

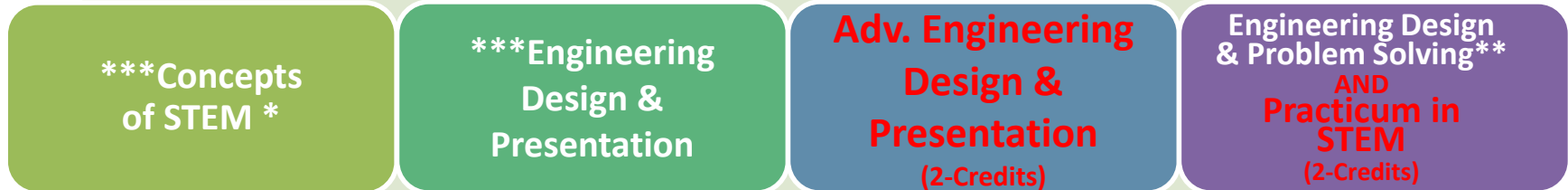
STEM Endorsement

CTE Track

Robotics Pathway- Franklin, Coronado, EPHS, Irvin and Burges



Engineering Design Pathway- Franklin, Irvin and Burges



*Qualifies for District Technology Credit Requirement

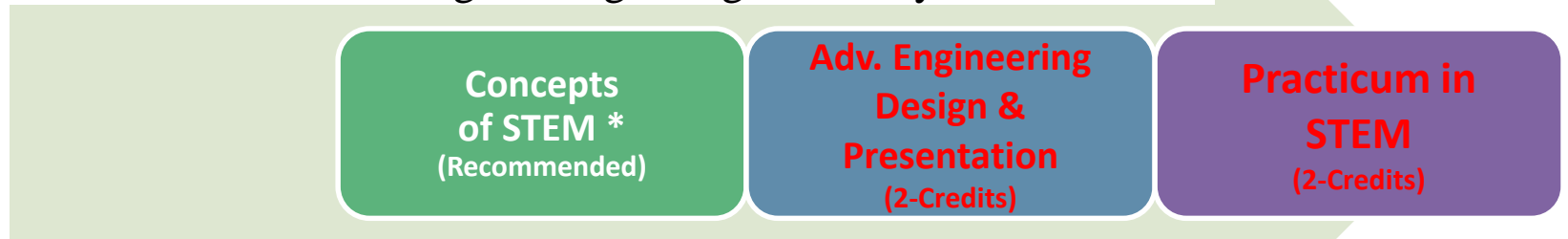
**Qualifies for Advanced Science Credit Requirement

***Suggested Course

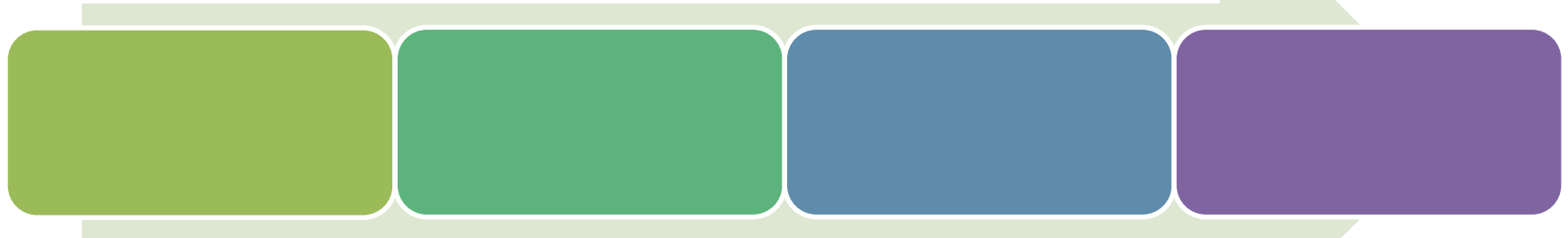
STEM Endorsement

CTE Track

Engineering Design Pathway-CCTE



STEM



*Qualifies for District Technology Credit Requirement

**Qualifies for Advanced Science Credit Requirement

***Recommend, Not Part of EPISD's Dev

STEM Endorsement

CTE Track

Welding for Medical Industry: Jefferson



CNC Robotics for Medical Industry: Jefferson



*Qualifies for District Technology Credit Requirement

**Qualifies for Advanced Science Credit Requirement

STEM Endorsement

CTE Track

Bio-Technology Pathway-Irvin

Concepts
of STEM *

Bio-Technology

Advanced
Bio-Technology*

Anatomy &
Physiology**
Or
Forensics**

Project Lead The Way: Electrical Engineering & Electronics-Chapin

PLTW Introduction
to Engineering
Design*

PLTW Principles of
Engineering Design

PLTW Computer Integrated
Manufacturing OR Digital
Electronics OR Biotechnical
Engineering

