

Cyber Education
Grade Distribution Comparison Between
Cyber Students and On-Campus Students

During the Fall 2003 and Spring 2004 semesters, Southside Virginia Community College offered cyber classes. One way of measuring the success rate of the students is to look at final grades. The tables below summarize the grade distribution comparison between cyber and on-campus students by semesters. Tables one through eighteen summarize the Fall, 2003 semester, tables nineteen through thirty-eight summarize the Spring, 2004 semester. For this study, all sections of the same course, with the exception of Governor’s School sections, were collapsed together for comparison purposes. There were several cyber courses offered that did not have a comparable on-campus class that were not included in this study.

Fall, 2003

**Table 1: ADJ 105 Juvenile Justice System
Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	3	5	5	0	5	0	0	18
On-Campus	12	10	3	0	1	0	1	27

From the table, the success rate (grades A,B or C) was 72% for cyber and 93% for on-campus students. The remaining students earned grades of F or W.

**Table 2: BUS 201 Organizational Behavior
Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	2	5	1	1	3	0	4	16
On-Campus	4	2	2	0	0	0	0	8

From the table, the success rate (grades of A, B or C) was 50% for cyber students and 100% for on-campus students. The remaining students earned grades of D, F or W.

**Table 3: ENG 111 College Comp I
Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	5	7	1	2	31	0	24	70
On-Campus	41	49	50	24	38	0	32	234

From the table, the success rate (grades A, B or C) was 18% for cyber students and 60% for on-campus students. The remaining students earned grades of D, F or W.

**Table 4: ENG 112 College Comp II
Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	13	9	8	0	14	0	11	55
On-Campus	17	13	12	2	5	0	11	60

From the table, the success rate (grades of A, B or C) was 55% for cyber students and 70% for on-campus students. The remaining students earned grades of D, F. or W.

**Table 5: ENG 137 Comm Processes I
Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	1	1	1	0	2	0	2	7
On-Campus	5	13	10	4	2	0	6	40

From the table, the success rate (grades of A, B or C) was 43% for cyber students and 70% for on-campus students. The remaining students earned grades of D, F or W.

**Table 6: ENG 241 Survey of American Lit I
Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	1	7	1	0	3	0	18	30
On-Campus	20	18	7	2	1	0	1	49

From the table, the success rate (grades of A, B or C) was 30% for cyber students and 92% for on-campus students. The remaining student earned a grade of D, F or W.

**Table 7: ENG 251 Survey of World Lit I
Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	5	0	1	0	3	0	5	14
On-Campus	2	5	2	0	0	0	3	12

From the table, the success rate (grades of A, B or C) was 43% for cyber students and 75% for on-campus students. The remaining students earned grades of F or W.

**Table 8: HLT 121 Int to Drug Use and Abuse
Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	6	11	4	2	9	0	4	36
On-Campus	14	4	2	2	1	0	2	25

From the table, the success rate (grades of A, B or C) was 58% for cyber students and 80% for on-campus students. The remaining students earned grades of D, F or W.

**Table 9: HMS 100 Intro to Human Services
Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	11	14	10	3	0	0	8	46
On-Campus	21	2	6	5	7	0	1	42

From the table, the success rate (grades of A, B or C) was 76% for cyber students and 69% for on-campus students. The remaining students earned grades of D, F or W.

**Table 10: IST 117 Intro to Micro Software
Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	19	6	2	2	12	0	18	59
On-Campus	90	85	42	20	39	0	43	319

From the table, the success rate (grades of A, B, C) was 46% for cyber students and 68% for on-campus students. The remaining students earned grades of D, F or W.

**Table 11: MTH 241 Statistics I
Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	22	4	6	0	12	0	5	49
On-Campus	0	3	1	1	1	0	3	9

From the table, the success rate (grades of A, B or C) was 65% for cyber and 44% for on-campus students. The remaining students earned grades of D, F or W.

Table 12: MUS 121 Music Appreciation

**Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	16	3	2	0	1	0	4	26
On-Campus	36	7	1	0	5	0	2	51

From the table, the success rate (grade of A, B or C) was 81% for cyber students and 86% for on-campus students. The remaining students earned grades of F or W.

