



## South Windsor High School

Home of the Bobcats

**DATE:** October 25, 2022

**TO:** Kate Carter, Superintendent of Schools

Tracie Peterson, Asst. Superintendent of Curriculum and Instruction

**FROM:** Frank Rizzuto & Elizabeth Devaney, South Windsor High School

**RE:** **2021-2022 AP and Post-Secondary Credit Opportunities**

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 Community College (ACC), Capital Community College (CCC), and Manchester Community College (MCC) for the 2021-2022 academic year.

South Windsor High School student enrollment in courses with the possibility of college credit continues to grow. In the 2021-2022 school year, 377 students were enrolled in one or more AP classes and took a total of 823 AP exams. 99% of students enrolled in AP classes took the AP exam, and 83% of the tests had a score of 3 or better.

It should be noted that during the spring of 2022, College Board returned to the original format for AP testing and only offered traditional paper/pencil AP exams taken at school. The traditional 1-5 scoring practices were still used to evaluate the exams.

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 Community College, Capital Community College, and/or Manchester Community College. Students enrolled in the UCONN ECE program who earned a passing grade, automatically earned credit for a 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. To that end, building administrators and curricular leaders review the performance data on an annual basis in order to identify instructional strategies and revise curriculum content to better meet student needs. South Windsor High School's school counselors present information to students during the course registration process to share the benefits gained from taking AP courses or participating in other post-secondary eligible course options.



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School counselors encourage students to consider enrolling in AP courses or the partnership programs. Curriculum leaders also visit classrooms to provide information to students and encourage participation in these types of courses. The following is a brief summary of the additional college credit earning opportunities offered to our students.

#### **University of Connecticut ECE:**

For the 2021-2022 school year, students had the opportunity to take a variety of UCONN ECE classes. Some of the courses were also offered as AP courses. Students earned credit with a passing grade in the course, along with completing UCONN's enrollment process accordingly. Students could also pay a \$50 fee per credit if they wanted the credit(s) to appear on a UCONN transcript. The number of credits varied by course.

- 361 enrollments, from 175 students in the UCONN ECE program, for a total of 1060 credits.
- Courses offered through the UCONN ECE program for 2021-22 included:

<b>UConn Course Name</b>	<b>SWHS Course Name</b>	<b>UConn Credits</b>
AH2001 - Medical Terminology & AH1100-Intro. to Allied Health Professionals	UConn Medical Terminology & Allied Health	3
CAMS1103 - Classical Mythology	UConn Classical Mythology	3
CAMS3102 - Topics in Advanced Latin	UConn Latin IV	3
ECON1201 - Principles of Microeconomics & 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 Laboratory	UConn Marine Science	4

#### **College and Career Pathways:**

- For the 2021-2022 school year, SWHS students participated in a variety of course offerings for students in the College Career Pathway courses through ACC, CCC, and MCC.
- Currently, the program is free for students. To earn the credit, students must earn at least a C

and complete the paperwork to earn the credits.

**ACC Course:** Child Care

- 13 enrollments from 13 students in the ACC CCP program, for a total of 39 credits.

**CCC Course:** Mobile Computer Science Principles

- 58 enrollments from 58 students in the CCC CCP program, for a total of 174 credits.

**MCC Courses:** Personal Finance and Accounting II

- 57 enrollments from 57 students in the MCC CCP program, for a total of 171 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
2022	377	816	823	99%	323	50.3%	83%
2021	384	738	743	99%	292	46.6%	75%
2020	347	649	688	97%	313	48.6%	86%
2019	341	576	676	100%	299	37.6%	88%

\* # 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
2022	67	3.28	27	3.96	67	4.40
2021	49	3.78	30	3.80	59	4.28
2020	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)

# 2020 - 2022 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
ENGLISH													
English Language & Composition	2020	18	18	18	8	1	63	3.70	3.43	9	15%	54	85%
	2021	14	18	9	3	0	44	3.98	3.25	3	7%	41	93%
	2022	20	17	14	6	4	61	3.70	3.16	10	16%	51	84%
SOCIAL STUDIES													
Macroeconomics	2020	12	18	16	8	9	63	3.25	3.75	17	27%	46	73%
	2021	16	25	15	18	20	94	2.99	3.38	38	40%	56	60%
	2022	17	21	20	11	15	84	3.17	3.36	26	31%	58	69%
Microeconomics	2020	12	13	18	13	6	62	3.19	3.64	19	31%	43	69%
	2021	5	28	20	16	24	93	2.72	3.45	40	43%	53	57%
	2022	21	21	22	11	10	85	3.38	3.46	21	25%	64	75%
Psychology	2020	39	24	8	3	2	76	4.25	3.38	5	7%	71	93%
	2021	36	19	10	12	9	86	3.71	2.78	21	24%	65	76%
	2022	37	34	10	8	3	92	4.02	2.87	11	12%	81	88%
US Government & Politics	2020	34	18	23	5	4	84	3.87	3.19	9	11%	75	89%
	2021	20	19	32	21	8	100	3.22	2.79	29	29%	71	71%
	2022	35	22	30	14	5	106	3.64	2.83	19	18%	87	82%
US History	2020	16	7	7	4	2	36	3.86	3.31	6	17%	30	83%
	2021	16	12	15	11	5	59	3.39	2.92	16	27%	43	73%
	2022	16	8	10	5	4	43	3.63	2.92	9	21%	34	79%
MATH													
Calculus AB	2020	9	6	7	2	0	24	3.92	3.23	2	8%	22	92%
	2021	13	8	5	1	0	27	4.22	2.95	1	4%	26	96%
	2022	12	6	4	2	0	24	4.17	2.99	2	8%	22	92%
Calculus BC	2020	2	1	0	0	0	3	4.67	4.06	0	0%	3	100%
	2021	9	2	0	0	0	11	4.82	3.73	0	0%	11	100%
	2022	9	5	5	1	1	21	3.95	3.85	2	10%	19	90%
Statistics	2020	23	14	7	1	0	45	4.31	3.14	1	2%	44	98%
	2021	11	10	10	2	2	35	3.74	2.88	4	12%	31	88%
	2022	26	23	14	3	1	67	4.04	3.01	4	6%	63	94%
Computer Science A	2020	11	13	11	3	1	39	3.77	3.36	4	9%	35	91%
	2021	12	10	5	6	5	38	3.47	3.32	11	29%	27	71%
	2022	14	14	9	2	4	43	3.74	3.36	6	14%	37	86%
Computer Science Principles	2020	10	27	15	4	2	58	3.67	3.32	6	10%	52	90%
	2021	14	19	21	2	3	59	3.66	3.17	5	8%	54	92%
	2022	14	21	15	4	1	55	3.78	3.20	5	9%	50	91%
SCIENCE													
Biology	2020	8	10	11	6	0	35	3.57	3.36	6	17%	29	83%

