



Basha High School

Career and Technical Education

2021-2022



Marketing

Marketing I (Grades 9-12)

Marketing II (Grades 10-12)

Prerequisite: Marketing I

***School Based Enterprise** (Grades 11-12)

Prerequisite: Marketing II

Dual Credit:

- *Principles of Marketing, 3 credits*



Engineering

Honors Introduction to Engineering Design - PLTW

(Grades 9 -12)

Honors Principles of Engineering - PTLW

(Grades 10 -12)

Prerequisite: Intro to Engineering

Honors Digital Electronics - PLTW

(Grades 11-12)

Prerequisites: Intro and Principles of Engineering

Dual Credit courses:

- *Engineering Analysis Tools and Techniques, 2 credits*
- *Engineering Problem-Solving and Design, 2 credits*

Health Sciences

Biotechnology I

(Grades 10-12)

Prerequisite: Biology

Biotechnology II

(Grade 11-12)

Prerequisite: Biotech I

**Dual Credit available through University of Arizona*

BACE Lab Tech Certification



Sports Medicine I

(Grades 9-12)

Sports Medicine II

(Grades 10-12)

Prerequisite: Sports Med I

Certifications:
CPR - Year 1
OSHA - Year 2

Medical Professions I

(Grade 11)

Dual Credit:

- *Fundamentals In Health Care Delivery, 3 credits*
- *Medical Terminology for Health Care Workers I, 1 credit*

Medical Professions II

(Grade 12)

Prerequisite: Med Professions I

Certifications: CNA/LNA



Track 1

Plants, Animals and Leadership
(Grades 9-11)

*** Agriculture Engineering**
(Grade 10 -12)
Prerequisite: Co-Enrolled or AgriScience II

Ag Business Management
(Grade 12)
≈Economics Credit≈

Agriculture Education

AgriScience I

(Grades 10-12)

Prerequisite: PALs OR ABS
~Dual Enrollment through MCC

AgriScience II

(Grades 10-12)

Prerequisite: AgriScience I

OR

Ag Business Management Cooperative
(Grade 12)

≈Economics Credit≈

Prerequisite: Co-Enrolled or AgriScience II
~Dual Enrollment through MCC

Track 2

Applied Biological Systems
(Grades 9-12)

≈ Biology Credit ≈

****Completion of Ag 1 & Ag II equals 1 lab science credit and 1 elective credit****

Industrial Education



Graphic Design

Graphic Design I
(Grades 9-12)

Graphic Design II*
(Grades 10-12)

Prerequisite: Graphic Design I
Screen Printing*

**Certification: Adobe
Certified Associate Exam**

Digital Photography

Digital Photography I
(Grades 9 -12)

Digital Photography II*
(Grades 10 -12)

Prerequisite: Digital Photography I

Multimedia and Film

Multimedia and Film I
(Grades 9-12)

Multimedia and Film II*
(Grades 10-12)

*Live Stream School
Events!*

Cyber Security

Year One – Cyber
(Grades 9, 10, 11, 12)
Dual Credit: (9 credits)

- Introduction to Computer Systems
- Hardware & Software Config and Support

Leads to Certifications:
CompTIA A+ & IT Fundamentals



Year Two – Cyber
(Grades 10, 11, 12)
Prerequisite: Year 1
Dual Credit: (12 credits)

- Linux OS and Advanced Linux
- Intro to LAN and Security Fundamentals – Cisco

Leads to Certifications:
CSX, RHCSA, Linux+ & Network+



Year Three – Cyber
(Grades 11, 12)
Prerequisite: Year 2
Dual Credit: (6 credits)

- Security Fundamentals and Network Defense

Leads to Certification:
Security+



Year Four – Cyber
(Grade 12)
Prerequisite: Year 3
Dual Credit: (6 credits)

Python and Internship/Special Project or Special Projects
Leads to Internship / Special Project

Computer Science

1. AP CSP: Computer Science Principles
2. AP CSA: Fundamentals of Programming in Java
3. Python Programming (Cisco-Dual Enrollment) *coming soon...*

Culinary Arts



Culinary 1
(Grades 9-11)

Culinary II
(Grades 10-12)

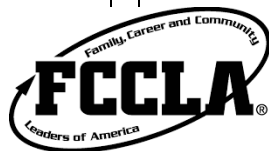
Prerequisite: Culinary I and instructor approval

***Culinary III**
(Grades 11-12)

Prerequisite: Culinary I and II and instructor approval

Certification Options:

- Maricopa County Food Handlers in all levels
- ServSafe Managers Certification offered in Cul 2/3



Early Childhood Education

Early Childhood Education I
(Grades 9-12)

Early Childhood Education II
(Grades 10-12)

Prerequisite: Early Childhood I

Dual Credit courses:

- *The Developing Child: Prenatal to Age Eight, 3 credits*
- *Early Learning: Health, Safety, Nutrition & Fitness, 3 credits*
- *Early Learning: Language Acquisition & Literacy Development, 3 credits*

Early Childhood Professions I
(Grades 11-12)

Prerequisite: Early Childhood I and II

Early Childhood Professions II
(Grade 12)

Prerequisite: Completion or Concurrent Enrollment in Early Childhood Professions I

Certification Options:

Praxis ParaPro Certificate and/or National Credential CDA



*** These courses may be repeated for credit**