Thomas Jefferson High School for Science & Technology
2022-2023 Course Selection Sheet (10th – 12th grades)

Student Name_____ **ID#**_____ **Grade**_____ **Email**_____ **Counselor**_____

Note: All courses are a Year Long unless indicated by (SEM) to mean Semester Length.

ENGLISH
- ☐ 1140T1 ENGLISH 10
- ☐ 119604 AP ENGLISH LANG. **(SINGLETON)**
- ☐ 119662 AP ENGLISH: LANG. **(with 244561)**
- ☐ 1150T1 ENGLISH 11 **(with 1150T1)**
- ☐ 1150T2 ENGLISH 11 **(with 1150T2)**
- ☐ 1160T1 ENGLISH 12 Honors **(SINGLETON)**
- ☐ 119504 AP ENGLISH LIT. **(SINGLETON)**
- ☐ 119505 AP ENGLISH LIT. **(with 244506)**
- ☐ 120000 JOURNALISM 1
- ☐ 121000 JOURNALISM 2
- ☐ 121100 JOURNALISM 3
- ☐ 121200 JOURNALISM 4
- ☐ 122000 BROADCAST JOURNALISM 1
- ☐ 122012 BROADCAST JOURNALISM 2
- ☐ 122013 BROADCAST JOURNALISM 3
- ☐ 122014 BROADCAST JOURNALISM 4
- ☐ 139000 FORENSICS
- ☐ 121500 PHOTOJOURNALISM 1
- ☐ 121600 PHOTOJOURNALISM 2
- ☐ 121700 PHOTOJOURNALISM 3
- ☐ 121714 PHOTOJOURNALISM 4
- ☐ 144632 FILM STUDY **(SEM)**

FINE ARTS MUSIC
- ☐ 923315 BAND
- ☐ 925015 PERCUSSION ENSEMBLE
- ☐ 924015 JAZZ ENSEMBLE
- ☐ 923815 ORCHESTRA
- ☐ 926015 BEGINNING CHORUS
- ☐ 922604 AP MUSIC THEORY

FINE ARTS THEATRE ARTS
- ☐ 141032 THEATRE ARTS 1 **(SEM)**
- ☐ 142032 THEATRE ARTS 2 **(SEM)**
- ☐ 143032 THEATRE ARTS 3 **(SEM)**
- ☐ 144032 THEATRE ARTS 4 **(SEM)**
- ☐ 143532 TECHNICAL THEATRE 1 **(SEM)**
- ☐ 143511 TECHNICAL THEATRE 1 **(YEAR)**

FINE ARTS VISUAL ARTS
- ☐ 918012 DIGITAL ART 1 **(SEM)**
- ☐ 918110 DIGITAL ART 2 **(SEM)**
- ☐ 912032 STUDIO ART AND DESIGN 1 **(SEM)**
- ☐ 913032 STUDIO ART AND DESIGN 2 **(SEM)**
- ☐ 914000 STUDIO ART AND DESIGN 3
- ☐ 914700 STUDIO ART AND DESIGN 4
- ☐ 919332 PHOTOGRAPHY 1 **(SEM)**
- ☐ 919432 PHOTOGRAPHY 2 **(SEM)**
- ☐ 914804 AP ART: 2-D DESIGN
- ☐ 915004 AP ART: DRAWING PORTFOLIO
- ☐ 915104 AP ART: ART HISTORY

GENERAL
- ☐ 984060 DESIGN AND TECH (**Froshmores**)
- ☐ 612000 ECON & PERSONAL FINANCE
- ☐ 612036 ECON & PERSONAL FINANCE-**HN**

HEALTH and PHYSICAL EDUCATION
- ☐ 740500 HEALTH AND PE 10
- ☐ 763032 SPORTS MEDICINE **(SEM)**
- ☐ 764061 PERSONAL FITNESS 1 **(SEM)**
- ☐ 751053 YOGA FOR WELLNESS 1 **(SEM)**

