

C T E **AREER ECHNICAL EDUCATION**

PROGRAM

GUIDE

CAREER. READY.



MCKAY HIGH SCHOOL 2023-24

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CTE PROGRAMS AT MCKAY

AGRICULTURAL SCIENCE

- Explore a wide variety of experiences related to agriculture, animal science, horticulture, soil conservation, and veterinary medicine in a real-world lab.
- Use advanced technology and equipment to grow and maintain sustainable landscapes and farm-to-table produce.
- Garner skills in veterinary medicine through practical application.

AUDIO TECH

- Create music, film, and TV master recordings as an audio engineer and producer
- Express your own unique sound alongside other creative individuals
- Develop, produce, and deliver a wide range of soundtracks using advanced equipment, mixers, and sound effects technology

AUTOMOTIVE TECH

- Work on foreign and domestic cars, trucks, and hybrid vehicles in a high-tech precision industry
- Use the same advanced diagnostic and repair equipment as industry professionals to troubleshoot complex automotive systems
- Maintain, repair, and fine-tune a wide range of vehicle engines alongside an ASE Master
- Use advanced welding techniques and fabrication equipment to join, cut, bend, and manipulate materials for industrial and artistic applications

BUSINESS/MARKETING

- Design and implement powerful advertising campaigns and business plans to deliver innovative products and services to customers.
- Use professional software and techniques to create vibrant business publications, presentations, social media, and apps
- Develop a competitive business mindset by operating successful student enterprises
- Create strategic business plans and retail marketing campaigns using a wide range of entrepreneurial and managerial resources
- Utilize professional business and financial tools, software, and practices to achieve sound financial management

CONSTRUCTION TECH

- Design, manage, and build a variety of structures and products from concept to completion
- Interpret plans and specifications to construct custom products from raw materials
- Work independently and in teams in all aspects of construction including framing, roofing, plumbing, wiring, and finishing

CULINARY ARTS

Culinary Arts is a laboratory program. In it, students will:

- Address the fundamentals and principles of the art of cooking and the science of baking
- Be introduced to the culinary world and various types of service.
- Learn to scale recipes and practice professional attitudes and hone employability skills.

ENGINEERING TECH

- Use tools and techniques found in robotics, electronics, Computer-Aided Design (CAD), and Computer-Aided Machining (CAM) technologies
- Find creative solutions to complex engineering challenges while working individually and in teams
- Visualize and construct 3D models and prototypes

HEALTH SERVICES

- Experience the passion of providing quality patient care in a variety of healthcare settings
- Work alongside a registered nurse in a clinical environment to perform various tests and procedures, and receive real certifications.
- Provide therapeutic treatments, take vital signs, and transfer patients in a long-term care facility

SET UP FOR SUCCESS

PROFESSIONAL SKILLS

PERSONAL MANAGEMENT

- Punctuality & attendance
- Goal setting
- Appropriate dress

COMMUNICATION

- Verbal & written communication
- Differences in communication styles
- Providing & receiving feedback

ACCOUNTABILITY

- Production of high quality work
- Accepting responsibility
- Safe use of equipment
- Focus and effort on the task
- Problem solving & decision making

COLLABORATION

- Decision-making
- Ownership of projects
- Conflict resolution
- Cooperation with peers

DUAL CREDIT OPTIONS

AGRICULTURAL SCIENCE

Biotechnology - Willamette
Promise/WOU

AUTOMOTIVE

Adv Auto Engine Systems -
Chemeketa CC

CONSTRUCTION

Woods I & II - Portland CC
Construction Fund - Portland CC

HEALTH SERVICES

Health Services I - Chemeketa CC
Med Term I & II - Chemeketa CC

NOTE: If you plan on going to a 4-year college, you will need to take a foreign language as your elective for at least two years (four consecutive semesters)! McKay currently offers Spanish & French.

