

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

During the Fall 2004 and Spring 2005 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 twenty summarize the Fall, 2004 semester, tables twenty-one through forty-two summarize the Spring, 2005 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, 2004**

**Table 1: 105 Juvenile Justice System  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Fall 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	13	4	1	1	1	0	0	20
On-Campus	4	5	2	0	1	0	0	12

From the table, the success rate (grades A,B or C) was 90% for cyber and 92% for on-campus students. The remaining students earned grades of D or F.

**Table 2: ECO 201 Principles of Econ I  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Fall 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	9	10	2	2	2	0	4	29
On-Campus	24	15	15	0	2	0	6	62

From the table, the success rate (grades of A, B or C) was 72% for cyber students and 87% 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 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	9	6	7	0	12	0	18	52
On-Campus	34	63	41	9	21	0	26	194

From the table, the success rate (grades A, B or C) was 42% for cyber students and 71% 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 2004**

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 Communication Processes I  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Fall 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	0	1	4	3	1	0	5	14
On-Campus	2	1	3	0	0	0	2	8

From the table, the success rate (grades of A, B or C) was 36% for cyber students and 75% 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 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	4	10	1	1	1	0	12	29
On-Campus	27	23	4	2	3	0	3	126

From the table, the success rate (grades of A, B or C) was 52% for cyber students and 43% 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 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	10	3	3	1	6	0	2	25
On-Campus	4	3	4	3	4	0	0	18

From the table, the success rate (grades of A, B or C) was 64% for cyber students and 61% for on-campus students. The remaining students earned grades of D, F or W.

**Table 8: HIS 101 History of Western Civ I  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Fall 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	4	5	6	2	11	0	4	32
On-Campus	11	12	13	0	2	0	4	42

From the table, the success rate (grades of A, B or C) was 47% for cyber students and 86% for on-campus students. The remaining students earned grades of D, F or W.

**Table 9: HLT 121 Intro to Drug Use and Abuse  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Fall 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	3	10	6	1	12	0	1	33
On-Campus	4	7	0	0	4	0	2	17

From the table, the success rate (grades of A, B or C) was 58% for cyber students and 65% for on-campus students. The remaining students earned grades of D, F or W.

**Table 10: HMS 100 Intro to Human Services  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Fall 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	13	5	11	0	0	0	2	31
On-Campus	15	9	1	1	2	0	1	29

From the table, the success rate (grades of A, B, C ) was 94% for cyber students and 86% for on-campus students. The remaining students earned grades of D, F or W.

**Table 11: ITE 115 Intro to Comp Applications and Concepts  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Fall 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	16	5	9	0	12	0	13	55
On-Campus	75	45	36	9	21	0	36	222

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

**Table 12: IST 130 Intro to Internet Services**

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

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

From the table, the success rate (grade of A, B or C) was 69% for cyber students and 75% for on-campus students. The remaining students earned grades of D or W.

**Table 13: IST 140 Spreadsheet Software I  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Fall 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	15	5	1	0	1	0	3	25
On-Campus	6	2	2	1	1	0	0	12

From the table, the success rate (grade of A, B or C) was 84% for cyber students and 83% for on-campus students. The remaining students earned grades of D, F or W.

**Table 14: MUS 121 Music Appreciation  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Fall 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	39	12	0	1	6	0	1	59
On-Campus	21	8	3	0	3	0	4	39

From the table, the success rate (grades of A, B or C) was 86% for cyber students and 82% for on-campus students. The remaining students earned grades of D, F or W.

**Table 15: PSY 200 Principles of Psychology  
Grade Distribution Comparison**

**Between Cyber and On-Campus Students  
Fall 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	7	13	10	4	7	0	4	45
On-Campus	3	10	11	5	6	0	6	41

From the table, the success rate (grades of A, B or C) was 67% for cyber students and 59% for on-campus students. The remaining students earned grades of D, F or W.

**Table 16: PSY 215 Abnormal Psychology  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Fall 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	8	7	3	3	4	0	3	28
On-Campus	3	2	4	1	0	0	0	10

From the table, the success rate (grades of A, B or C) was 64% for cyber students and 90% for on-campus students. The remaining students earned grades of D, F or W.

**Table 17: PSY 230 Developmental Psychology  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Fall 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	19	21	17	6	22	0	5	90
On-Campus	14	9	10	5	4	0	7	49

From the table, the success rate (grades of A,B or C) was 63% cyber students and 67% for on-campus students. The remaining students earned grade of D, F or W.

