

**UC 'a-g' Approved CTE Courses Requested to Serve as Alternative Means
 for Students to Fulfill District Graduation Requirements**

April 12, 2019

Course Title	Course Number(s)	UC Approval	Alternative Graduation Credit Subject Area
Biotechnology 1,2 (CTE) **	8704, 8705	d	Science *
Cinematic Arts 1,2	8239, 8240	f	VAPA
Computer Animation 1,2	3639, 3640	f	VAPA
Computerized Graphic Design 1,2; 1-2	8511, 8512, 8633	f	VAPA
Digital Art and Mixed Media 1,2	8091, 8092	f	VAPA
Digital Art and Mixed Media 3,4	8093, 8094	f	VAPA
Economics and Finance 1,2	0569, 0570	g	Economics (History)
Economics and International Business 1,2	8629, 8630	g	Economics (History)
Environmental Science AP (CTE) **	8448, 8449	d	Science *
Fabrication and Design 1,2	8311, 8312	f	VAPA
Foundations in Visual Arts and Design 1,2	3645, 3646	f	VAPA
Honors PLTW Human Body Systems 1,2	3303, 3304	d	Science*
Honors PLTW Medical Interventions 1,2	8339, 8340	d	Science*
Honors PLTW Principals of Biomedical Science 1,2	3301, 3302	d	Science*
Human Body Systems 1,2	3313, 3314	d	Science *
Introduction to Design 1,2	3657, 3658	f	VAPA
Introduction to Fabrication and Design 1,2	3591, 3592	f	VAPA
Introduction to Green Technology 1,2	3763, 3764	d	Physics
Introduction to Music Production Technology 1,2	3765, 3766	f	VAPA
Medical Interventions 1,2	8265, 8266	d	Science *
Multimedia Production 1,2; 1-2	8839, 8840, 8572	f	VAPA
Multimedia Production 3,4	8841, 8842	f	VAPA
Photographic Imaging 1,2	8105, 8106	f	VAPA
Photographic Imaging 3,4	8107, 8108	f	VAPA
Photography 1-2	3691, 3692	f	VAPA
Principles of Biomedical Science 1,2	3311, 3312	d	Science *
Screen Printing 1,2	8882, 8883	f	VAPA
Technical Theater 1,2	1413, 1414	f	VAPA
Technical Theater 3,4	1462, 1463	f	VAPA
Video Production 1,2; 1-2	8373, 8374, 8385	f	VAPA
Video Production 3,4	8375, 8376	f	VAPA

* Courses only qualify for alternative means when taken as part of an authorized CTE pathway.

** Only the CTE course listed here will count towards a third year of science. Biotechnology 1,2 – 6458, 6459 (Non-CTE) or Environmental Science AP 1,2 – 6455, 6456 (Non-CTE) will count as a 4th year of science.

CCTE Option 1: Computer Science Sequence	CCTE Option 2: Health Pathway Sequence	CCTE Option 3: Engineering Pathway Sequence	CCTE Option 4: Biotechnology Pathway	CCTE Option 5: Environmental Science Pathway
Biology Chemistry or Physics Computer Science (*offered in any order between grades 9-11)	PBS and/or HBS Biology Chemistry or Physics (*PBS and/or HBS can be taken at the same time as Biology)	Green Up and Go Biology Chemistry (*Green Up and Go must be the first course in this sequence and counts for physics)	Biology Chemistry or Physics Biotechnology (*Biotechnology must be the third course in this sequence)	Biology Chemistry or Physics AP Environmental Science (*AP Environmental Science must be offered between grades 10-11)

CCTE Alternative Means Pathways:

Computer Science courses are currently being submitted to UC for “d” credit, as they are currently approved for “g” credit. Until UC approves these courses as “d” lab courses, they will be listed under alternative means in AP 4771.

Examples of UCCI Coursework Alternative Means:

Course Title	Course Number(s)	UC Approval	Alternative Graduation Credit Subject Area
UCCI LANG TAKES STAGE 1,2 (P)	4871,4872	b	English
UCCI LIT ART CIV ACT 1,2 (HP)	4875,4876	b	English
UCCI SOC ACT THEATER 1,2 (HP)	4877,4878	b	English
UCCI BUL TRTH ENGL 1,2 (P)	4881,4882	b	English
UCCI LAPS ENGL HNRS 1,2 (HP)	4883,4884	b	English
UCCI WLD HIST BY DSGN 1,2 (HP)	4873,4874	a	History/Soc.Sci
UCCI JRNY JUSTIC AM GVT	6939,6940	a	History/Soc. Sci