Engineering Design &
Development

*Qualifies for District Technology Credit Requirement

**Qualifies for Advanced Science Credit Requirement

STEM Endorsement

CTE Track

Project Lead The Way: Bio-Medical/Bio Technical Engineering-Chapin

PLTW Introduction
to Engineering
Design*

PLTW Principles of
Engineering Design

PLTW Biotechnical
Engineering OR Digital
Electronics OR
Computer Integrated
Manufacturing

PLTW Engineering
Design &
Development

Project Lead The Way: Civil Engineering & Architecture-Chapin

PLTW Introduction
to Engineering
Design*

PLTW Principles of
Engineering Design

PLTW Civil Engineering
& Architecture
AND Interior Design

PLTW Engineering
Design &
Development

*Qualifies for District Technology Credit Requirement

STEM Endorsement

CTE Track

Project Lead The Way: Computer Science AND Computer Engineering-Chapin

PLTW Introduction
to Engineering
Design*

PLTW Principles of
Engineering Design

PLTW Digital
Electronics AND
Computer Integrated
Manufacturing

PLTW Engineering
Design & Development
AND AP Computer
Science

Project Lead The Way: Mechanical & Industrial Engineering-Chapin

PLTW Introduction
to Engineering
Design*

PLTW Principles of
Engineering Design

PLTW Digital
Electronics AND
Computer Integrated
Manufacturing

PLTW Engineering
Design &
Development

*Qualifies for District Technology Credit Requirement

STEM Endorsement

Computer Science Track

Computer Science

Computer
Science 1*

Computer
Science 2

Computer
Science 3

AP Computer Science
A**

STEM Science Track

5-Years Science

Biology

Chemistry

Physics – AP OR
Dual Credit OR
Principles of
Technology

4th Year Advance
Science Credit AND
5th Year Advanced
Science Credit

*Qualifies for District Technology Credit Requirement

**Qualifies for Advanced Mathematics Credit Requirement

STEM Endorsement

STEM Math Track 5-Years Mathematics

Algebra 1

Geometry

Algebra II*

**2-Advanced
Mathematics Courses***
To Complete a Total of
5-Mathematic Credits

Coherent Sequence Track STEM Combination

**Biology AND
Algebra 1
OR Geometry**

Chemistry AND
Geometry OR
Algebra II*****

Physics OR Principles
of Technology** AND
Algebra II ***
OR an Advanced
Mathematics Credit***

1-Advance Science
AND 1-Advanced
Mathematics * AND
1-Additional Advanced
Math* or Science****

*Qualifies for Advanced Mathematics Credit Requirement

**Qualifies for Advanced Science Credit Requirement

***District graduation requirements for Mathematics

Business & Industry Endorsement

CTE Track

Green Energy Technology-Irvin

Concepts
of STEM *

Energy & Natural
Resources
Technology

Advanced
Environmental
Technology

Scientific Research
& Design**

Veterinary Technology-CCTE

Business Information
Multimedia (BIM)*
OR Digital & Interactive
Multimedia (DIM)*
(Recommended)

Anatomy &
Physiology

Practicum
in
AFNR 2

Advanced Animal
Science**

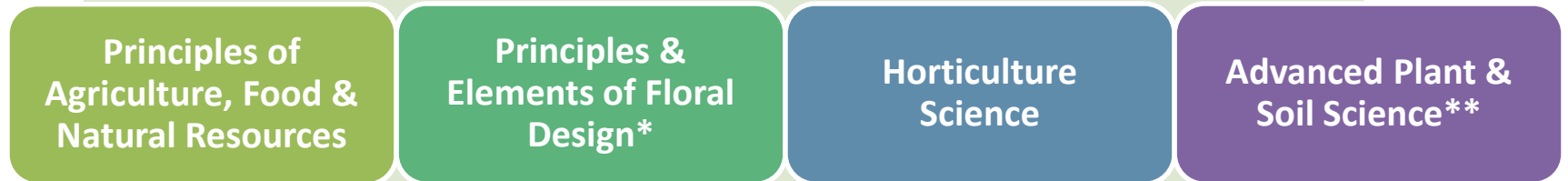
*Qualifies for District Technology Credit Requirement