**Table 18: SOC 200 Principles of Sociology  
Grade Distribution Comparison  
Between Cyber and On-Campus Students**

**Fall 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	23	28	15	11	20	0	2	99
On-Campus	12	9	11	3	14	0	4	53

From the table, the success rate (grades of A, B or C) was 67% for cyber students and 60% for on-campus students. The remaining students earned grades of D, F, or W.

**Table 19: SPD 110 Intro to Speech Communication  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Fall 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	6	8	3	0	3	0	1	21
On-Campus	12	10	2	0	1	0	1	26

From the table, the success rate (grades of A, B or C) was 81% for cyber students and 92% for on-campus students. The remaining students earned grades of F or W.

**Table 20: STD 100 Student Orientation  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Fall 2004**

Students	A	B	C	D	F	I	W	Total
Cyber	33	5	0	0	1	0	5	44
On-Campus	193	34	18	0	29	0	12	286

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

**Spring, 2005**

**Table 21: BUS 280 Intro to International Business  
Grade Distribution Comparison**

**Between Cyber and On-Campus Students  
Spring 2005**

Students	A	B	C	D	F	I	W	Total
Cyber	4	3	1	0	1	0	2	11
On-Campus	3	0	1	0	1	0	3	8

From the table, the success rate (grades of A, B or C) was 73% for cyber students and 50% for on-campus students. The remaining students earned grades of F or W.

**Table 22: ECO 202 Principles of Microeconomics II  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

Students	A	B	C	D	F	I	W	Total
Cyber	7	11	3	3	1	0	3	28
On-Campus	15	16	7	2	7	0	2	49

From the table, the success rate (grade of A, B or C) was 75% for cyber students and 78% for on-campus students. The remaining students earned grades of D, F or W.

**Table 23: ENG 03 Preparing for College Writing II  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

Students				S	R	U	W	Total
Cyber				4	3	9	0	16
On-Campus				46	13	17	6	82

From the table, the success rate (grades of S) was 25% for cyber students and 56% for on-campus students. The remaining students earned grades of R, U W.

**Table 24: ENG 111 College Comp I  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

Students	A	B	C	D	F	I	W	Total
Cyber	5	4	5	1	11	0	20	46
On-Campus	16	27	22	6	25	0	40	136

From the table, the success rate (grades of A, B or C) was 30% for cyber students and 48% for on-campus students. The remaining students earned grades of D, F or W.

**Table 25: ENG 112 College Comp II  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

Students	A	B	C	D	F	I	W	Total
Cyber	6	9	8	4	12	0	9	48
On-Campus	27	4	23	13	19	0	13	137

From the table, the success rate (grades of A, B, C) was 48% for cyber students and 39% for on-campus students, the remaining students earned grades of D, F, or W.

**Table 26: ENG 137 Communication Processes I  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

Students	A	B	C	D	F	I	W	Total
Cyber	0	2	2	0	1	0	9	14
On-Campus	11	12	5	3	2	1	9	43

From the table, the success rate (grades of A, B or C) was 29% for cyber students and 65% for on-campus students. The remaining students earned grades of D, F, I or W.

**Table 27: ENG 138 Communication Processes II  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

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Students	A	B	C	D	F	I	W	Total
Cyber	0	1	1	1	3	0	1	7
On-Campus	8	3	3	0	1	0	1	16

From the table, the success rate (grades of A, B or C) was 29% for cyber students and 88% for on-campus students. The remaining students received grades of D, F or W.

**Table 28: ENG 242 Survey of American Lit II  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

Students	A	B	C	D	F	I	W	Total
Cyber	3	4	4	0	2	0	8	21
On-Campus	31	20	6	2	1	0	0	60

From the table, the success rate (grades of A, B or C) was 52% for cyber students and 95% for on-campus students. The remaining students earned grades of D, F or W.

**Table 29: ENG 252 Survey of World Literature II  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

Students	A	B	C	D	F	I	W	Total
Cyber	10	6	5	2	4	0	2	29
On-Campus	3	3	6	1	0	0	1	14

From the table, the success rate (grades of A, B or C) was 72% for cyber students and 86% for on-campus students. The remaining students earned grades of D, F or W.