MATHEMATICS
- ☐ 3190T1 TJ RESEARCH STAT 1 **(SEM)**
- ☐ 3190T2 TJ RESEARCH STAT 2 **(SEM)**
- ☐ 3190T3 TJ RESEARCH STAT 3 **(SEM)**
- ☐ 314351 TJ MATH 1 **(SEM)**
- ☐ 314352 TJ MATH 2 **(SEM)**
- ☐ 313753 TJ MATH 3 **(SEM)**
- ☐ 316154 TJ MATH 4 **(SEM)**
- ☐ 316055 TJ MATH 5 **(SEM)**
- ☐ 316056 TJ MATH 6 **(SEM)**
- ☐ 317004 AP CALCULUS AB
- ☐ 317706 AP CALCULUS BC - **if taking AB now**
- ☐ 317704 AP CALCULUS BC
- ☐ 317860 MULTIVARIABLE CALCULUS **(SEM)**
- ☐ 319800 MATRIX (LINEAR) ALGEBRA **(SEM)**
- ☐ 317862 COMPLEX ANALYSIS **(SEM)**
- ☐ 317861 DIFFERENTIAL EQUATIONS **(SEM)**
- ☐ 319862 MATH TECHNIQUES - AMT **(SEM)**

COMPUTER SCIENCE
- ☐ 3184T1 FOUNDATIONS COMPUTER SCI
- ☐ 3184T2 ACC FOUNDATIONS COMP SCI
- ☐ 318561 DATA STRUCTURES (APCS A+)
- ☐ 319966 ARTIFICIAL INTELL.1 **(SEM)**
- ☐ 319967 ARTIFICIAL INTELL. 2 **(SEM)**
- ☐ 319916 COMPUTER VISION 1 **(SEM)**
- ☐ 319917 COMPUTER VISION 2 **(SEM)**
- ☐ 3199T6 MACHING LEARNING 1 **(SEM)**
- ☐ 3199T7 MACHINE LEARNING 2 **(SEM)**
- ☐ 3199J2 MOBILE APP DEVELOP **(SEM)**
- ☐ 3199J1 WEB APP DEVELOPMENT **(SEM)**

SCIENCE
- ☐ 4520T1 COMPUTATIONAL PHYSICS **(SEM)**
- ☐ 4621T1 MICROBIAL GENOMICS
- ☐ 422067 GEOSPATIAL ANALYSIS
- ☐ 437004 AP BIOLOGY
- ☐ 4410T1 CHEMISTRY 1
- ☐ 447004 AP CHEMISTRY
- ☐ 4420T4 INTRO ORG CHEM 1 **(SEM)**
- ☐ 4510T1 PHYSICS 1
- ☐ 457004 AP PHYSICS C-MEM
- ☐ 4220T1 GEOSYSTEMS

SCIENCE Continued
- ☐ 4320T1 ADV MARINE BIOLOGY **(SEM)**
- ☐ 4610T6 BIONANOTECHNOLOGY **(SEM)**
- ☐ 4320T8 NEUROBIOLOGY
- ☐ 4320T6 DNA SCIENCE 1 **(SEM)**
- ☐ 4320T7 DNA SCIENCE 2 **(SEM)**
- ☐ 4260T4 ADV ASTR SOLAR SYS **(SEM)**
- ☐ 4260T5 ADV ASTR UNIVERSE **(SEM)**
- ☐ 4520T9 ELECTRODYNAMICS
- ☐ 4520T8 OPTICAL SYSTEMS **(SEM)**

