



Robotics & Artificial Intelligence (AI)



Name: _____ Student ID# _____ 24-25 SY Grade _____

	English	Math	Science	Social Studies	Other Required	CTE Program Requirements	CTE Program Requirements
9	English 1 / Hon (1.0)	Algebra 1 / Hon (1.0) Geometry / Hon (1.0)	Biology / Hon (1.0)	World History / Hon (1.0) AP Human Geography (1.0)	Spanish 1 / 2 (1.0) *Beg Spanish I/II*** SPN 1120 (1.0) SPN 1121 (1.0) AP Elective (1.0)	Artificial Intelligence in the World (.5) & Applications of Artificial Intelligence (.5)	Foundations of Robotics (1.0)
10	English 2 / Hon (1.0)	Geometry / Hon (1.0) Algebra II / Hon (1.0)	Chemistry / Hon (1.0) Env Science (1.0) Physics Hon (1.0)	US Gov't (.5) & Economics (.5) AP US Gov't (.5) & AP MicroEcon (.5)	Spanish 2 (1.0) *Beg Spanish I/II*** SPN 1120 (1.0) SPN 1121 (1.0) AP Elective (1.0)	Procedural Programming (1.0)	Robotic Design Essentials (1.0)
11	AICE General Paper (1.0) *English Comp 1/2*** ENC 1101/ (1.0) ENC 1102 (1.0)	Math for College Liberal Arts (1.0) Algebra II / Hon (1.0) Math for College Algebra (1.0) Pre-Calculus Hon (1.0) *DE ALG/DE Statistics MAC1105/STA2023	Forensics Sci (1.0) Chemistry / Hon / AP (1.0) Physics Hon (1.0) AP/DE Elective (1.0)	US History / Hon (1.0) *US History to 1877 (.5) AMH2010 & *US History from 1877 AMH2020 (.5)	**Digital Information Technology (1.0)	Foundations of Machine Learning (1.0)	Robotic Systems (1.0)
12	English 4 (1.0) *English Comp 1/2*** ENC 1101/ (1.0) ENC 1102 (1.0)	Math for College Algebra (1.0) Pre-Calculus Hon (1.0) Probability & Statistics Hon (1.0) *DE ALG/DE Statistics MAC1105/STA2023	Forensics Sci (1.0) Env Science (1.0) Physics Hon (1.0) AP/DE Elective (1.0)	AP/DE Elective (1.0)	Personal Financial & Money Mgmt (.5) & Workplace Essentials (.5)	Manufacturing Dir Study (1.0)	Robotic Applications Capstone (1.0)

ALL students must have 7 courses or 3.5 credits per year.

*Dual Enrollment course on KTech/MTC campus

**Meets Performing/Fine/Practical Arts Requirement

***Dual Enrollment course offered through Pasco eSchool on KTech campus

■ Dual Enrollment Course (USF) with Lab requires 2 periods (3.5 GPA and placement test required)

HOPE/PE (requirement must be taken online): Y N CURR

ART: Y N CURR

Student Signature: _____

Parent Signature: _____

Additional DE/AP Electives offered on KTech Campus:

Dual Enrollment (DE):

*Intro to Humanities
HUM 1020

*Humanities Renaissance to Modern
HUM 2230

***Introduction to Entrepreneurship
GEB 2112

■ BIO 1 & 2 w/Lab
BSC 2010/L & BSC 2011/L

***Microcomputer App
CGS 1100

***Public Speaking
SPC 2608

***Introduction to Business
GEB 1011

Advanced Placement (AP):

AP Human Geography

AP Computer Sci Principals

AP Computer Sci A

AP Calculus AB

Additional DE courses not provided on the KTech or Pasco eSchool campus may be taken through PHSC. ALL PHSC DE Courses require: 3.0 unweighted GPA and placement test scores