**Table 30: HIS 102 Hist of Western Civilization II  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

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Students	A	B	C	D	F	I	W	Total
Cyber	4	5	7	6	6	0	2	30
On-Campus	12	4	8	4	3	0	4	35

From the table, the success rate (grades of A, B or C) was 53% for cyber students and 69% for on-campus students. The remaining students earned grades of D, F, or W.

**Table 31: HMS 100 Intro to Human Services  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

Students	A	B	C	D	F	I	W	Total
Cyber	7	14	7	0	3	0	0	31
On-Campus	3	3	6	2	6	0	3	23

From the table, the success rate (grades of A, B or C) was 90% for cyber students and 52% for on-campus students. The remaining students earned grades of D, F or W.

**Table 32: HMS 220 Addiction and Prevention  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

Students	A	B	C	D	F	I	W	Total
Cyber	15	13	3	2	4	0	2	39
On-Campus	5	2	0	0	0	0	0	7

From the table, the success rate (grades of A, B or C) was 79% for cyber students and 100% for on-campus students. The remaining students earned grades of D, F or W.

**Table 33: ITE 100 Intro to Information Systems  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

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

From the table, the success rate (grades of A, B or C) was 86% for cyber students and 80% for on-campus students. The remaining students earned grade of F.

**Table 34: ITE 115 Basic Computer Literacy  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

Students	A	B	C	D	F	I	W	Total
Cyber	15	5	2	2	11	0	24	59
On-Campus	55	43	19	14	22	0	36	189

From the table, the success rate (grades of A, B or C) was 37% for cyber students and 62% for on-campus students. The remaining students earned grades of D, F or W.

**Table 35: MUS 122 Music Appreciation  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

Students	A	B	C	D	F	I	W	Total
Cyber	41	10	6	1	8	0	1	67
On-Campus	10	6	10	1	11	0	2	40

From the table, the success rate (grades of A, B or C) was 85% for cyber students and 65% for on-campus students. The remaining students earned grades of D, F or W.

**Table 36: NUR 137 Principles of Pharmacology II  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

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

From the table, the success rate (grades of A, B or C) was 100% for cyber students and 80% for on-campus students. The remaining students earned grade of D.

**Table 37: PSY 200 Principles of Psychology  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

Students	A	B	C	D	F	I	W	Total
Cyber	11	11	10	3	22	0	4	61
On-Campus	7	2	7	8	7	0	4	35

From the table, the success rate (grades of A, B or C) was 52% for cyber students and 45% for on-campus students. The remaining students earned grades of D, F or W.

**Table 38: PSY 230 Developmental Psychology  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

Students	A	B	C	D	F	I	W	Total
Cyber	17	27	23	9	24	1	11	112
On-Campus	1	8	5	0	5	0	5	24

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

**Table 39: SOC 200 Principles of Sociology  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

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Students	A	B	C	D	F	I	W	Total
Cyber	17	25	21	8	20	0	11	102
On-Campus	11	8	17	4	18	0	5	63

From the table, the success rate (grades of A, B or C) was 62% for cyber students and 57% for on-campus students. The remaining students earned grades of D, F or W.

**Table 40: SOC 236 Criminology  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

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

From the table, the success rate (grades of A, B or C) was 71% for cyber students and 92% for on-campus students. The remaining students earned grades of F or W.

**Table 41 SPD 110 Intro to Speech Communication  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

Students	A	B	C	D	F	I	W	Total
Cyber	6	8	1	1	2	0	0	18
On-Campus	16	12	5	3	1	0	6	43

From the table, the success rate (grades of A, B or C) was 83% for cyber students and 77% for on-campus students. The remaining students earned grades of D, F or W.

**Table 42: STD 100 Student Orientation  
Grade Distribution Comparison  
Between Cyber and On-Campus Students  
Spring 2005**

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Students	A	B	C	D	F	I	W	Total
Cyber	18	11	10	2	4	0	0	45
On-Campus	81	18	7	2	15	1	18	142

From the table, the success rate (grades of A, B or C) was 87% for cyber students and 75% for on-campus students. The remaining students earned grades of D, F, I or W.

It appears that cyber students withdrew from classes at a higher rate (14%) than on-campus student (11%). On a satisfactory grade level (grades of A, B, C or S), cyber students performed somewhat lower (62%) than on-campus students (69%). The unsatisfactory grade performance (grades of D, F, R and U) was higher for cyber students (23%) than on-campus students (17%).