'23-24 COURSE PLANNING

FRESHMAN YEAR

Semester 1

- 1 >ENGLISH 9 LIT
- 2 >ALGEBRA I / GEOMETRY
- 3 >WORLD SOC SCI
- 4 >NGSS PHYSICS
- 5 >WELLNESS
- 6 >CTE ELECTIVE
- 7 >ELECTIVE
- 8 >ELECTIVE

Semester 2

- 1 >ENGLISH 9 COMP
- 2 >ALGEBRA I / GEOMETRY
- 3 >WORLD SOC SCI
- 4 >NGSS PHYSICS
- 5 >P.E.
- 6 >CTE ELECTIVE
- 7 >ELECTIVE
- 8 >ELECTIVE

AG SCIENCE & TECH

AUDIO TECH

AUTOMOTIVE

MARKETING / BUSINESS

Take both:
Intro to Ag I
Intro to Ag II

Recording Arts & Engineering **&/OR**
Studio Production

Auto Tech I
Auto Tech II

OR
Manuf. I
Manuf. II

(Manufacturing courses can also count in Ag program)

Intro to Business
AND
Marketing I
or
Banking & Financial Literacy

CONSTRUCTION

CULINARY ARTS

ENGINEERING

HEALTH SERVICES

Woods I
Woods II

Food Essentials
Cul Fundamentals

Intro to
Engineering

Intro to Health
Services

Already took one of these courses in middle school? Great! Talk with your program teachers to determine the best place for you to start!

SOPHOMORE YEAR

Semester 1

- 1 >ENGLISH 10 LIT
- 2 >GEOMETRY / ALG II C
- 3 >SOC SCIENCE AP
- 4 >NGSS CHEMISTRY
- 5 >WELLNESS II
- 6 >CTE ELECTIVE
- 7 >ELECTIVE
- 8 >ELECTIVE

Semester 2

- 1 >ENGLISH 10 COMP
- 2 >GEOMETRY / ALG II C
- 3 >SOC SCIENCE (AP)
- 4 >NGSS CHEMISTRY
- 5 >P.E. ELECTIVE
- 6 >CTE ELECTIVE
- 7 >ELECTIVE
- 8 >ELECTIVE

AG SCIENCE & TECH

AUDIO TECH

AUTOMOTIVE

MARKETING / BUSINESS

Animal Science*

Audio & Music
Production I

AND
Audio & Music
Production II

Take both:

-Adv Auto: Chassis
Systems / Engine
Systems

-Adv Auto Tech
Lab

OR take:
Diesel I

Marketing I
Marketing II
OR
Adv Banking
Practices

CONSTRUCTION

CULINARY ARTS

ENGINEERING

HEALTH SERVICES

Woods I
Woods II
(if not taken before)

Culinary I

Principles of
Eng Design

Health Services I

'23-24 COURSE PLANNING

JUNIOR YEAR

Semester 1

- 1 >ENGLISH LIT 11 (AP)
- 2 >ALGEBRA II / PRE-CALC
- 3 >SCIENCE ELECTIVE
- 4 >US GOV
- 5 >CTE ELECTIVE
- 6 ELECTIVE
- 7 ELECTIVE
- 8 ELECTIVE

AG SCIENCE & TECH	AUDIO TECH	AUTOMOTIVE	MARKETING / BUSINESS
Vet Science I*	Audio Production and Tech Leadership	<u>Take both:</u> -Adv Auto: Chassis Systems / Engine Systems -Adv Auto Tech Lab <u>OR take:</u> Diesel II	Marketing III Marketing IV <u>OR</u> Adv Banking Mgmt

Semester 2

- 1 >ENGLISH COMP 11 (AP)
- 2 >ALGEBRA I I / PRE-CALC
- 3 >SCIENCE ELECTIVE
- 4 >ECONOMICS
- 5 >CTE ELECTIVE
- 6 ELECTIVE
- 7 ELECTIVE
- 8 ELECTIVE

CONSTRUCTION	CULINARY ARTS	ENGINEERING	HEALTH SERVICES
Construction Fundamentals	Restaurant Management I	Sustainable Engineering & Design	<u>Take both:</u> Med Terminology I Med Terminology II

SENIOR YEAR

Semester 1

- 1 >ENGLISH LIT 12 (AP)
- 2 CTE ELECTIVE
- 3 CTE ELECTIVE
- 4 ELECTIVE / RELEASE
- 5 ELECTIVE / RELEASE
- 6 ELECTIVE / RELEASE
- 7 ELECTIVE / RELEASE
- 8 ELECTIVE / RELEASE

AG SCIENCE & TECH	AUDIO TECH	AUTOMOTIVE	MARKETING / BUSINESS
Vet Science II*	Advanced Course TBD	<u>Take both:</u> -Adv Auto: Chassis Systems / Engine Systems -Adv Auto Tech Lab <u>OR take:</u> Diesel II (if not taken before)	Business Management

Semester 2

- 1 >ENGLISH COMP 12 (AP)
- 2 CTE ELECTIVE
- 3 CTE ELECTIVE
- 4 ELECTIVE / RELEASE
- 5 ELECTIVE / RELEASE
- 6 ELECTIVE / RELEASE
- 7 ELECTIVE / RELEASE
- 8 ELECTIVE / RELEASE

CONSTRUCTION	CULINARY ARTS	ENGINEERING	HEALTH SERVICES
Construction Tech	Restaurant Management II	Sustainable Engineering & Design II	Nursing Fundamentals <u>OR</u> Health Services II <u>OR</u> Pharmacology

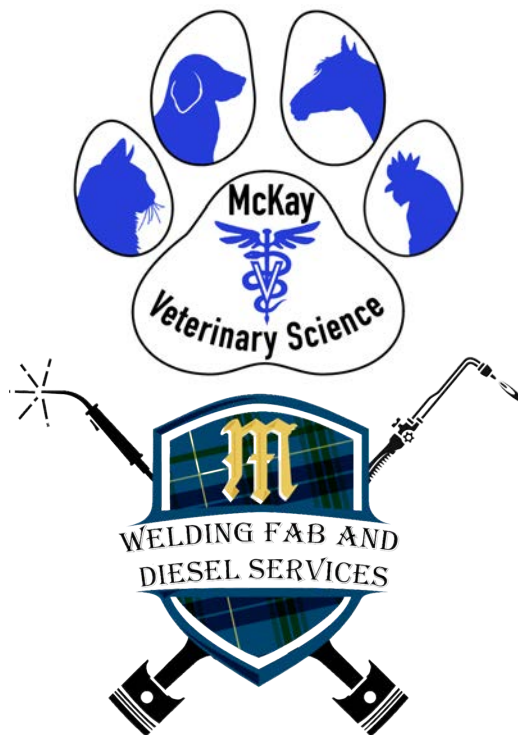
> Graduation requirement

*These courses count as your science credit too!

AGRICULTURAL SCIENCE



Teacher:
Gerald Hosler, Rm. C103



QUICK FACTS:



Join Salem-Keizer FFA!

Pathways:
(1) Veterinary Science
(2) Manufacturing

Get TVMA* & Tractor Driving Certification!