SOCIAL STUDIES
(***** Indicates that the course satisfies the 4th Social Studies Requirement; YEAR=1 Credit, 2 SEM=1 Credit)
- ☐ 237100 AFRICAN AMERICAN HISTORY *****
- ☐ 239904 AP EUROPEAN HISTORY
- ☐ 2219T1 ANCIENT & CLAS CIV *****
- ☐ 2996T1 HISTORY OF SCIENCE *****
- ☐ 2219T2 WORLD HIST/GEOGRAPHY 1 *****
- ☐ 2221T1 WORLD HIST/GEOG. 2 **(1140T1)**
- ☐ 2360T1 US VA HISTORY **(with 1150T2)**
- ☐ 231905 AP US HISTORY **(with 1150T1)**
- ☐ 244504 AP GOVERNMENT **(SINGLETON)**
- ☐ 244506 AP US GOVT **(with 119505)**
- ☐ 244561 AP US GOVT **(with 119662)**
- ☐ 280404 AP MACRO/MICRO ECONOMICS
- ☐ 290204 AP PSYCHOLOGY
- ☐ 2340T1 20TH CENT WRLD HIST *** (SEM)**
- ☐ 2996T2 AM/WRLD SINCE 1989 *** (SEM)**
- ☐ 2374T1 ANTHRO STUDIES *** (SEM)**
- ☐ 2998T2 ETHICAL LEADERSHIP *** (SEM)**
- ☐ 2950T1 INQUIRY INTO IDEAS *** (SEM)**
- ☐ 2420T1 LAW AND SOCIETY *** (SEM)**
- ☐ 2900T1 PSYCH: BRAIN & BEH *** (SEM)**
- ☐ 2950T2 RELIGIOUS STUDIES *** (SEM)**

TECH ENGINEERING EDUCATION
- ☐ 9828T5 INTRO ENGR ACC ADV
- ☐ 9826T5 ACC ANALOG ELECT **(SEM)**
- ☐ 9826T6 ACC DIGITAL ELECT **(SEM)**
- ☐ 9826T0 AUDIO ELECRONICS **(SEM)**
- ☐ 9826T1 ADV MICROPROC SYS **(SEM)**
- ☐ 9826T8 AUT/ROB-SYSTEMS **(SEM)**
- ☐ 9826T7 AUT/ROB-MICRO SYS **(SEM)**
- ☐ 9828T9 ENERGY SYSTEMS 1 **(SEM)**
- ☐ 9828T8 ENERGY SYSTEMS 2 **(SEM)**
- ☐ 9828J1 ENGINEERING DESIGN **(SEM)**
- ☐ 9828T0 PROTOTYPING 1 **(SEM)**
- ☐ 9828T4 PROTOTYPING 2 **(SEM)**
- ☐ 9828T2 SPEC COMP ASST DES **(SEM)**

WORLD LANGUAGES
- ☐ 581000 CHINESE 1
- ☐ 582000 CHINESE 2
- ☐ 583000 CHINESE 3
- ☐ 584000 CHINESE 4
- ☐ 585000 CHINESE 5
- ☐ 5850T1 CHINESE 5 SEM 1
- ☐ 5850T2 CHINESE 5 SEM 2
- ☐ 584004 AP CHINESE LANGUAGE
- ☐ 511000 FRENCH 1
- ☐ 512000 FRENCH 2
- ☐ 513000 FRENCH 3
- ☐ 514000 FRENCH 4
- ☐ 515000 FRENCH 5
- ☐ 5150T1 FRENCH 5 SEM 1
- ☐ 5150T2 FRENCH 5 SEM 2
- ☐ 517004 AP FRENCH LANGUAGE
- ☐ 521000 GERMAN 1
- ☐ 522000 GERMAN 2
- ☐ 523000 GERMAN 3
- ☐ 524000 GERMAN 4
- ☐ 525000 GERMAN 5
- ☐ 5250T1 GERMAN 5 SEM 1
- ☐ 5250T2 GERMAN 5 SEM 2
- ☐ 527004 AP GERMAN LANGUAGE
- ☐ 592000 JAPANESE 2
- ☐ 593000 JAPANESE 3
- ☐ 594000 JAPANESE 4
- ☐ 595000 JAPANESE 5
- ☐ 5950T1 JAPANESE 5 SEM 1
- ☐ 5950T2 JAPANESE 5 SEM 2
- ☐ 597004 AP JAPANESE LANGUAGE
- ☐ 531000 LATIN 1
- ☐ 532000 LATIN 2
- ☐ 533000 LATIN 3
- ☐ 534000 LATIN 4
- ☐ 535000 LATIN 5
- ☐ 5350T1 LATIN 5 SEM 1
- ☐ 5350T2 LATIN 5 SEM 2
- ☐ 537004 AP LATIN
- ☐ 541000 RUSSIAN 1
- ☐ 542000 RUSSIAN 2
- ☐ 543000 RUSSIAN 3
- ☐ 544000 RUSSIAN 4
- ☐ 545000 RUSSIAN 5
- ☐ 5450T1 RUSSIAN 5 SEM 1
- ☐ 5450T2 RUSSIAN 5 SEM 2
- ☐ 546004 AP RUSSIAN LANGUAGE
- ☐ 551000 SPANISH 1
- ☐ 552000 SPANISH 2
- ☐ 553000 SPANISH 3
- ☐ 554000 SPANISH 4
- ☐ 555000 SPANISH 5
- ☐ 5550T1 SPANISH 5 SEM 1
- ☐ 5550T2 SPANISH 5 SEM 2
- ☐ 557004 AP SPANISH LANGUAGE
- ☐ 558004 AP SPANISH LITERATURE

