print the Roster Report with raw score of percentage and sorted by student id or last name.

Score Distribution Report

Score Distribution Report provides an analysis of how student scores are distributed for the current test.

The Percentile Report is the percentage of test scores that are less than the score listed.

To view the information graphically as a series of bars, use the Histogram Report option. Scores are converted to a percentage (horizontal axis) and the frequency (number of students) is plotted on the vertical axis. This graph provides an easy to understand visual of student standing relative to other students taking the test.

Student Profile Report

Student Profile Report prints the customized columns from the Roster. It is used for those instructors that have more than one set in an exam and wish to have the results sorted by set.

Student Test Report

Student Test Report illustrates a student's performance on the current test.

Standard Test Report – the report includes details about the student's answers and score.

Basic Test Report – the report show the student scores only.

Sample Reports

The following are samples of the reports that are available to instructors.

QUIZ

Answer Key Report On Quiz 1 Version A

Course #: DUNN-ECON2100

Instructor: JAMES DUNN

Course Title: QUIZ

Description

Day/Time: 09/06

Term/Year: 2013

Total no.of items: 10

Subjective Score: 0

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

Class Response Report On Quiz1 Version A

Term/Year: 2013

Response Description

Test Items:		1-5	6-10						
Test Key.		C, B, C, D, A	E, D, D, E, B	#, #, #, #, #	#, #, #, #, #	#, #, #, #, #	#, #, #, #, #	#, #, #, #, #	#, #, #, #, #

No.	Student ID	Student Name	Exam
1	000710864	WONG, JOHN	0
2	000753514	DAVIES, COLIN	0
3	000781930	JOHNSON, ERIC	0
4	000857641	WILKS, JENNIFER	0

QUIZ

Standard Item Analysis Report On Quiz1 Version A

Course #: DUNN-ECON2100

Instructor: JAMES DUNN

Course Title: QUIZ

Description

Day/Time: 09/06

Term/Year: 2013

Total Possible Points:	10.00	Median Score:	8.00	Highest Score:	10.00
Standard Deviation:	1.30	Mean Score:	8.25	Lowest Score:	7.00
Student in this group:	4	Reliability Coefficient (KR20): 0.46			
Student Records Based On: All Students					

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	75.00%	100.00%	100.00%	0.56	C	0	0	*3	1	0						ABE
2	75.00%	100.00%	0.00%	0.56	B	0	*3	1	0	0						ADE
3	75.00%	100.00%	100.00%	-0.33	C	0	0	*3	1	0						ABE
4	75.00%	100.00%	0.00%	0.56	D	1	0	0	*3	0						BCE
5	75.00%	100.00%	0.00%	0.56	A	*3	0	0	1	0						BCE
6	75.00%	100.00%	100.00%	0.56	E	1	0	0	0	*3						BCD
7	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4	0						ABCE
8	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4	0						ABCE
9	75.00%	100.00%	100.00%	0.56	E	0	1	0	0	*3						ACD
10	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0	0						ACDE

QUIZ

Detailed Item Analysis Report On Quiz1 Version A

Course #: DUNN-ECON2100

Instructor: JAMES DUNN

Course Title: QUIZ

Description

Day/Time: 09/06

Term/Year: 2013

Total Possible Points:	10.00	Median Score:	8.00	Mean Score:	8.25
Standard Deviation:	1.30	Mode Score:	7.00	Variance:	1.69
Measure of Skewness:	0.22	Highest Score:	10.00	Lowest Score:	7.00
Student in this group:	4	Degree of Kurtosis:	-1.72	Reliability Coefficient (KR20):	0.46
Student Records Based On: All Students					

Item 1

Answer: C

Correct Responses:

Total Group: 75.00%

Point Biserial: 0.56

Upper 27% of Group: 100.00%

Lower 27% of Group: 100.00%

Distractor Analysis - *indicates correct answer:

