



# South Windsor High School

*Home of the Bobcats*

**Principal**  
Frank Rizzuto

**Associate Principals**  
Elizabeth Devaney  
Tera Harlow  
Timothy Zeuschner

**Director of Athletics**  
David Sytulek

**DATE:** October 24, 2023

**TO:** Kate Carter, Superintendent of Schools  
Tracie Peterson, Asst. Superintendent of Curriculum and Instruction

**FROM:** Frank Rizzuto (SWHS Principal) & Benjamin Wry (Director of School Counseling)

**RE:** **2022-2023 AP, External Credit Opportunities and FAFSA Report**

Attached are a series of data tables regarding participation and performance in Advanced Placement (AP) courses, the UCONN Early College Experience (ECE) program, and the partnership programs at Asnuntuck (ACC), Capital Community College (CCC), Manchester Community College (MCC) and Goodwin University (GU) for the 2022-2023 academic year.

South Windsor High School student enrollment in courses with the possibility of college credit continues to grow. In the 2022-2023 school year, 410 students were enrolled in one or more AP classes and took a total of 861 AP exams. 99% of students enrolled in AP classes took the AP exam, and 86% of the tests had a score of 3 or better.

In addition to AP courses and tests, South Windsor High School students also have the opportunity to earn college credit or participate in post-secondary course work through programs such as UCONN ECE and/or Asnuntuck, Capital Community College, Manchester Community College, and/or Goodwin University. Students enrolled in the UCONN ECE and/or Goodwin University program who earned a passing grade, and completed a registration form earned credit for a small fee. In a similar way, students enrolled in our community college based courses earn credits when they apply for credit and maintain a grade of "C" or better. This aspect of our dual enrollment program is free.

Increased participation and improved performance in the AP program and post-secondary credit opportunities continue to be an important focus at South Windsor High School, and we are proud to offer a range of options for students. South Windsor High School's counselors present information to students and families during both the course registration process, and evening programs to share the benefits gained from taking AP courses or participating in other post-secondary eligible course options. School counselors encourage students to consider enrolling in AP courses and/or the partnership programs to gain the experience and rigor of these courses in a setting that is familiar to them. Curriculum leaders also visit classrooms to provide information to students and encourage participation in these types of courses. The information on the following pages represents a brief summary of the external college credit earning opportunities for our students.

The Class of 2023 had 285 FAFSA submissions out of 328 Grade 12 students, accounting for an 87% completion rate.



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## University of Connecticut ECE:

- Students earned credit with a passing grade in the course, along with completing UCONN's enrollment process accordingly. Students may pay a \$50 fee per credit if they would like the credit(s) to appear on a UCONN transcript. The number of credits varies by course. Some of these classes are also Advanced Placement certified.
- 428 enrollments from 185 students in the UCONN ECE program resulted in a total of 1297 credits.
- Courses offered through UCONN ECE program for 2022-2023 included:

UConn Course Name	SWHS Course Name	UConn Credits
AH2001 - Medical Terminology <u>and</u> AH1100-Intro. to Allied Health Professionals	UConn Medical Terminology & Allied Health	3
ECON1201 - Principles of Microeconomics <u>and</u> ECON1202 - Principles of Macroeconomics	AP/UConn Economics	6
ENGL1011 - Seminar in Writing Through Literature	UConn Seminar in Writing Through Literature	4
HIST1400 - Modern Western Traditions	UConn Modern Western Traditions	3
NRE1000E - Environmental Science	UConn Environmental Science	3
PHYS1201Q - General Physics	AP/UConn Physics 1	4
MARN1003 - Introduction to Oceanography with Lab.	UConn Marine Science	4

## Goodwin University

- Students earned credit with a passing grade in the course, along with completing Goodwin's enrollment process accordingly. Students may pay a \$100 fee if they would like the credit(s) to appear on a Goodwin transcript.
- SWHS students participated in the Goodwin University Introduction to Manufacturing class, which SWHS calls: Metal Manufacturing and Design.
- 3 enrollments from 3 students in the Goodwin University program resulted in a total of 9 credits.

## College and Career Pathways:

- Students earned credit with a passing grade in the course with a "C" or above, along with completing the community college's enrollment process accordingly.
- Currently, the program is free for students.

### ACC Course: Child Care

- 16 enrollments from 16 students in the ACC CCP program for a total of 48 credits.

### CCC Course: Mobile Computer Science Principles

- 56 enrollments from 56 students in the CCC CCP program for a total of 168 credits.

### MCC Courses: Personal Finance and Accounting II

- 55 enrollments from 53 students in the MCC CCP program for a total of 165 credits.

# REPORT OVERVIEW

SWHS AP REPORT SUMMARY							
	Total # of Students Enrolled in One or More AP Classes	Total # of AP Classes Taken	Total # of Exams Taken	% of Students Taking AP Exams	# of Students Scoring 3 or Higher*	Graduating Class Summary**	% of Tests with a Score of 3 or Higher
<b>2023</b>	410	800	861	99%	352	49.0%	86%
<b>2022</b>	377	816	823	99%	323	50.3%	83%
<b>2021</b>	384	738	743	99%	292	46.6%	75%
<b>2020</b>	347	649	688	97%	313	48.6%	86%

\* # of AP students per grade who scored 3 or higher on at least one AP exam this year divided by total # of students in each group

\*\* Percentage of SWHS seniors who scored 3 or higher on at least one AP Exam at any point during high school divided by the total number of seniors

AP Scholar Comparison						
	AP Scholars*		AP Scholars with Honors**		AP Scholars with Distinction***	
Year	#	Av. Score	#	Av. Score	#	Av. Score
<b>2023</b>	47	3.13	47	3.85	77	4.41
<b>2022</b>	67	3.28	27	3.96	67	4.40
<b>2021</b>	49	3.78	30	3.80	59	4.28
<b>2020</b>	48	3.69	34	3.75	62	4.25

\* 3 or higher on 3 or more AP exams (minimum of 3 exams)

\*\* 3.25 on all AP exams taken, with 3 or higher on 4 or more of these exams (minimum of 4 exams taken)

\*\*\* 3.5 on all AP exams taken, with 3 or higher on 5 or more of these exams (minimum of 5 exams taken)

# 2021 - 2023 AP COMPARISON

	Year	5	4	3	2	1	Total Exams	SWHS Mean Score	State Mean Score	Total # below 3	% below 3	Total # 3 or better	% 3 or better
<b>ENGLISH</b>													
English Language & Composition	2023	16	25	15	7	0	63	3.79	3.12	7	11%	56	89%
	2022	20	17	14	6	4	61	3.70	3.16	10	16%	51	84%
	2021	14	18	9	3	0	44	3.98	3.25	3	7%	41	93%
<b>SOCIAL STUDIES</b>													
Macroeconomics	2023	12	20	28	17	1	78	3.32	3.56	18	23%	60	77%
	2022	17	21	20	11	15	84	3.17	3.36	26	31%	58	69%
	2021	16	25	15	18	20	94	2.99	3.38	38	40%	56	60%
Microeconomics	2023	13	24	25	15	1	78	3.42	3.65	16	21%	62	79%
	2022	21	21	22	11	10	85	3.38	3.46	21	25%	64	75%
	2021	5	28	20	16	24	93	2.72	3.45	40	43%	53	57%
Psychology	2023	25	19	11	3	2	60	4.03	2.90	5	8%	55	92%
	2022	37	34	10	8	3	92	4.02	2.87	11	12%	81	88%
	2021	36	19	10	12	9	86	3.71	2.78	21	24%	65	76%
US Government & Politics	2023	38	19	29	16	5	107	3.64	2.85	21	20%	86	80%
	2022	35	22	30	14	5	106	3.64	2.83	19	18%	87	82%
	2021	20	19	32	21	8	100	3.22	2.79	29	29%	71	71%
US History	2023	12	12	15	6	1	46	3.61	2.90	7	15%	39	85%
	2022	16	8	10	5	4	43	3.63	2.92	9	21%	34	79%
	2021	16	12	15	11	5	59	3.39	2.92	16	27%	43	73%
<b>MATH</b>													
Calculus AB	2023	9	8	1	0	1	19	4.26	3.06	1	5%	18	95%
	2022	12	6	4	2	0	24	4.17	2.99	2	8%	22	92%
	2021	13	8	5	1	0	27	4.22	2.95	1	4%	26	96%
Calculus BC	2023	13	10	4	4	0	31	4.03	3.79	4	13%	27	87%
	2022	9	5	5	1	1	21	3.95	3.85	2	10%	19	90%
	2021	9	2	0	0	0	11	4.82	3.73	0	0%	11	100%
Statistics	2023	24	12	8	1	1	46	4.24	2.94	2	4%	44	96%
	2022	26	23	14	3	1	67	4.04	3.01	4	6%	63	94%
	2021	11	10	10	2	2	35	3.74	2.88	4	12%	31	88%
Computer Science A	2023	13	13	16	6	2	50	3.58	3.48	8	16%	42	84%
	2022	14	14	9	2	4	43	3.74	3.36	6	14%	37	86%
	2021	12	10	5	6	5	38	3.47	3.32	11	29%	27	71%
Computer Science Principles	2023	9	11	20	10	2	52	3.29	3.21	12	23%	40	77%
	2022	14	21	15	4	1	55	3.78	3.20	5	9%	50	91%
	2021	14	19	21	2	3	59	3.66	3.17	5	8%	54	92%
<b>SCIENCE</b>													
Biology	2023	21	20	7	5	0	53	4.08	3.37	5	9%	48	91%
	2022	9	7	6	3	0	25	3.88	3.50	3	12%	22	88%
	2021	9	13	7	5	1	35	3.69	3.13	6	17%	29	83%
Chemistry	2023	18	15	1	0	0	34	4.50	3.56	0	0%	34	100%

