

MFISD ENDORSEMENT PATHWAYS

2017-2018



Parent/Guardian Signature _____ Date: _____

1 st Course in Sequence	2 nd Course in Sequence	3 rd Course in Sequence	4 th Course in Sequence
ARTS & HUMANITIES ENDORSEMENT (Unless noted, this endorsement can be earned with 4 credits in a coherent sequence. Please view the MFISD Course Catalog for prerequisites and other specifics)			
Fine Arts – Art (can combine 2 Fine Arts Areas)			
<input type="checkbox"/> Art I	<input type="checkbox"/> Art II Ceramics or Drawing <input type="checkbox"/> Art II	<input type="checkbox"/> Art III Ceramics or Drawing <input type="checkbox"/> Art IV Ceramics or Drawing	<input type="checkbox"/> AP Studio Art Drawing Portfolio <input type="checkbox"/> Art IV Ceramics or Drawing
Fine Arts - Dance			
<input type="checkbox"/> Dance I <input type="checkbox"/> Drill Team	<input type="checkbox"/> Dance II <input type="checkbox"/> Drill Team	<input type="checkbox"/> Dance III <input type="checkbox"/> Drill Team	<input type="checkbox"/> Dance IV <input type="checkbox"/> Drill Team
Language (LOTE)			
<input type="checkbox"/> Spanish I	<input type="checkbox"/> Spanish II	<input type="checkbox"/> Spanish III or Spanish III for Native Speakers <input type="checkbox"/> PAP Spanish III <input type="checkbox"/> AP Spanish IV	<input type="checkbox"/> AP Spanish IV <input type="checkbox"/> AP Spanish V
Fine Arts - Music			
<input type="checkbox"/> Band I <input type="checkbox"/> Choir I	<input type="checkbox"/> Band II <input type="checkbox"/> Choir II	<input type="checkbox"/> Band III <input type="checkbox"/> Choir III	<input type="checkbox"/> Band IV <input type="checkbox"/> Choir IV
Social Studies (Students must earn 5 total credits in Social Studies)			
<input type="checkbox"/> World Geography <input type="checkbox"/> AP Human Geography	<input type="checkbox"/> World History <input type="checkbox"/> AP World History	<input type="checkbox"/> US History or AP US History or DC US History <input type="checkbox"/> Psychology (1/2) /Sociology (1/2) <input type="checkbox"/> DC Psychology (1/2) <input type="checkbox"/> Personal Financial Literacy	<input type="checkbox"/> US Government (1/2) or AP US Government (1/2) <input type="checkbox"/> Economics (1/2) or AP Economics (1/2) <input type="checkbox"/> DC US. Govt. (1/2) & DC Economics (1/2) <input type="checkbox"/> Personal Financial Literacy
Fine Arts - Theatre			
<input type="checkbox"/> Theatre Arts I/ Tech Theatre I	<input type="checkbox"/> Theatre Arts II / Theatre Production I/ Tech Theatre II	<input type="checkbox"/> Theatre Arts III /Theatre Production II/ Tech Theatre III	<input type="checkbox"/> Theatre Arts IV/Theatre Production III /Tech Theatre IV
BUSINESS & INDUSTRY ENDORSEMENT (Unless noted, this endorsement can be earned with 4 credits in a coherent sequence. Please view the MFISD Course Catalog for prerequisites and other specifics)			
Animal Science - Possible certifications that may be earned include: TVMA Level 1 & 2			
<input type="checkbox"/> Principles of Agriculture (not required) <input type="checkbox"/> Livestock Production	<input type="checkbox"/> Livestock Production <input type="checkbox"/> Small Animal/Equine	<input type="checkbox"/> Small Animal/Equine <input type="checkbox"/> Veterinary Tech <input type="checkbox"/> Advanced Animal Science	<input type="checkbox"/> Practicum in Agriculture <input type="checkbox"/> Advanced Animal Science <input type="checkbox"/> Veterinary Tech
Horticulture - Possible certifications that may be earned include: Texas Nursery Professional; Texas High School Floral Certification; OSHA			
<input type="checkbox"/> Principles of Agriculture (not required) <input type="checkbox"/> Horticulture Science	<input type="checkbox"/> Horticulture Science <input type="checkbox"/> Greenhouse Operations & Production	<input type="checkbox"/> Greenhouse Operations & Production <input type="checkbox"/> Floral Design	<input type="checkbox"/> Practicum in Agriculture <input type="checkbox"/> Advanced Plant and Soil Science
Construction Technology - Possible certification that may be earned includes: NCCER Construction Technology; OSHA			
<input type="checkbox"/> Principles of Construction	<input type="checkbox"/> AG Structures Design & Fabrication (1 credit)	<input type="checkbox"/> Construction Technology (2 credits)	<input type="checkbox"/> Practicum in Construction (2 credits)
Welding - Possible certification that may be earned includes: AWS Basic Welding I; OSHA			
<input type="checkbox"/> Intro to Welding (1 credit)	<input type="checkbox"/> Principles of Manufacturing	<input type="checkbox"/> Welding I <input type="checkbox"/> Welding II (2 credits with prerequisite)	<input type="checkbox"/> Practicum in Manufacturing (2 credits) <input type="checkbox"/> Welding II (2 credits with prerequisite)
Hospitality & Tourism - Possible certification that may be earned includes: Certified Guest Service Professional (CGSP)			
<input type="checkbox"/> Principles of Hospitality & Tourism	<input type="checkbox"/> Travel & Tourism Management	<input type="checkbox"/> Hotel Management	<input type="checkbox"/> Hospitality Services (2 credits) <input type="checkbox"/> Practicum in Hospitality Services (2 credits)