	A	B	*C	D	E
Pt-Biser:	0.00	0.00	0.56	-0.56	0.00
Frequency %:	0.00	0.00	75.00	25.00	0.00

Item 2

Answer: B

Correct Responses:

Total Group: 75.00%

Point Biserial: 0.56

Upper 27% of Group: 100.00%

Lower 27% of Group: 0.00%

Distractor Analysis - *indicates correct answer:

	A	*B	C	D	E
Pt-Biser:	0.00	0.56	-0.56	0.00	0.00
Frequency %:	0.00	75.00	25.00	0.00	0.00

Item 3

Answer: C

Correct Responses:

Total Group: 75.00%

Point Biserial: -0.33

Upper 27% of Group: 100.00%

Lower 27% of Group: 100.00%

Distractor Analysis - *indicates correct answer:

	A	B	*C	D	E
Pt-Biser:	0.00	0.00	-0.33	0.33	0.00
Frequency %:	0.00	0.00	75.00	25.00	0.00

Item 4

Answer: D

Correct Responses:

Total Group: 75.00%

Point Biserial: 0.56

Upper 27% of Group: 100.00%

Lower 27% of Group: 0.00%

Distractor Analysis - *indicates correct answer:

	A	B	C	*D	E
Pt-Biser:	-0.56	0.00	0.00	0.56	0.00
Frequency %:	25.00	0.00	0.00	75.00	0.00

Item 5

Answer: A

Correct Responses:

Total Group: 75.00%

Point Biserial: 0.56

Upper 27% of Group: 100.00%

Lower 27% of Group: 0.00%

Distractor Analysis - *indicates correct answer:

	*A	B	C	D	E
Pt-Biser:	0.56	0.00	0.00	-0.56	0.00
Frequency %:	75.00	0.00	0.00	25.00	0.00

QUIZ

Detailed Item Analysis Report On Quiz1 Version A

Course #: DUNN-ECON2100

Instructor: JAMES DUNN

Course Title: QUIZ

Description

Day/Time: 09/06

Term/Year: 2013

Total Possible Points:	10.00	Median Score:	8.00	Mean Score:	8.25
Standard Deviation:	1.30	Mode Score:	7.00	Variance:	1.69
Measure of Skewness:	0.22	Highest Score:	10.00	Lowest Score:	7.00
Student in this group:	4	Degree of Kurtosis:	-1.72	Reliability Coefficient (KR20):	0.46
Student Records Based On: All Students					

Item 6

Answer:	E	Correct Responses:	Total Group:	75.00%
Point Biserial:	0.56		Upper 27% of Group:	100.00%
			Lower 27% of Group:	100.00%

Distractor Analysis - *indicates correct answer:

	A	B	C	D	*E
Pt-Biser:	-0.56	0.00	0.00	0.00	0.56
Frequency %:	25.00	0.00	0.00	0.00	75.00

Item 7

Answer:	D	Correct Responses:	Total Group:	100.00%
Point Biserial:	0.00		Upper 27% of Group:	100.00%
			Lower 27% of Group:	100.00%

Distractor Analysis - *indicates correct answer:

	A	B	C	*D	E
Pt-Biser:	0.00	0.00	0.00	0.00	0.00
Frequency %:	0.00	0.00	0.00	100.00	0.00

Item 8

Answer:	D	Correct Responses:	Total Group:	100.00%
Point Biserial:	0.00		Upper 27% of Group:	100.00%
			Lower 27% of Group:	100.00%

Distractor Analysis - *indicates correct answer:

	A	B	C	*D	E
Pt-Biser:	0.00	0.00	0.00	0.00	0.00
Frequency %:	0.00	0.00	0.00	100.00	0.00

Item 9

Answer:	E	Correct Responses:	Total Group:	75.00%
Point Biserial:	0.56		Upper 27% of Group:	100.00%
			Lower 27% of Group:	100.00%

Distractor Analysis - *indicates correct answer:

	A	B	C	D	*E
Pt-Biser:	0.00	-0.56	0.00	0.00	0.56
Frequency %:	0.00	25.00	0.00	0.00	75.00

Item 10

Answer:	B	Correct Responses:	Total Group:	100.00%
Point Biserial:	0.00		Upper 27% of Group:	100.00%
			Lower 27% of Group:	100.00%

Distractor Analysis - *indicates correct answer:

	A	*B	C	D	E
Pt-Biser:	0.00	0.00	0.00	0.00	0.00
Frequency %:	0.00	100.00	0.00	0.00	0.00

QUIZ
Roster Report On Selected Categories

Course #:	DUNN-ECON2100	Instructor:	JAMES DUNN
Course Title:	QUIZ	Description	
Day/Time:	09/06	Term/Year:	2013

Records Based On: All Students

Score Type:	Raw	Quiz1
	Possible Points:	10
	Average:	N/A

No.	Student ID	Name	Code						
1	000753514	DAVIES, COLIN		10					
2	000781930	JOHNSON, ERIC		9					
3	000857641	WILKS, JENNIFER		7					
4	000710864	WONG, JOHN		7					

QUIZ

Score Distribution Histogram Report On Quiz1

Course #: DUNN-ECON2100

Instructor: JAMES DUNN

Course Title: QUIZ

Description

Day/Time: 09/06

Term/Year: 2013

No. of students in this group: 4

Student group from: All Students

Total Possible Points: 10.00

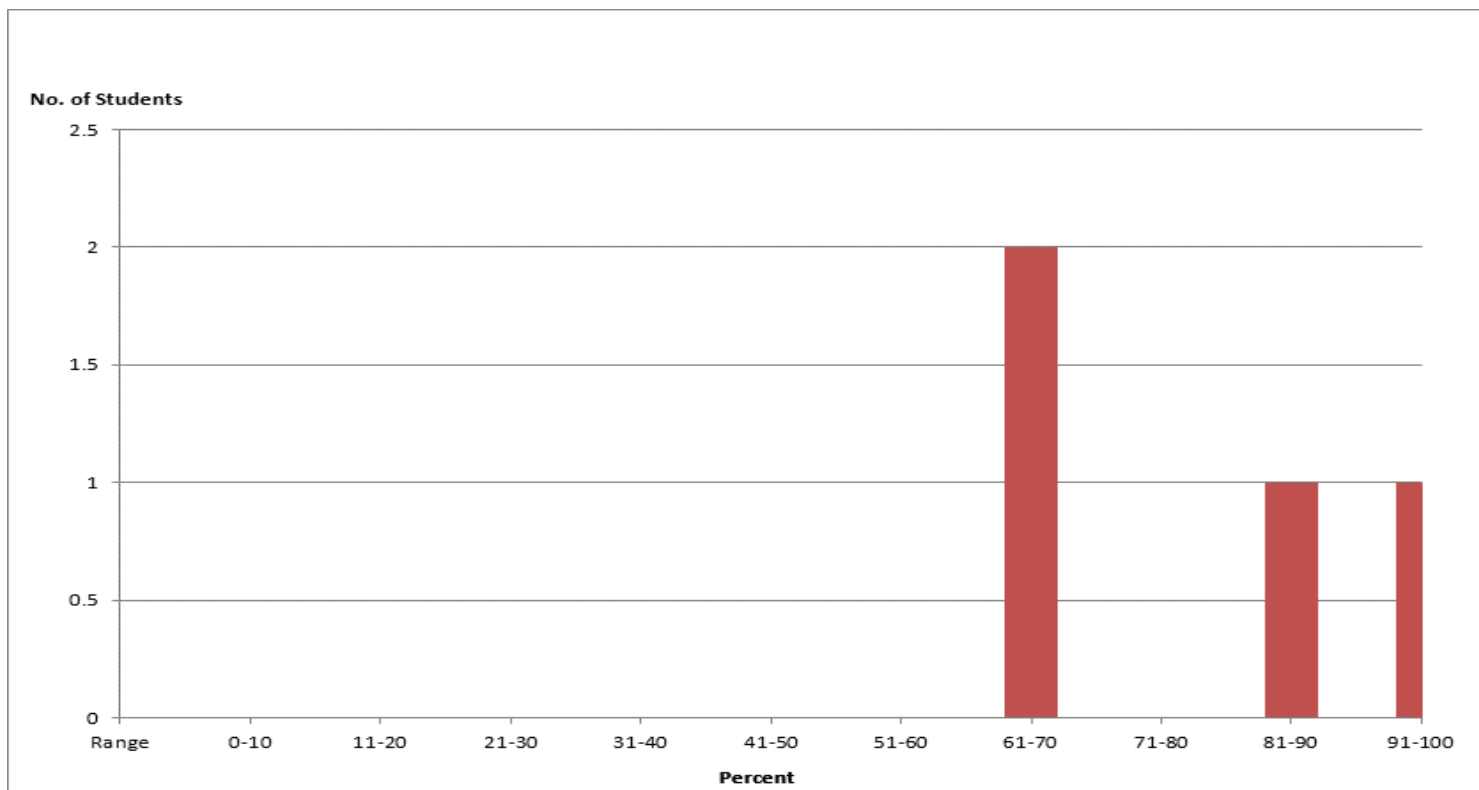
Highest Score: 10.00

Mean Score: 8.25

Standard Deviation: 1.30

Lowest Score: 7.00

Median Score: 8.00



QUIZ

Score Distribution Percentile Report On Quiz1

Course #: DUNN-ECON2100

Instructor: JAMES DUNN

Course Title: QUIZ

Description

Day/Time: 09/06

Term/Year: 2013

Student group from: All Students

No. of students in this group: 4

Mean Score: 8.25

