

# GRADE 12

This is a worksheet to help you plan your program with your school counselor.

## CREC Academy of Science and Innovation Course Selection Worksheet (2021 – 2022)

Student Name: \_\_\_\_\_

### \*\*AP/ECE Courses Require Teacher Recommendation\*\*

<b>English - Choose One (1 Credit)</b>		
<b>Course Selection</b>	<b>Mark (X)</b>	<b>Credits</b>
English Language Arts IV		1.0
AP Literature and Composition – UConn ECE		1.0
AP Language and Composition (if not taken in 11 <sup>th</sup> grade)		1.0

<b>Mathematics - Choose One (1 Credit)</b>		
<b>Course Selection</b>	<b>Mark (X)</b>	<b>Credits</b>
AP Calculus AB		1.0
AP Statistics		1.0
Financial Algebra (recommendation required)		1.0
Pre-Calculus		1.0
Statistics		1.0

<b>Science – Recommend 1.0 Credit</b>		
<b>Course Selection</b>	<b>Mark (X)</b>	<b>Credits</b>
Chemistry (Can only enroll if not previously enrolled <b>OR</b> you earned a 59% or lower)		1.0
Physics (RECOMMENDED)		1.0
ECE Physics		1.0

<b>Social Studies – Recommend 1.0 Credit</b>		
<b>Course Selection</b>	<b>Mark (X)</b>	<b>Credits</b>
AP Psychology		1.0
Psychology		0.5
Sociology		0.5

<b>Capstone - 1.0 Credit * Required for all 12<sup>th</sup> grade students</b>		
<b>Course Selection</b>	<b>Mark (X)</b>	<b>Credits</b>
Capstone 12	X	1.0

<b>Electives - 3 -5 credits ( Choose First and Second Choice</b>			
<b>Course #</b>	<b>Course Selection</b>	<b>Mark (X)</b>	<b>Credits</b>
MA3026	Academic Support (Special Education)		1.0
AR1106	Advanced Drawing		0.5
SC3305	Anatomy & Physiology		1.0
SC3373	AP Computer Science A		1.0
TE1043	AP Computer Science Principles		1.0

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*Updated: 3/17/21*

SS4223	AP Psychology		1.0
SS4563	AP US Government and Politics		1.0
SC3345	Astronomy		0.5
1820/1821	Band 1/Band 2 (Select both in PowerSchool)		1.0
SC3605	Biotechnology - UCONN ECE		1.0
SC2581/SC1132	Cellular Biology/Genetics (Select both in PowerSchool)		1.0
SC3261	Chemistry (Can only enroll if not previously enrolled <b>OR</b> you earned a 59% or lower)		1.0
1810/1811	Chorus 1 & Chorus 2 (Select both in PowerSchool)		0.5
TE1131	Computer Coding		0.5
EN3462	Contemporary Literature		0.5
EN1117	Creative Writing		0.5
ASC100	Cyber Security		0.5
CW1046	Digital Audio Production		0.5
AR6202	Digital Media and Video Production		0.5
MU0761	Digital Piano 1		0.5
AR3011	Drawing		0.5
SC31116	ECE Biology		2.0
EG0905/Z102	Engineering Design/ Internship (Select both in PowerSchool)		1.0
TE2251	Environmental Engineering		0.5
FC2601	Food Science		0.5
SC4051	Forensics		0.5
SC2261	Freshwater Ecology		0.5
HE1001	Health (Can only enroll if not previously enrolled <b>OR</b> you earned a 59% or lower)		0.5
TE2000	High School Game Design		0.5
SC3323/SC3831	Intro Hydroponics & Aquaponics (Select both in PowerSchool)		1.0
AR3211	Intro to Digital Illustration/Graphic Design		0.5
PE6L2	Physical Education		0.5
EG1021	Principles to Engineering		0.5
SS4221	Psychology		0.5
SC3144	Robotics 4		1.0
SS4351	Sociology		0.5
SP5111	Spanish II		1.0
SP5201	Spanish III		1.0
SP5213	Spanish IV/V		1.0
PE4221	Strength and Conditioning		0.5
Z101	Study Hall - (Full Year)(All Seniors may take 1 Full year Study Hall)		0
Z101	Study Hall - (Half Year)		0
EG3301	Unmanned Aerial Systems		0.5
SS4241	World History		1.0

Credit Total	
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*Updated: 3/17/21*

*\*Please note: All students must be registered for a total of 7 credits. Students taking 2 AP/ECE courses or more may have 2 Academic Study Halls and be registered for 6 credits.*

*Student Signature: \_\_\_\_\_ Counselor Signature: \_\_\_\_\_ Date: \_\_\_\_\_*

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*Updated: 3/17/21*