	2022	14	6	3	0	1	24	4.33	2.96	1	4%	23	96%
	2021	9	5	5	0	1	20	4.05	2.90	1	5%	19	95%
Physics 1	2023	3	5	8	10	4	30	3.23	2.81	8	27%	22	73%
	2022	1	6	7	5	2	21	2.95	2.76	7	33%	14	67%
Physics C – Electricity & Magnetism	2021	2	3	7	5	0	17	3.12	2.69	5	29%	12	71%
	2023	3	1	2	2	2	10	3.10	3.62	4	40%	6	60%
Physics C – Electricity & Magnetism	2022	2	0	1	5	1	9	2.67	3.49	6	67%	3	33%
	2021	1	1	1	1	0	4	3.50	3.70	1	25%	3	75%
Physics C - Mechanics	2023	14	8	4	2	2	30	4.00	3.63	4	13%	26	87%
	2022	5	7	2	2	0	16	3.94	3.69	2	12%	14	88%
	2021	3	1	1	0	1	6	3.83	3.64	1	17%	5	83%
<b>WORLD LANGUAGES</b>													
French Language & Culture	2023	2	2	9	8	4	25	2.60	3.04	12	48%	13	52%
	2022	0	2	11	4	4	21	2.52	3.19	8	38%	13	62%
	2021	2	0	6	4	0	12	3.00	3.19	4	33%	8	67%
Spanish Language & Culture	2023	7	11	16	8	0	42	3.40	3.60	8	19%	34	81%
	2022	2	6	6	2	0	16	3.50	3.57	2	12%	14	88%
	2021	1	3	1	1	0	6	3.67	3.51	1	17%	5	83%

<b>NUMBER OF STUDENTS ENROLLED IN AP COURSES</b>				
<b>AP SUBJECT</b>	<b>Projected 2023-2024</b>	<b>2022-2023</b>	<b>2021-2022</b>	<b>2020-2021</b>
<b>Macroeconomics</b>	70	79	85	94
<b>Microeconomics</b>	70	79	85	94
<b>English Lang &amp; Comp</b>	124	63	61	45
<b>Psychology</b>	142	60	92	98
<b>US Gov &amp; Politics</b>	172	107	107	94
<b>US History</b>	48	46	44	61
<b>Calculus</b>	50	47	44	38
<b>Mobile CSP</b>	68	52	58	62
<b>Statistics</b>	77	46	67	46
<b>Biology</b>	75	53	24	34
<b>Chemistry</b>	36	34	24	77
<b>Physics 1</b>	16	30	21	24
<b>Physics C</b>	33	30	17	6
<b>French Lang &amp; Culture</b>	15	25	21	12
<b>Spanish Lang &amp; Culture</b>	52	42	16	6
<b>Computer Science</b>	48	52	42	38

**MALE/FEMALE ENROLLMENT IN AP COURSES**

AP SUBJECT	Projected 2023-2024		2022-2023		2021-2022		2020-2021	
	Male	Female	Male	Female	Male	Female	Male	Female
Macroeconomics	49	21	51	28	64	21	52	42
Microeconomics	49	21	51	28	64	21	52	42
English Lang & Comp	57	67	32	31	27	34	18	27
Psychology	59	83	24	36	35	57	35	63
US Government & Politics	88	84	65	42	55	52	52	42
US History	15	33	25	21	28	16	27	34
Calculus	29	21	32	15	25	19	26	12
Mobile CSP	43	25	36	16	38	20	48	14
Statistics	49	28	21	25	39	28	24	23
Biology	23	52	26	27	7	17	16	18
Chemistry	24	12	18	16	15	9	45	32
Physics 1	12	4	21	9	12	9	15	9
Physics C	23	10	21	9	15	2	5	1
French Lang & Culture	9	6	9	16	10	11	3	9
Spanish Lang & Culture	24	28	20	22	9	7	4	2
Computer Science	36	12	38	14	30	12	29	9

**PARTICIPATION IN COLLEGE CREDIT COURSES 2022-2023**

	2022-2023 # courses	# of students enrolled in courses	# of student enrollments earning credit	Total # credits earned
UCONN ECE Program	7	185	428	1297
Goodwin University	1	3	3	9
Asnuntuck Community College	1	16	16	48
Capital Community College	1	56	56	168
Manchester Community College	2	55	53	165

**PARTICIPATION IN COLLEGE CREDIT COURSES 2021-2022**

	2021-2022 # courses	# of students enrolled in courses	# of student enrollments earning credit	Total # credits earned
UCONN ECE Program	9	175	361	1060
Asnuntuck Community College	1	13	13	39
Capital Community College	1	58	58	174
Manchester Community College	2	57	57	171

**PARTICIPATION IN COLLEGE CREDIT COURSES 2020-2021**

	2020-2021 # courses	# of students enrolled in courses	# of student enrollments earning credit	Total # credits earned
UCONN ECE Program	9	309	135	1219
Asnuntuck Community College	1	16	16	48
Capital Community College	1	62	62	186
Manchester Community College	1	66	66	198

**FAFSA Completion**

	# of Graduates	# of FAFSA Completions	% of graduates completing FAFSA
Class of 2023	328	285	87%