	2021	9	13	7	5	1	35	3.69	3.13	6	17%	29	83%
	2022	9	7	6	3	0	25	3.88	3.50	3	12%	22	88%
Chemistry	2020	7	8	9	3	1	28	3.61	3.17	4	14%	24	86%
	2021	9	5	5	0	1	20	4.05	2.90	1	5%	19	95%
	2022	14	6	3	0	1	24	4.33	2.96	1	4%	23	96%
Physics 1	2020	3	8	6	2	1	20	3.50	2.97	3	15%	17	85%
	2021	2	3	7	5	0	17	3.12	2.69	5	29%	12	71%
	2022	1	6	7	5	2	21	2.95	2.76	7	33%	14	67%
Physics C – Electricity & Magnetism	2020	3	2	0	1	0	6	4.17	3.74	1	17%	5	83%
	2021	1	1	1	1	0	4	3.50	3.70	1	25%	3	75%
	2022	2	0	1	5	1	9	2.67	3.49	6	67%	3	33%
Physics C - Mechanics	2020	6	3	2	0	0	11	4.36	4.20	0	0%	11	100%
	2021	3	1	1	0	1	6	3.83	3.64	1	17%	5	83%
	2022	5	7	2	2	0	16	3.94	3.69	2	12%	14	88%
<b>WORLD LANGUAGES</b>													
French Language & Culture	2020	2	4	10	1	0	17	3.41	3.68	1	6%	16	94%
	2021	2	0	6	4	0	12	3.00	3.19	4	33%	8	67%
	2022	0	2	11	4	4	21	2.52	3.19	8	38%	13	62%
Spanish Language & Culture	2020	8	2	5	1	0	16	4.06	3.8	1	6%	15	94%
	2021	1	3	1	1	0	6	3.67	3.51	1	17%	5	83%
	2022	2	6	6	2	0	16	3.50	3.57	2	12%	14	88%

NUMBER OF STUDENTS ENROLLED IN AP COURSES				
AP SUBJECT	Projected 2022-2023	2021-2022	2020-2021	2019-2020
Macroeconomics	85	85	94	66
Microeconomics	85	85	94	66
English Lang & Comp	67	61	45	66
Psychology	73	92	98	80
US Gov & Politics	110	107	94	85
US History	48	44	61	36
Calculus	46	44	38	28
Mobile CSP	54	58	62	58
Statistics	50	67	46	46
Biology	57	24	34	35
Chemistry	37	24	77	29
Physics 1	28	21	24	21
Physics C	30	17	6	11
French Lang & Culture	25	21	12	17
Spanish Lang & Culture	44	16	6	15
Computer Science	54	42	38	40

MALE/FEMALE ENROLLMENT IN AP COURSES								
AP SUBJECT	Projected 2022-2023		2021-2022		2020-2021		2019-2020	
	Male	Female	Male	Female	Male	Female	Male	Female
Macroeconomics	51	34	64	21	52	42	40	26
Microeconomics	51	34	64	21	52	42	40	26
English Lang & Comp	32	35	27	34	18	27	40	26
Psychology	29	44	35	57	35	63	19	61
US Government & Politics	66	44	55	52	52	42	48	37
US History	25	23	28	16	27	34	17	19
Calculus	31	15	25	19	26	12	16	12
Mobile CSP	37	17	38	20	48	14	43	15
Statistics	23	27	39	28	24	23	27	19
Biology	29	28	7	17	16	18	13	22
Chemistry	18	19	15	9	45	32	22	7
Physics 1	17	11	12	9	15	9	14	7
Physics C	21	9	15	2	5	1	9	2
French Lang & Culture	7	18	10	11	3	9	3	14
Spanish Lang & Culture	21	23	9	7	4	2	5	10
Computer Science	38	16	30	12	29	9	29	11

**PARTICIPATION IN COLLEGE CREDIT COURSES 2019-2020**

	<b>2019- 2020 # courses</b>	<b># of students enrolled in courses</b>	<b># of student enrollments earning credit</b>	<b>Total # credits earned</b>
<b>UConn ECE Program</b>	<b>8</b>	<b>122</b>	<b>233</b>	<b>777</b>
<b>Manchester Community College</b>	<b>7</b>	<b>275</b>	<b>331</b>	<b>1034</b>
<b>Capital Community College</b>	<b>1</b>	<b>56</b>	<b>56</b>	<b>168</b>

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

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

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

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