**Table 13: PHI 100 Intro to Philosophy
Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	25	9	1	1	6	0	6	48
On-Campus	3	4	3	0	0	0	0	10

From the table, the success rate (grade of A, B or C) was 73% for cyber students and 100% for on-campus students. The remaining students earned grades of D, F or W.

**Table 14: PSY 200 Principles of Psychology
Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	4	11	19	3	14	0	13	64
On-Campus	3	10	13	6	7	0	6	45

From the table, the success rate (grades of A, B or C) was 53% for cyber students and 58% for on-campus students. The remaining students earned grades of D, F or W.

**Table 15: PSY 238 Dev. Psychology
Grade Distribution Comparison**

**Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	15	24	17	7	7	0	12	82
On-Campus	9	12	22	11	13	0	6	73

From the table, the success rate (grades of A, B or C) was 68% for cyber students and 59% for on-campus students. The remaining students earned grades of D, F or W.

**Table 16: SOC 200 Principles of Sociology
Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	19	25	12	6	6	0	7	75
On-Campus	16	13	16	7	11	0	7	70

From the table, the success rate (grades of A, B or C) was 75% for cyber students and 64% for on-campus students. The remaining students earned grades of D, F or W.

**Table 17: SPD 110 Intro to Speech Communication
Grade Distribution Comparison
Between Cyber and On-Campus Students
Fall 2003**

Students	A	B	C	D	F	I	W	Total
Cyber	2	10	1	1	0	0	6	20
On-Campus	10	7	2	0	0	0	0	19

From the table, the success rate (grades of A,B or C) was 65% cyber students and 100% for on-campus students. The remaining students earned grade of D or W.

**Table 18: STD 100 Student Orientation
Grade Distribution Comparison
Between Cyber and On-Campus Students**

Fall 2003

Students	A	B	C	D	F	I	W	Total
Cyber	48	7	0	0	0	0	8	63
On-Campus	217	18	13	9	27	0	24	308

From the table, the success rate (grades of A, B or C) was 87% for cyber students and 81% for on-campus students. The remaining students earned grades of D, F, or W.

Spring, 2004

Table 19: ADJ 225 Courts and the Adm of Justice

**Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	11	5	1	0	5	0	6	28
On-Campus	9	8	10	0	2	0	0	29

From the table, the success rate (grades of A, B or C) was 61% for cyber students and 93% for on-campus students. The remaining students earned grades of F or W.

**Table 20: ADJ 227 Const Law and Justice Personnel
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	11	2	0	2	1	0	3	19
On-Campus	2	1	2	0	2	0	0	7

From the table, the success rate (grades of A, B or C) was 68% for cyber students and 71% for on-campus students. The remaining students earned grades of D, F or W.

**Table 21: BUS 236 Communication in Management
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	13	7	0	1	4	0	5	30
On-Campus	9	3	2	0	0	0	0	14

From the table, the success rate (grades of A, B or C) was 67% for cyber students and 100% for on-campus students. The remaining students earned grades of D, F or W.

**Table 22: ENG 03 Preparing for College Writing II
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students				S	R	U	W	Total
Cyber				9	8	7	5	29
On-Campus				39	17	18	23	97

From the table, the success rate (grade of S) was 31% for cyber students and 40% for on-campus students. The remaining students earned grades of R, U or W.

**Table 23: ENG 111 College Comp I
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	4	6	4	1	23	0	23	61
On-Campus	27	29	29	5	33	0	22	145

From the table, the success rate (grades of A, B or C) was 23% for cyber students and 59% for on-campus students. The remaining students earned grades of D, F or W.

**Table 24: ENG 112 College Comp II
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	8	12	7	0	20	0	16	63
On-Campus	34	42	31	12	20	0	16	155

From the table, the success rate (grades of A, B or C) was 43% for cyber students and 69% for on-campus students. The remaining students earned grades of D, F or W.

**Table 25: ENG 137 Communication Processes I
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	1	1	1	0	0	0	5	8
On-Campus	9	16	11	3	6	0	6	51

From the table, the success rate (grades of A, B, C) was 38% for cyber students and 71% for on-campus students, the remaining students earned grades of D, F, or W.

**Table 26: ENG 242 Survey of American Lit II
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	1	2	2	1	1	0	5	12
On-Campus	21	18	5	0	6	0	1	51

From the table, the success rate (grades of A, B or C) was 42% for cyber students and 86% for on-campus students. The remaining students earned grades of D, F, or W.