SENIORS ONLY
- ☐ 4220T3 MENTORSHIP (Internship)
- ☐ 4260T2 ASTRONOMY RESEARCH
- ☐ 4320T3 BIOTECH RESEARCH
- ☐ 4420T2 CHEM ANALYSIS RESEARCH
- ☐ 3199T3 COMP SYSTEMS RESEARCH
- ☐ 9826R4 ENGINEERING RESEARCH
- ☐ 9826T2 MICRO ELECTRONICS RES
- ☐ 3199R1 MOBILE/WEB APP RES
- ☐ 4320T5 NEUROSCIENCE RESEARCH
- ☐ 4610T1 OCEANOGRAPHY RESEARCH
- ☐ 4520T4 OPTICS RESEARCH

ONLINE COURSES – FORMS REQUIRED
- ☐ 317093 AP Calculus AB
- ☐ 117198 Creative Writing 1 (sem 1)
- ☐ 117298 Creative Writing 2 (sem 2)
- ☐ 612099 Econ & Personal Finance (EPF)
- ☐ 6120SD Self-Paced EPF
- ☐ 280493 AP Micro/Macro Economics
- ☐ 116097 English 12 Honors
- ☐ 119593 AP English Literature
- ☐ 119693 AP English 12 Lang. & Comp.
- ☐ 740599 Health & PE 10 with Drivers Ed.
- ☐ 583099 Chinese 3
- ☐ 587099 Korean 1
- ☐ 587599 Korean 2
- ☐ 588099 Korean 3
- ☐ 425099 Oceanography
- ☐ 290299 AP Psychology
- ☐ 553099 Spanish 3
- ☐ 557093 AP Spanish Language
- ☐ 558093 AP Spanish Literature
- ☐ 244593 AP US Gov't and Politics
- ☐ 244097 US VA Government HN
- ☐ 221997 World History & Geo. 1 HN

ONLINE 8TH COURSES
(Talk with your counselor before signing up for these.)
- ☐ 280496 AP Micro/Macro Economics
- ☐ 290298 AP Psychology
- ☐ 557096 AP Spanish Language
- ☐ 558096 AP Spanish Literature

COURSE SELECTIONS
Choose your required and elective courses.
Certain required courses will be pre-entered and locked in SIS StudentVue for you to ensure that these graduation requirements are met. You may not make edits to these course selections, but you may work with your counselor if corrections or adjustments need to be made.

COURSE CATALOG (Right click on hyperlink to open)

Course #	Course Name	Yr /Sem

ALTERNATE CHOICE SELECTIONS
Choose six alternate courses.
If a course does not fit into your schedule for one or more reasons, the alternate course(s) will replace that elective, if possible. (RANK ORDER FROM TOP LINE DOWN. #1 will be your first choice and #6 will be your last choice.)

Course #	Course Name	Yr /Sem