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BUSINESS & INDUSTRY ENDORSEMENT (Unless noted, this endorsement can be earned with 4 credits in a coherent sequence. Please view the MFISD Course Catalog for prerequisites and other specifics)			
Audio Video Technology & Communication- Possible certification that may be earned includes: Final Cut Pro			
<input type="checkbox"/> Principles of AV Tech	<input type="checkbox"/> Audio Visual Production I	<input type="checkbox"/> Audio Visual Production II + Lab (2 credits)	<input type="checkbox"/> Practicum in Audio/Video Production (2 credits)
Business Management- Possible certifications that may be earned include: Microsoft Office Specialist Word; Excel; ASK			
<input type="checkbox"/> Business Information Management	<input type="checkbox"/> Business Management	<input type="checkbox"/> Entrepreneurship (1 credit)	<input type="checkbox"/> Practicum in Business Management (2 credits)
Business Finance- Possible certifications that may be earned include: Microsoft Office Specialist Word; Excel; ASK			
<input type="checkbox"/> Business Information Management	<input type="checkbox"/> Money Matters	<input type="checkbox"/> Accounting <input type="checkbox"/> Statistics & Business Decision Making	<input type="checkbox"/> Accounting <input type="checkbox"/> Statistics & Business Decision Making <input type="checkbox"/> Practicum in Business Management (2 credits)
Information Technology - Possible certifications that may be earned include: CompTia A+; Microsoft Office Specialist (Word, Excel, PowerPoint, Access);CCENT			
<input type="checkbox"/> Principles of Information Technology	<input type="checkbox"/> Computer Maintenance <input type="checkbox"/> Computer Programming I	<input type="checkbox"/> Networking <input type="checkbox"/> AP Computer Science A	<input type="checkbox"/> Computer Technician Practicum (2 credit hours) <input type="checkbox"/> Computer Programming II
Graphic Design - Possible certifications that may be earned include: Adobe Photoshop; Adobe Illustrator			
<input type="checkbox"/> Principles of AV Tech	<input type="checkbox"/> Graphic Design & Illustration I	<input type="checkbox"/> Graphic Design & Illustration II	<input type="checkbox"/> Practicum in Printing & Imaging Technology (2 credits)
Debate			
<input type="checkbox"/> Debate I	<input type="checkbox"/> Debate II	<input type="checkbox"/> Debate III	<input type="checkbox"/> Debate IV or any other English elective
PUBLIC SERVICE ENDORSEMENT (Unless noted, this endorsement can be earned with 4 credits in a coherent sequence. Please view the MFISD Course Catalog for prerequisites and other specifics)			
Health Science - Possible certifications that may be earned include: CNA; EMT Basic; Pharmacy Tech Assistant; CPR; First Aid			
<input type="checkbox"/> Principles of Health Science	<input type="checkbox"/> Child Development	<input type="checkbox"/> Health Science (2 credits) <input type="checkbox"/> Anatomy & Physiology <input type="checkbox"/> Pathophysiology <input type="checkbox"/> Microbiology	<input type="checkbox"/> Practicum EMT (2 credits) <input type="checkbox"/> Practicum Pharmacology
Human Services- Possible certifications that may be earned include: Early Childhood Development			
<input type="checkbox"/> Principles of Human Services	<input type="checkbox"/> Child Development	<input type="checkbox"/> Child Guidance I (2 credits)	<input type="checkbox"/> Practicum in Human Services (2 credits)
STEM ENDORSEMENT (Unless noted, this endorsement can be earned with 4 credits in a coherent sequence. Requires Algebra 2, Chemistry and Physics)			
Engineering (4 Credits)- Possible certifications that may be earned include: FANUC Robotics Controller; AutoCAD			
<input type="checkbox"/> Principles of Applied Engineering	<input type="checkbox"/> Engineering Design & Presentation I Aero <input type="checkbox"/> Engineering Design & Presentation I	<input type="checkbox"/> Robotics	<input type="checkbox"/> Practicum in STEM <input type="checkbox"/> Engineering Design & Problem Solving
Math – 5 Total Math Credits (Completion of TWO additional math courses AFTER completion of Algebra2) - In addition to Chemistry & Physics			
<input type="checkbox"/> Algebra I <input type="checkbox"/> Geometry / PAP Geometry	<input type="checkbox"/> Algebra II/ PAP Algebra II <input type="checkbox"/> AP Computer Science	<input type="checkbox"/> Pre-Calculus / PAP Pre-Calculus <input type="checkbox"/> AP Statistics	<input type="checkbox"/> AP Statistics <input type="checkbox"/> Pre Cal Dual Credit <input type="checkbox"/> AP Calculus AB
Science – 5 Total Science Credits (Completion of TWO additional science courses AFTER completion of Physics – In addition to Algebra 2)			
<input type="checkbox"/> Biology / PAP Biology <input type="checkbox"/> IPC	<input type="checkbox"/> Chemistry / PAP Chemistry <input type="checkbox"/> Physics / AP Physics I	<input type="checkbox"/> Anatomy & Physiology <input type="checkbox"/> AP Biology <input type="checkbox"/> DC Biology <input type="checkbox"/> AP Chemistry <input type="checkbox"/> Medical Pathology <input type="checkbox"/> Physics/AP Physics I / AP Physics II	<input type="checkbox"/> Medical Microbiology (1/2) & Pathophysiology (1/2) <input type="checkbox"/> Forensic Science (check pre-requisites) <input type="checkbox"/> Advanced Animal Science (check pre-requisites)
STEM Combination (3 additional credits chosen from 2 areas in math, Science, and/or Engineering)			

* Please consult your counselor, the MFISD Course Catalog, or the MFISD Academic Guide for additional information on other possible endorsement or pathway course selections.

Rev. 1/9/2017 Students may earn endorsements by completing the pathway requirements in addition to the MFISD Foundation Plan requirements. DC stands for dual credit courses.