**Table 27: ENG 252 Survey of World Lit II
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

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Students	A	B	C	D	F	I	W	Total
Cyber	6	0	1	2	1	0	2	12
On-Campus	1	2	3	0	0	0	4	10

From the table, the success rate (grades of A, B or C) was 58% for cyber students and 60% for on-campus students. The remaining students received grades of D, F or W.

**Table 28: HLT 121 Intro to Drug Use and Abuse
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	10	6	3	2	12	0	3	36
On-Campus	10	9	6	1	13	0	7	46

From the table, the success rate (grades of A, B or C) was 53% for cyber students and 54% for on-campus students. The remaining students earned grades of D, F or W.

**Table 29: IST 117 Intro to Mico Software
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	13	10	4	2	4	0	22	55
On-Campus	33	56	29	15	42	0	45	220

From the table, the success rate (grades of A, B or C) was 49% for cyber students and 54% for on-campus students. The remaining students earned grades of D, F or W.

**Table 30: MUS 122 Music Appreciation II
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

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Students	A	B	C	D	F	I	W	Total
Cyber	24	6	0	0	2	0	1	33
On-Campus	37	10	1	0	8	0	3	59

From the table, the success rate (grades of A, B or C) was 91% for cyber students and 81% for on-campus students. The remaining students earned grades of F, or W.

**Table 31: NAS 125 Meteorology
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	3	2	2	0	0	0	0	7
On-Campus	1	1	4	1	2	0	2	11

From the table, the success rate (grades of A, B or C) was 100% for cyber students and 55% for on-campus students. The remaining students earned grades of D, F or W.

**Table 32: PSY 200 Principles of Psychology
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	7	20	16	3	18	0	9	73
On-Campus	4	3	11	7	6	0	7	38

From the table, the success rate (grades of A, B or C) was 59% for cyber students and 47% for on-campus students. The remaining students earned grades of D, F or W.

**Table 33: PSY 230 Developmental Psychology
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

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Students	A	B	C	D	F	I	W	Total
Cyber	3	30	24	5	19	0	21	102
On-Campus	5	5	7	0	1	0	5	23

From the table, the success rate (grades of A, B or C) was 56% for cyber students and 74% for on-campus students. The remaining students earned grades of D,F or W.

**Table 34: REL 216 Life and Teachings of Jesus
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	17	4	6	1	2	0	15	45
On-Campus	7	0	0	1	1	0	0	9

From the table, the success rate (grades of A, B or C) was 60% for cyber students and 78% for on-campus students. The remaining students earned grades of D, F or W.

**Table 35: SOC 200 Principles of Sociology
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	22	19	21	8	13	0	19	102
On-Campus	7	19	6	13	8	0	4	57

From the table, the success rate (grades of A, B or C) was 61% for cyber students and 56% for on-campus students. The remaining students earned grades of D, F or W.

**Table 36: SOC 236 Criminology
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

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Students	A	B	C	D	F	I	W	Total
Cyber	0	5	4	1	1	0	0	11
On-Campus	2	5	4	0	0	0	0	11

From the table, the success rate (grades of A, B or C) was 82% for cyber students and 100% for on-campus students. The remaining students earned grades of D, F or W.

**Table 37: SPD 110 Intro Speech Communication
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	2	8	4	2	1	0	4	21
On-Campus	19	6	4	0	2	0	6	37

From the table, the success rate (grades of A, B or C) was 67% for cyber students and 78% for on-campus students. The remaining students earned grades of D, F or W.

**Table 38: STD 100 Student Orientation
Grade Distribution Comparison
Between Cyber and On-Campus Students
Spring 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	25	5	6	0	5	0	1	42
On-Campus	85	12	4	4	39	0	14	158

From the table, the success rate (grades of A, B or C) was 86% for cyber students and 64% for on-campus students. The remaining students earned grades of D, F or W.

It appears that cyber students withdrew from classes at a higher rate (20%) than on-campus students (11%). On a satisfactory grade level (grades of A,B,C or S), cyber students performed somewhat lower (58%) than on-campus students (68%). On an unsatisfactory grade level (grades of D, F, U, R) cyber students and on-campus students had the same rate (21%).