**Qualifies for Advanced Science Credit Requirement

Business & Industry Endorsement

CTE Track

Floral Design and Landscape-Coronado



Veterinary Technology-Coronado



*Qualifies for a Fine Arts Credit Requirement

**Qualifies for Advanced Science Credit Requirement

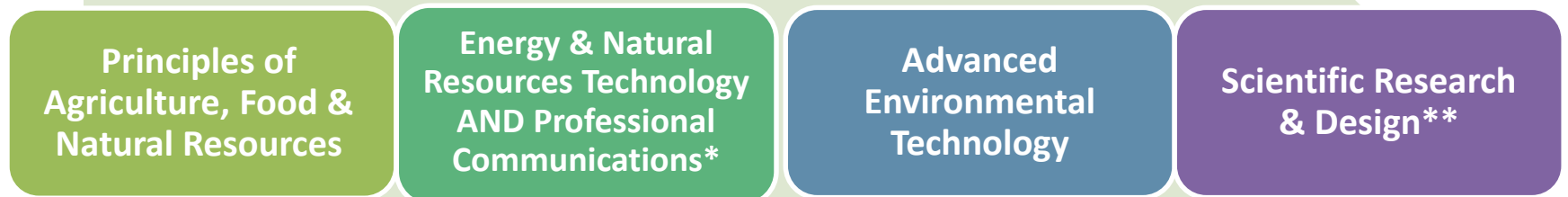
Business & Industry Endorsement

CTE Track

Agriculture Mechanics-Coronado



Green Energy Technology-Coronado



*Qualifies for the District's Speech Credit Requirement

**Qualifies for Advanced Science Credit Requirement

Business & Industry Endorsement

CTE Track

Interior Design-Franklin, Chapin, & Coronado

Interior
Design*

Advanced Interior
Design

Practicum in Interior
Design
(2-Credits)

Architectural Design-Franklin, Irvin & Burges

Concepts of STEM *

Architectural
Design*

Advanced
Architectural
Design

Practicum in
Architectural
Design
(2-Credits)

*Qualifies for the District's Technology Credit Requirement

Business & Industry Endorsement

CTE Track

Architectural Design-CCTE

**Concepts of
Engineering &
Technology ***
(Recommended)

**Advanced
Architectural Design***
(2-Credits)

**Practicum in
Architectural Design**
(2-Credits)

Electrical Technology-CCTE

**Concepts of
Engineering &
Technology ***
(Recommended)

**Advanced
Electrical Technology**
(2-Credits)

**Practicum in
Electrical Technology**
(2-Credits)

*Qualifies for the District's Technology Credit Requirement

Business & Industry Endorsement

CTE Track

Construction Technology-CCTE

Concepts of
Engineering &
Technology *
(Recommended)

Advanced
Construction
Technology
(2-Credits)

Practicum in
Construction
Technology
(2-Credits)

Piping and Plumbing Technology-CCTE

Concepts of
Engineering &
Technology *
(Recommended)

Advanced
Piping & Plumbing
Technology
(2-Credits)

Practicum in
Plumbing & Piping
Technology
(2-Credits)

*Qualifies for the District's Technology Credit Requirement

**Qualifies for Advanced Science Credit Requirement

Business & Industry Endorsement

CTE Track

Audio/Video Technology-CCTE

**Digital Interactive
Multimedia (DIM)***
(Recommended)

**Advanced
Audio/Video
Production***
(2-Credits)

**Practicum in
Audio/Video
Production**
(2-Credits)

Graphic Design & Illustration-CCTE

**Digital Interactive
Multimedia (DIM)***
(Recommended)

**Advanced
Graphic Design &
Illustration***
(2-Credits)

**Practicum in
Graphic Design &
Illustration**
(2-Credits)

*Qualifies for the District's Technology Credit Recommendation

Business & Industry Endorsement

CTE Track

Animation Technology-CCTE

Digital Interactive
Multimedia (DIM)*
(Recommended)