Highest Score: 10.00

Total Possible Points: 10.00

Median Score: 8.00

Lowest Score: 7.00

Standard Deviation: 1.30

Raw Score	Percent Correct	Number of Students	Percent of Class	Cummulative Percent	Percentile
10.00	100.00	1	25.00	25.00	87.50
9.00	90.00	1	25.00	50.00	62.50
7.00	70.00	2	50.00	100.00	25.00

QUIZ

Student Profile Report With Selected Categories

Course #:	DUNN-ECON2100	Instructor:	JAMES DUNN
Course Title:	QUIZ	Description	
Day/Time:	09/06	Term/Year:	2013

Score Type: Raw

		Quiz1									
No.	Student ID	Name	Set	10.00							
1	000753514	DAVIES, COLIN	A								
2	000781930	JOHNSON, ERIC	A								
3	000857641	WILKS, JENNIFER	B								
4	000710864	WONG, JOHN	B								

QUIZ
Student Test Report On Quiz1 A

Course #: DUNN-ECON2100
Course Title: QUIZ
Day/Time: 09/06

Instructor: JAMES DUNN
Description:
Term/Year: 2013

Student Name: DAVIES, COLIN
Student ID: 000753514 **Code:**

	Possible Pts.	Raw	Objective	Exam#/Essay	Percent
Quiz1	10.00	10.00	10.00		100.00%

Remarks:

QUIZ
Student Test Report On Quiz1 A

Course #: DUNN-ECON2100
Course Title: QUIZ
Day/Time: 09/06

Instructor: JAMES DUNN
Description:
Term/Year: 2013

Student Name: DAVIES, COLIN
Student ID: 000753514

Code:

	Possible Pts.	Raw	Objective	Exam#/Essay	Percent
Quiz1	10.00	10.00	10.00		100.00%

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

Test Items:	1-5	6-10								
Test Key.	C, B, C, D, A	E, D, D, E, B								
Answers	-,-,-,-,-	-,-,-,-,-								

Remarks: