

Name: Sample - Quantum Physics and Optics

ID \_\_\_\_\_

Email: \_\_\_\_\_

### Course Planning Sheet (Class of 2022 and Beyond)

| 9 <sup>th</sup> Grade  | 10 <sup>th</sup> Grade  | 11 <sup>th</sup> Grade  | 12 <sup>th</sup> Grade   |
|--|---|---|--|
| *English 9<br>*Biology<br>*Design & Tech<br>Health and PE 9<br>Math: <u>RS1/Math 3</u><br>World Lang: _____<br>Elective: <u>Theater</u><br><br><b>Online EPF in May/June</b><br>Optional Summer School Course<br>(after 9 <sup>th</sup> grade):<br><u>Health and PE 10</u> | * English 10<br>*World History/Geography II<br>Chemistry<br><del>Health and PE 10</del> <u>Foundations</u><br><u>CS</u><br>Math: <u>Math 4/5</u><br>World Lang: _____<br>Elective: <u>Theater</u><br>Optional Summer School Course<br>(after 10 <sup>th</sup> grade): | *English 11<br>*AP <u>or</u> Honors US/VA History<br>Physics / <b>AP Physics</b><br>(AP Calculus BC is a pre/co-requisite<br>or AP Physics)<br>Math: <u>BC Calculus</u><br>World Lang.<br>OR Elective: _____<br>Elective: <u>Theater</u><br>Elective: _____<br>Optional Summer School Course<br>(after 11 <sup>th</sup> grade): | **AP English Lang/Lit<br>**AP US Government<br>Geosystems<br>Senior Research<br>Lab: <u>Quantum Physics and</u><br><u>Optics Lab</u><br>Math: _____<br>Elective: <u>Theater</u><br>Elective: <u>4th History Credit</u> |

\*These courses are offered as an integrated block (commonly referred to as IBET for ninth grade, HUM 1 for tenth grade and HUM 2 for eleventh grade).

\*\*These courses are offered as separate classes or as an integrated block.

**NOTE: Although most TJ graduation requirements will be met within the natural progression of courses (e.g. English 9, 10, 11, 12), the following graduation requirements must be intentionally scheduled somewhere within each student's four years at TJ:**

3 World Language credits (must be sequential in same language)

1 additional credit of non-AP social studies course

1 credit of Economics & Personal Finance (or AP Macro/Micro Economics)

1 credit of Computer Science completed before Junior year

1 credit of AP Calculus AB or BC

1 credit of a Fine Art/Career & Tech Ed OR 4<sup>th</sup> year of a World Language OR an additional credit of Science, Math or Technology

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## Course Planning Sheet (Class of 2022 and Beyond)

| 9 <sup>th</sup> Grade  | 10 <sup>th</sup> Grade  | 11 <sup>th</sup> Grade  | 12 <sup>th</sup> Grade   |
|--|---|---|--|
| *English 9<br><br>*Biology<br><br>*Design & Tech<br><br>Health and PE 9<br><br>Math: <u>RS1/Math 3</u><br><br>World Lang: _____<br><br>Elective: <u>Theater</u><br><br><u>Online EPF in May/June</u><br><br>Optional Summer School Course<br>(after 9 <sup>th</sup> grade):<br><u>Summer Chemistry</u> | * English 10<br><br>*World History/Geography II<br><br><del>Chemistry</del> <u>Foundations CS</u><br><br>Health and PE 10<br><br>Math: <u>Math 4/5</u><br><br>World Lang: _____<br><br>Elective: <u>Theater</u><br><br>Optional Summer School Course<br>(after 10 <sup>th</sup> grade): | *English 11<br><br>*AP <u>or</u> Honors US/VA History<br><br>Physics / <b>AP Physics</b><br>(AP Calculus BC is a pre/co-requisite<br>or AP Physics)<br><br>Math: <u>BC Calculus</u><br><br>World Lang.<br>OR Elective: _____<br><br>Elective: <u>Theater</u><br><br>Elective: _____<br><br>Optional Summer School Course<br>(after 11 <sup>th</sup> grade): | **AP English Lang/Lit<br><br>**AP US Government<br><br>Geosystems<br><br>Senior Research<br>Lab: <u>Quantum Physics and Optics</u><br><br>Math: _____<br><br>Elective: <u>Theater</u><br><br>Elective: <u>4th History Credit</u> |

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