Animation
Technology*
(2-Credits)

Practicum in
Animation
Technology
(2-Credits)

Fashion Design-CCTE

Digital Interactive
Multimedia (DIM)*
(Recommended)

Advanced
Fashion Design
(2-Credits)

Practicum in
Fashion Design
(2-Credits)

*Qualifies for the District's Technology Credit Requirement

Business & Industry Endorsement

CTE Track

Accounting & Finance-Bowie Magnet

Principles of Business,
Finance & Marketing
AND Professional
Communications**

Business Information
Management (BIM)*
AND
Entrepreneurship

Accounting I
AND Global Business
AND Business Law

Accounting II
AND Problems &
Solutions

Marketing-Bowie Magnet

Principles of Business,
Finance & Marketing
AND Professional
Communications**

Business Information
Management (BIM)*

Entrepreneurship
AND/OR
Advertising Sales &
Promotion

Career Prep/
Marketing
Dynamics

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Speech Credit Requirement

Business & Industry Endorsement

CTE Track

Business



Finance



*Qualifies for the District's Technology Credit Requirement

**Qualifies for Advanced Math Credit Requirement

Business & Industry Endorsement

CTE Track

Accounting



Marketing



*Qualifies for the District's Technology Credit Requirement

**Qualifies for Advanced Math Credit Requirement

Business & Industry Endorsement

CTE Track

Animation-Chapin



Medical Administration-CCTE(One Year)



*Qualifies for the District's Technology Credit Requirement

**Qualifies for Advanced Science Credit Requirement

Business & Industry Endorsement

CTE Track

Culinary Arts-CCTE



Organic Food Processing-Bowie



*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Health Credit Requirement

***Qualifies for Advanced Science Credit Requirement

Business & Industry Endorsement

CTE Track

Automotive Collision Repair & Refinishing-

CCTE

Concepts of Engineering
& Technology*
OR Business Information
Multimedia (BIM)*
(Recommended)

Collision Repair &
Refinishing
(2-Credits)

Advanced
Collision Repair
(2-Credits)

Machining Technology CCTE

Concepts of Engineering
& Technology*
OR Business Information
Multimedia (BIM)*
(Recommended)

Advanced
Precision Metal
Manufacturing
(2-Credits)

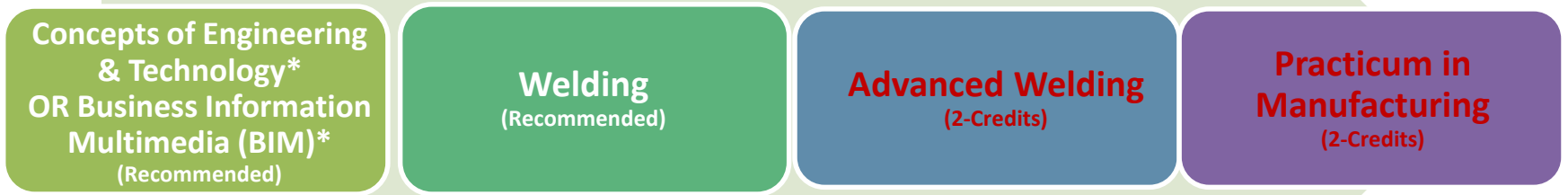
Practicum in
Manufacturing
(2-Credits)

*Qualifies for the District's Technology Credit Requirement

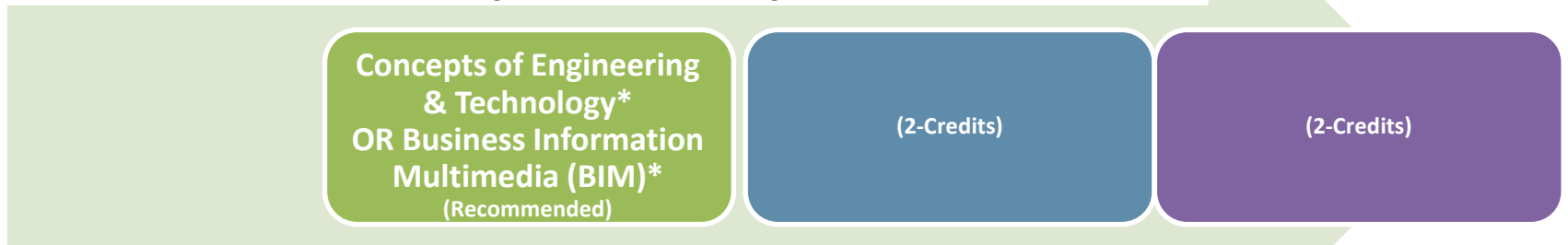
Business & Industry Endorsement

CTE Track

Metal Trades (Welding)-Jefferson



Laser Welding and Machining – Jefferson(Not Available)



*Qualifies for the District's Technology Credit Requirement

Business & Industry Endorsement

CTE Track

Automotive Technology-CCTE

Concepts of Engineering
& Technology*
OR Business Information
Multimedia (BIM)*
(Recommended)

Advanced
Automotive
Technology
(2-Credits)

Practicum in
Automotive
Technology
(2-Credits)

Diesel Technology-CCTE

Concepts of Engineering
& Technology*
OR Business Information
Multimedia (BIM)*
Recommended

Advanced
Automotive
Technology-Diesel
(2-Credits)

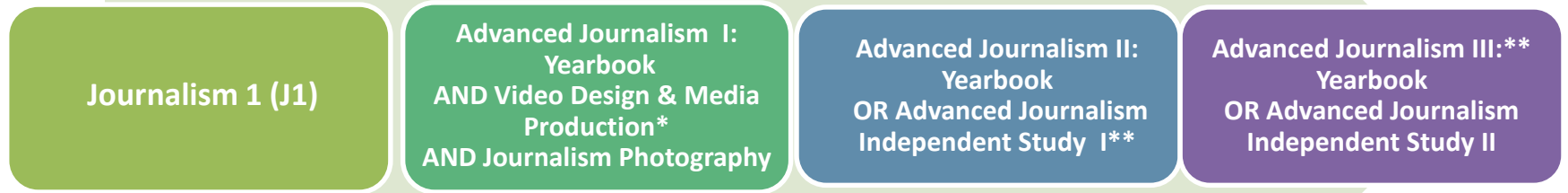
Practicum in
Automotive
Technology-Diesel
(2-Credits)

*Qualifies for the District's Technology Credit Requirement

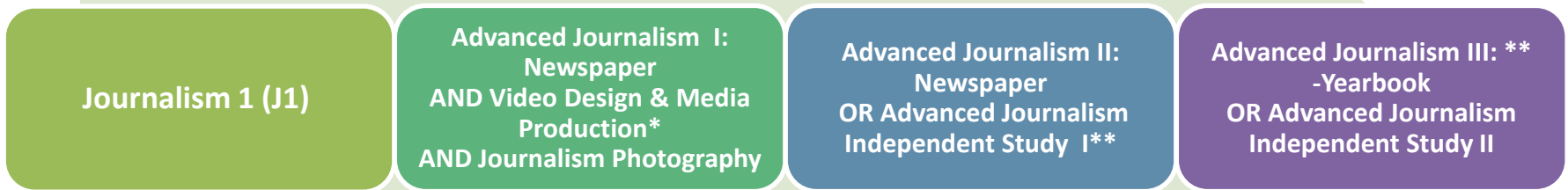
Business & Industry Endorsement

English Track

Journalism-Yearbook



Journalism-Newspaper



*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Advanced English Credit Requirement

Business & Industry Endorsement

English Track

Journalism-Broadcast Journalism (Chapin, Coronado & Jefferson)

Journalism 1 (J1)

Advanced Journalism I:
-Broadcast Journalism
AND Video Design & Media
Production*
AND Journalism Photography

Advanced Journalism II:
-Broadcast Journalism
OR Advanced Journalism
Independent Study I**

Advanced Journalism III:**
Broadcast Journalism
OR Advanced Journalism
Independent Study II

Journalism-Literary Magazine

Journalism 1 (J1)

Advanced Journalism I:
-Lit Magazine
AND Video Design & Media
Production*
AND Journalism Photography

Advanced Journalism II:
Lit Magazine
OR Advanced Journalism
Independent Study 1

Advanced Journalism 3
-Yearbook
OR Advanced Journalism
Independent Study 2

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Advanced English Credit Requirement

Business & Industry Endorsement

English Track

Debate



Public Speaking



*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Advanced English Credit Requirement

Public Services Endorsement

CTE Track

Nursing (CNA)-CCTE

**Business Information
Multimedia (BIM)***
Recommended

Anatomy & Physiology *
AND Medical Term**
AND Principles HST**
(4-Credits Total)

**Practicum in
Health Science CNA**
AND Medical Administration**
(4-Credits Total)

Emergency Medical Technician (EMT)-CCTE

**Business Information
Multimedia (BIM)***
Recommended

Anatomy & Physiology *
AND Medical Term**
AND Principles HST**
(4-Credits Total)

**Practicum in
Health Science EMT**
AND Medical Administration**
(4-Credits Total)

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Health Credit Requirement

***Qualifies for Advanced Science Credit Requirement

Public Services Endorsement

CTE Track

Pharmacy Technician-CCTE

**Business Information
Multimedia (BIM)***
Recommended

Anatomy & Physiology *
AND Medical Term
AND Principles HST**
(4-Credits Total)

**Practicum in
Health Science 1 PHRM**
AND Health Science 2 PHRM**
(4-Credits Total)

Sports Medicine-CCTE

**Business Information
Multimedia (BIM)***
Recommended

Anatomy & Physiology *
AND Medical Term
AND Principles HST**
(4-Credits Total)

**Sports Medicine 1 & 2
AND Scientific Research and
Design 1 & 2*****
(4-Credits Total)

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Health Credit Requirement

***Qualifies for Advanced Science Credit Requirement

Public Services Endorsement

CTE Track

Nursing (CNA)-Silva Health Magnet

Business Information
Multimedia (BIM)*
AND Principles of
Health Science

Health
Science 1**

Practicum in Health
Science Rotations
(2-Credits)
AND Anatomy &
Physiology***

Practicum in
Health Science 2 CNA
(2-Credits)
AND Medical Micro-Biology
AND Pathophysiology***
AND World Health

Physician and Allied Health Careers-Silva Health Magnet

Business Information
Multimedia (BIM)*
AND Principles of Health
Science

Health
Science 1**

Practicum in Health
Science Rotations
(2-Credits)
AND Anatomy &
Physiology***

Practicum in
Health Science 2 CNA
(2-Credits)
AND Medical Micro-Biology
AND Pathophysiology***
AND Bio-Technology***

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Health Credit Requirement

***Qualifies for Advanced Science Credit Requirement

Public Services Endorsement

CTE Track

Vocational Nursing (VN)-Silva Health Magnet

Business Information
Multimedia (BIM)*
AND Principles of
Health Science

Health
Science 1**

Practicum in Health
Science VN
(2-Credits)
AND Anatomy &
Physiology***
AND World Health Research

Practicum in
Health Science 2 LVN
(3-Credits)
AND Counseling and Mental
Health

Forensic Research-Silva Health Magnet

Business Information
Multimedia (BIM)*
AND Principles of Health
Science AND
Medical Terminology

Health
Science 1**

Practicum in Health
Science Rotations
(2-Credits)
AND Anatomy &
Physiology***

Medical
Micro-Biology***
AND Forensics***
AND Bio-Technology***

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Health Credit Requirement

***Qualifies for Advanced Science Credit Requirement

Public Services Endorsement

CTE Track

Pharmacy Technician-Silva Health Magnet

Business Information
Multimedia (BIM)*
AND Principles of
Health Science

Health
Science 1**

Practicum in Health
Science Rotations
(2-Credits)
AND World Health Research

Practicum in
Health Science 2 Pharmacy
(2-Credits)
AND Medical Micro-Bio***
AND Pathophysiology***

Physical Therapy Technician-Silva Health Magnet

Business Information
Multimedia (BIM)*
AND Principles of Health
Science AND
Medical Terminology

Health
Science 1**

Practicum in Health
Science Rotations
(2-Credits)
AND Anatomy &
Physiology***

Practicum in
Health Science 2 Physical
Therapy
(2-Credits)

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Health Credit Requirement

***Qualifies for Advanced Science Credit Requirement

Public Services Endorsement

CTE Track

Legal–Austin Public Service Academy

Principles of Law
AND Business Information
Multimedia (BIM)*
OR Digital & Interactive
Multimedia (DIM)*
(Recommended)

Principles of
Government and Public
Administration
AND Professional
Communications

Law Enforcement I
AND Court Systems
AND Business Law

Practicum in
Law Enforcement
(2-Credits)
AND Forensics***

Fire Fighter–Austin Public Service Academy

Principles of Law
AND Business Information
Multimedia (BIM)*
OR Digital & Interactive
Multimedia (DIM)*
(Recommended)

Principles of
Government and Public
Administration
AND Professional
Communications

Law Enforcement
AND Court Systems
AND Business Law

Practicum in
Law Enforcement
(2-Credits)
AND Forensics***

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Speech Credit Requirement

***Qualifies for the Advanced Science Credit Requirement

Public Services Endorsement CTE Track

Fire Fighter-Austin Public Service Academy

Principles of Law
AND Business Information
Multimedia (BIM)*
OR Digital & Interactive
Multimedia (DIM)*
(Recommended)

Professional
Communications**
AND Fire Fighter 1

Fire fighter 2
(2-Credits)
AND Principles of
Health Science
AND Medical Terminology

Practicum in
Law Enforcement
(2-Credits)
AND Forensics***

Law Enforcement Homeland Security-CCTE

Business Information
Multimedia (BIM)*
OR Digital & Interactive
Multimedia (DIM)*
(Recommended)

Introduction of Law
Enforcement
(Recommended where offered)

National Security-Aspects
and Homeland Security
(2-Credits)

Introduction to Criminal
Justice-Combating Terrorism
AND Weapons of Mass
Destruction
(2-Credits)

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Speech Credit Requirement

***Qualifies for the Advanced Science Credit Requirement

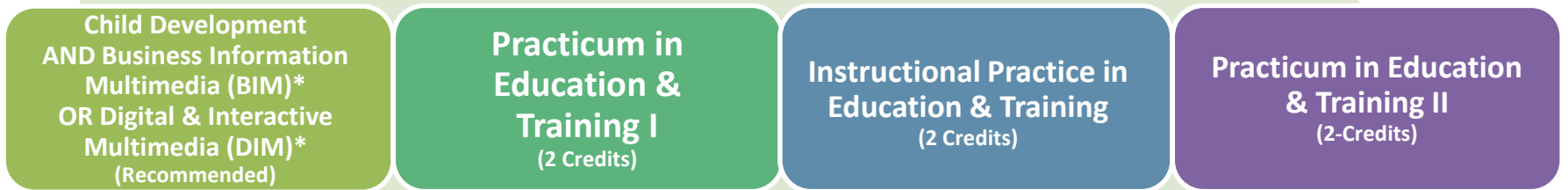
Public Services Endorsement

CTE Track

Early Childhood (CDL)



Teacher Education Program (BTEP)-Burgess



*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Speech Credit Requirement

***Qualifies for the Advanced Science Credit Requirement

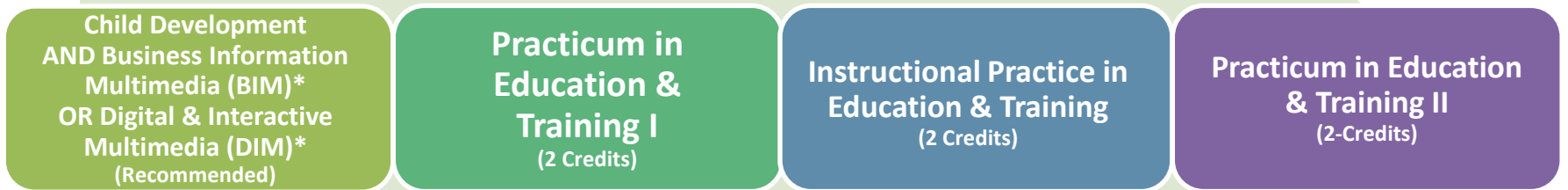
Public Services Endorsement

CTE Track

Early Childhood (CDL)



Teacher Education Program (BTEP)-Burgess



*Qualifies for the District's Technology Credit Requirement

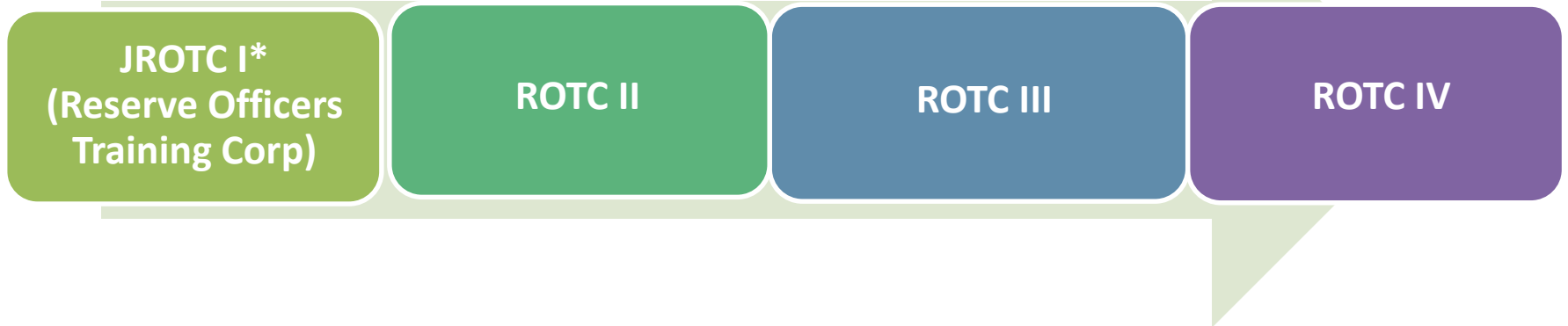
**Qualifies for the District's Speech Credit Requirement

***Qualifies for the Advanced Science Credit Requirement

Public Services Endorsement

ROTC Track

Junior ROTC



*Qualifies for the PE Credit Requirement

Fine Arts Endorsement

Fine Arts Track

Instrumental Music-Band



Marching Band/Jazz Band



*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Fine Arts Credit Requirement

***Qualifies for the PE Credit Requirement

Fine Arts Endorsement

Fine Arts Track

Instrumental Music-Strings

Orchestra I**
AND Music & Media
Communication*

Orchestra II
AND Music Theory I

Orchestra III
AND Music Theory II
AND Instrumental 1 String
Ensemble

Orchestra IV
AND Music Theory AP
AND Instrumental II
String Ensemble

Choral Music

Choir I**
AND Music & Media
Communication*

Choir II
AND Music Theory I

Choir III
AND Music Theory II
AND Vocal Ensemble I

Orchestra IV
AND Music Theory AP
Vocal Ensemble II

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Fine Arts Credit Requirement

Fine Arts Endorsement

Fine Arts Track

Piano



Guitar



*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Fine Arts Credit Requirement

Fine Arts Endorsement

Fine Arts Track

Piano



Choral Music



*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Fine Arts Credit Requirement

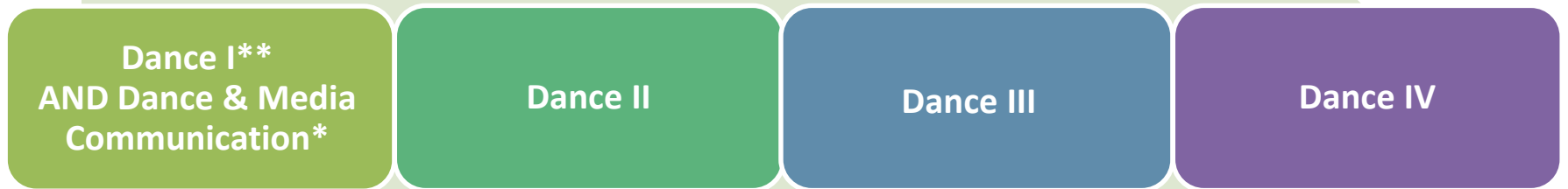
Fine Arts Endorsement

Fine Arts Track

Theater



Dance



*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Fine Arts Credit Requirement

Fine Arts Endorsement

Fine Arts Track

Visual Arts-Drawing



Visual Arts-Painting



*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Fine Arts Credit Requirement

Fine Arts Endorsement

Fine Arts Track

Visual Arts-Sculpture

Art I Sculpture**
AND Art & Media
Communication*

Art II-Sculpture

Art III-Sculpture

Art IV-Sculpture

Visual Arts-Electronic Media

Art I Electronic Media**
AND Art & Media
Communication*

Art II-Electronic
Media

Painting III-Electronic
Media

Painting IV-Electronic
Media

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Fine Arts Credit Requirement