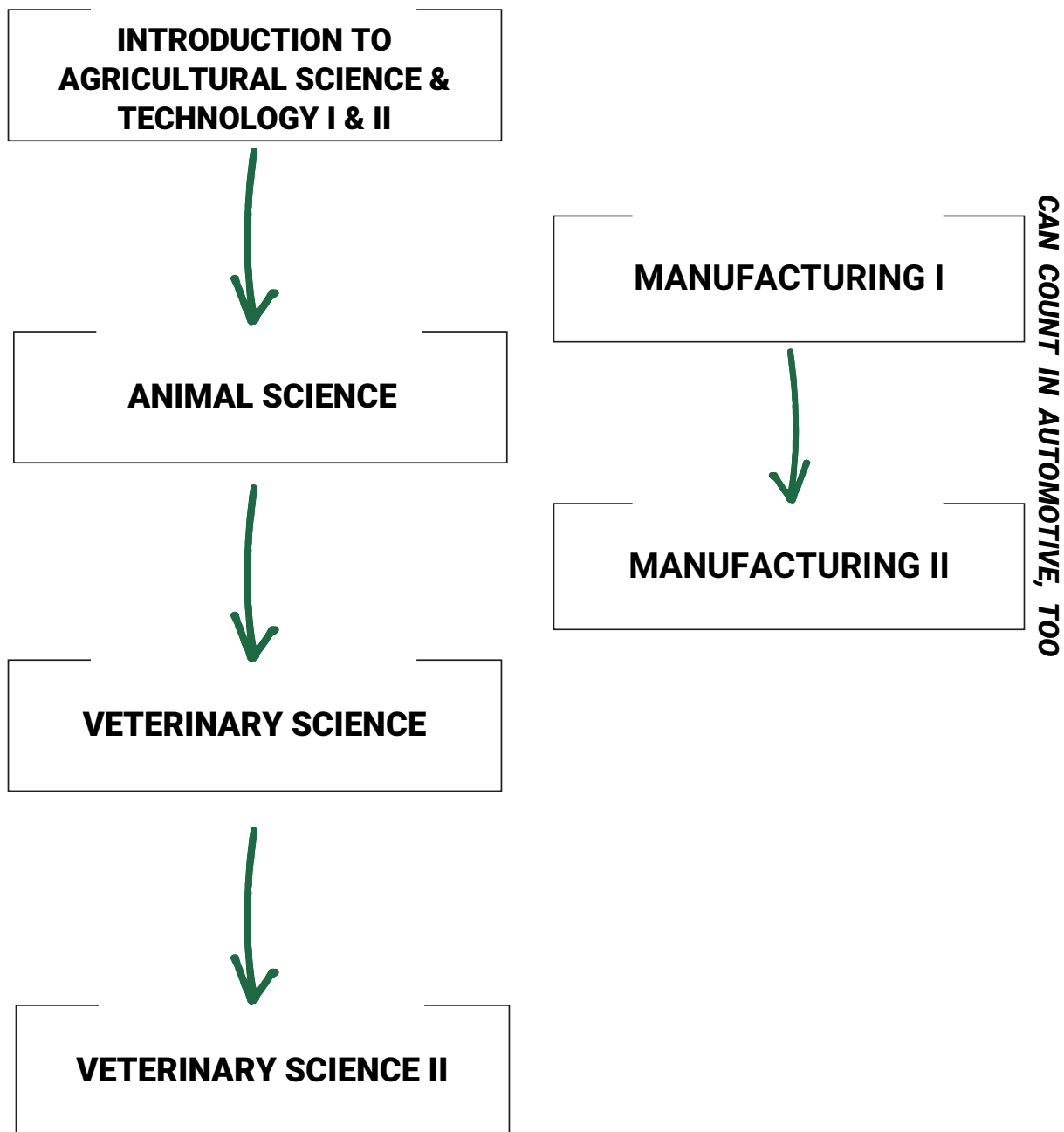
Fulfill required science credits



CAREER FOCUS:

- Veterinarian
- Livestock Specialist
- Agricultural Technician

PROGRAM PATHWAYS:



AGRICULTURAL SCIENCE

AUDIO TECH



Teacher:
Kenneth Freeman, Rm.
241/242

QUICK FACTS:



Work as an
audio engineer
for McKay
events and
beyond



Pathway:
(1) Audio &
Music Prod.

Make & remix
Music!



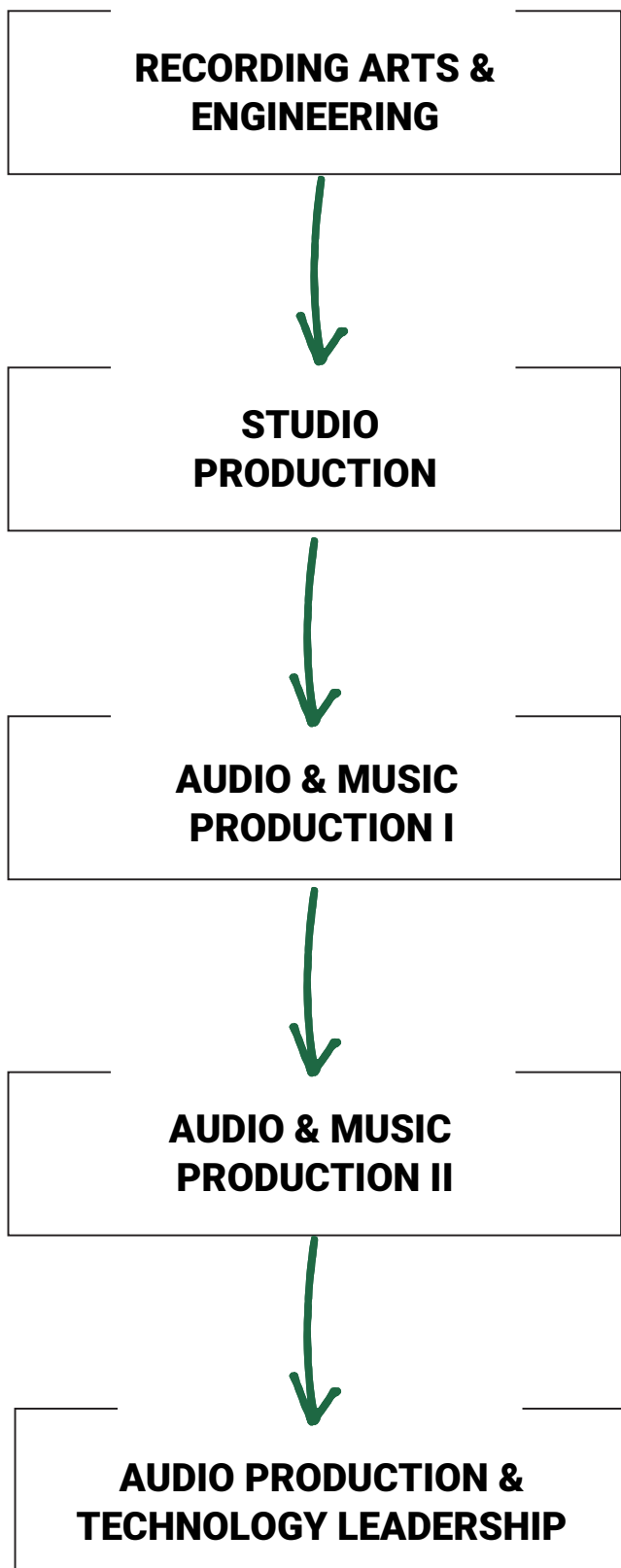
Create a
Podcast &/or
radio files



CAREER FOCUS:

- Studio Engineer
- Live Audio Engineer
- DJ/Remixer

PROGRAM PATHWAYS:



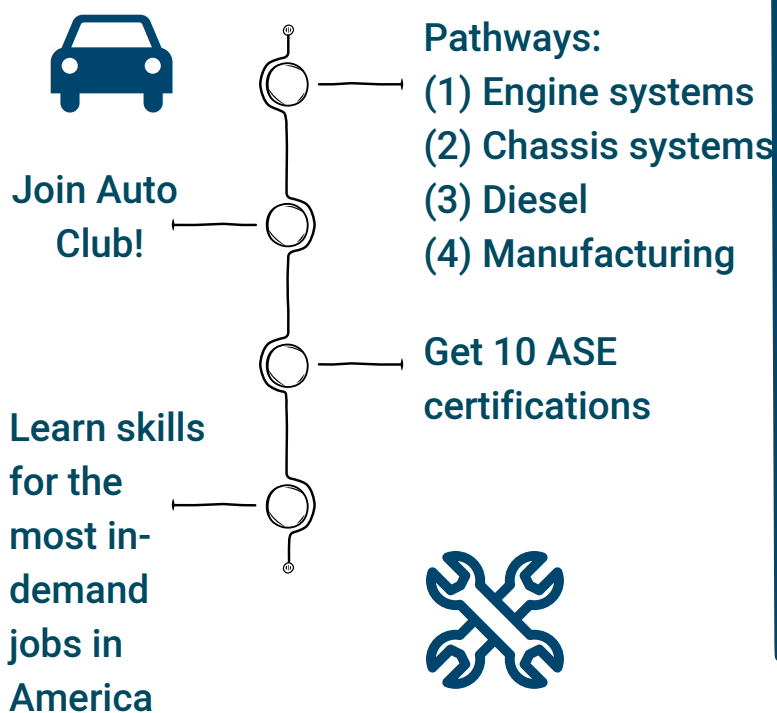
AUTOMOTIVE TECH



Teachers:

Noel Thiel, Rm. 125

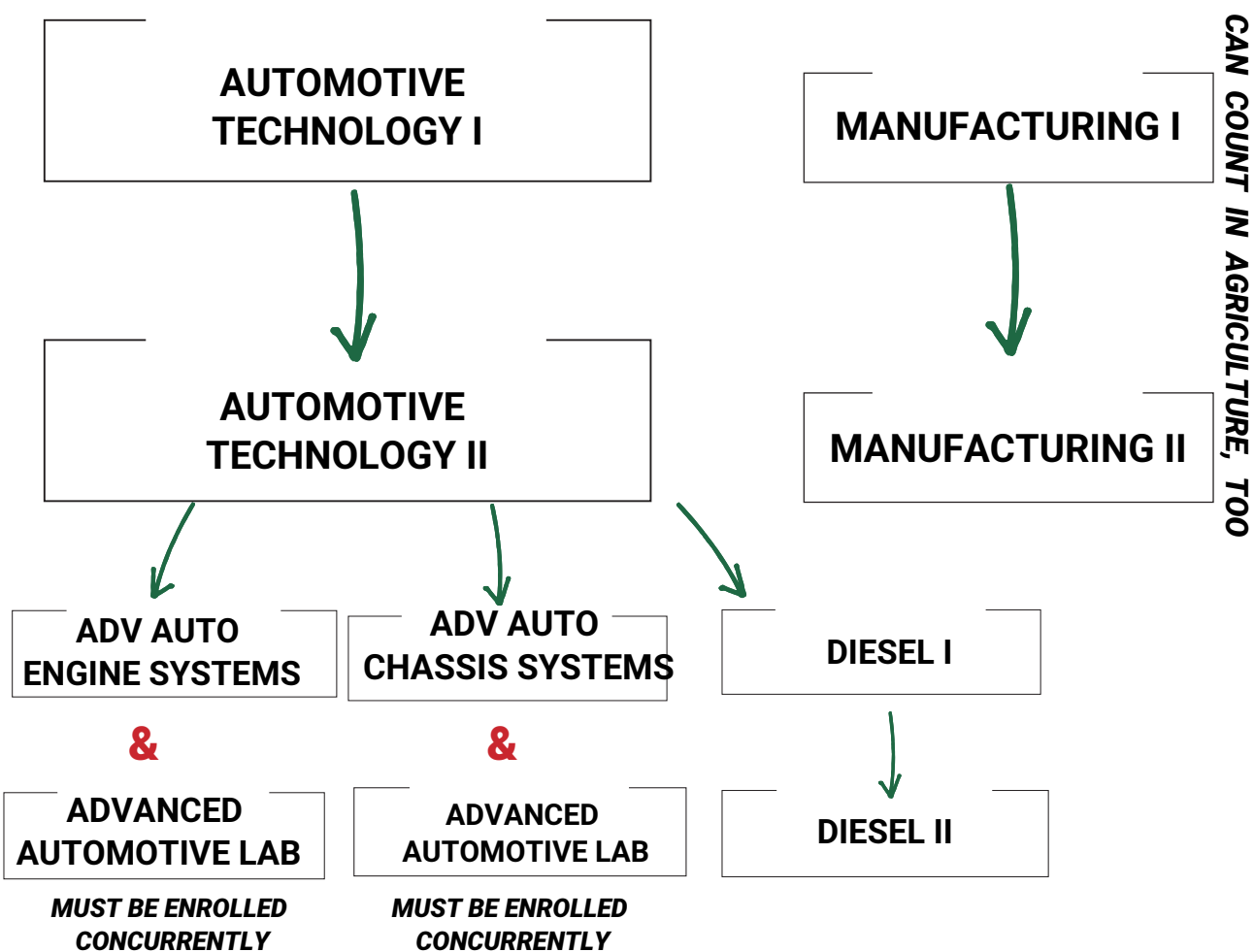
Joseph Billington, Rm. 124



CAREER FOCUS:

- Automotive Technician
- Welding Technician
- Diesel Mechanic

PROGRAM PATHWAYS:



AUTOMOTIVE TECH

BUSINESS & MARKETING



Teacher(s):

Roy Adams, Rm. 129

Marcia Latta, Rm. 131



Pathways:

- (1) Banking
- (2) Marketing

Create
Business &
Marketing
plans



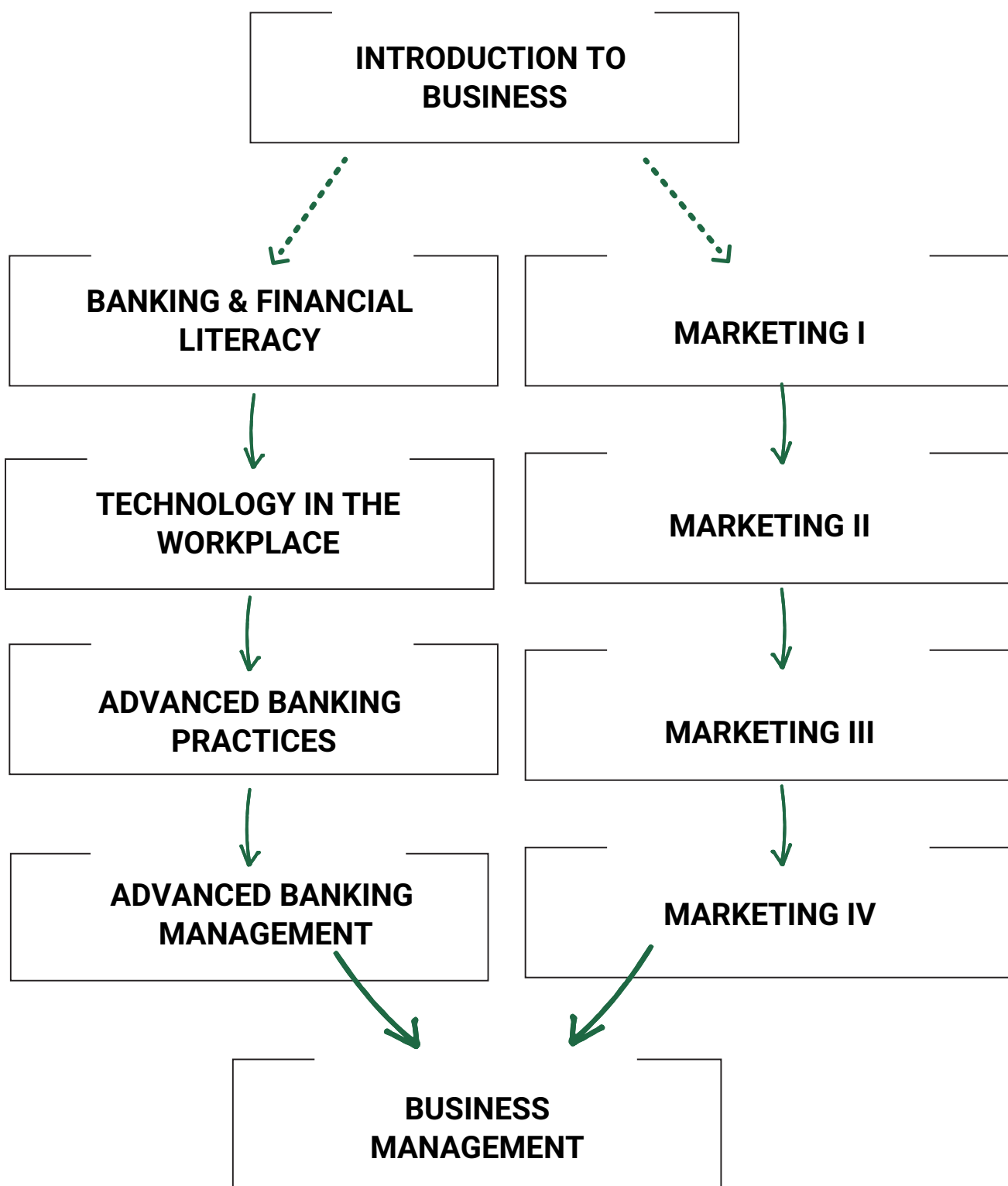
Work in the
Scot Shop!

Internship &
other
resume-
building
opportunities

CAREER FOCUS:

- Marketer
- Business Manager
- Entrepreneur

PROGRAM PATHWAYS:

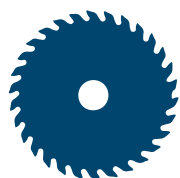


CONSTRUCTION TECH



Teacher:

Ricky Valdez, Rm. 126



Pathway:

(1) Construction Technology

Build projects to bring home!

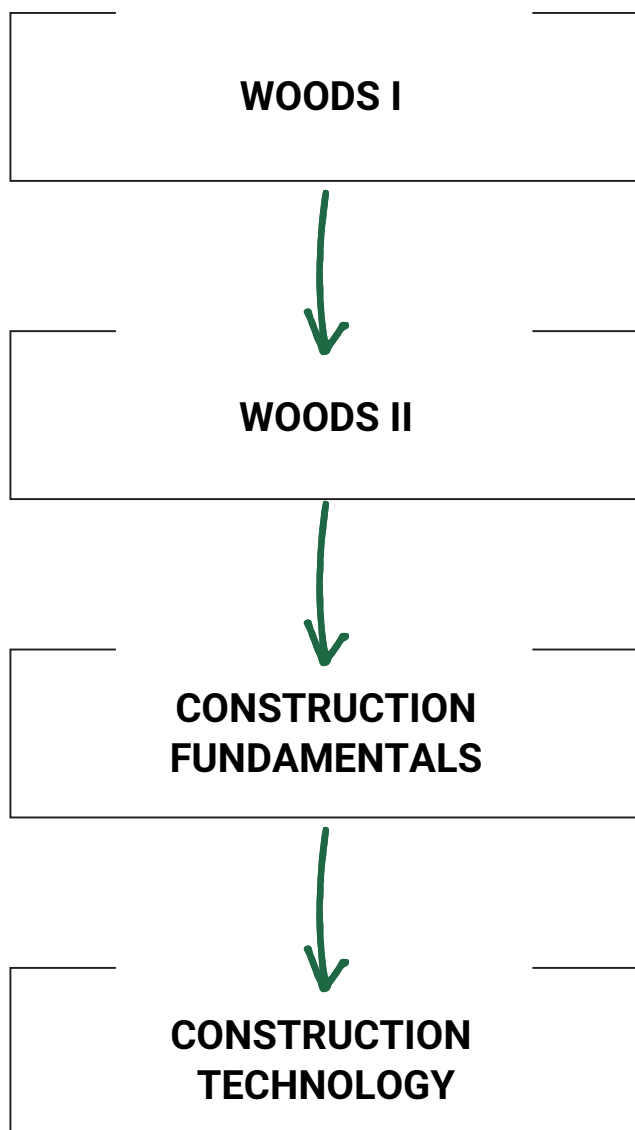
Work on a real Tiny House your senior year!



CAREER FOCUS:

- General Construction
- Carpenter
- Architect/Drafter

PROGRAM PATHWAYS:



CULINARY ARTS



Teacher(s):

Christopher Feskens, Rm. C102
 Kyle Bobbitt, Rm. 109 and Rm.
 C102

QUICK FACTS:



Compete in
 Nat'l Culinary
 Competitions

Cater events
 for McKay
 and the
 community!



Pathway:
 (1) Restaurant
 Management

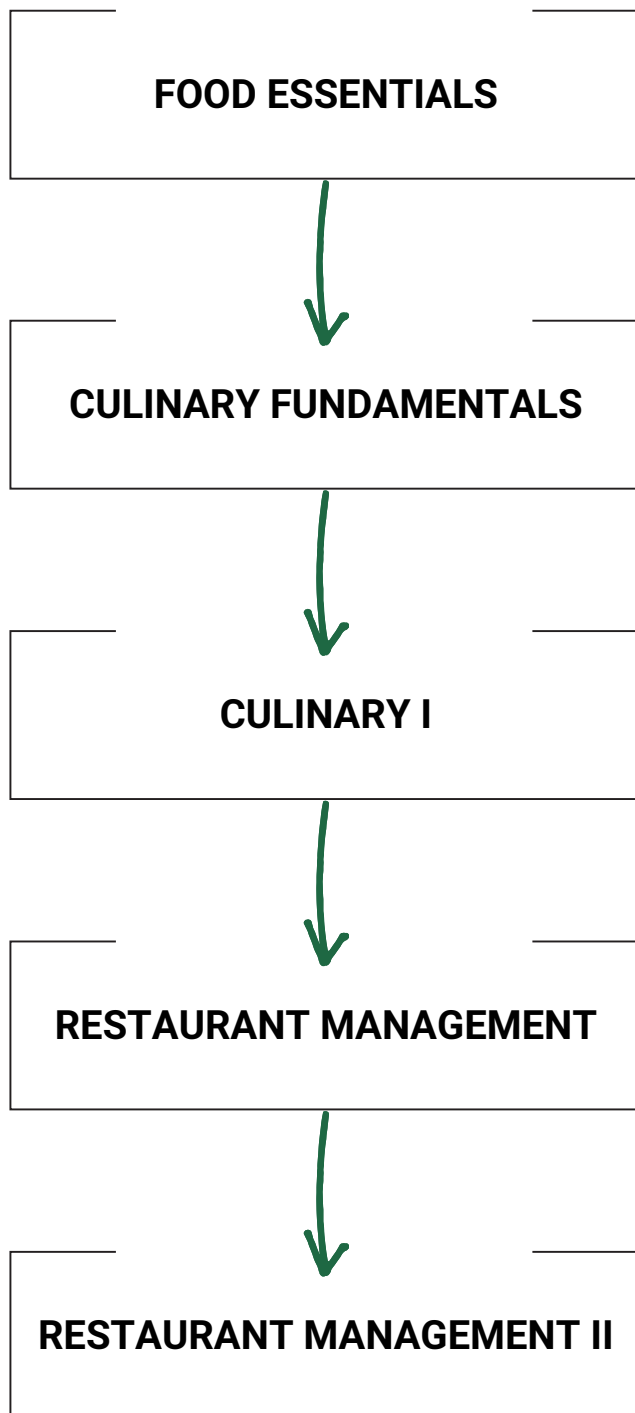
Get Food
 Handler's
 certified & get
 College Credit
 (LBCC)



CAREER FOCUS:

- Chef
- Restaurant Management
- Events & Catering

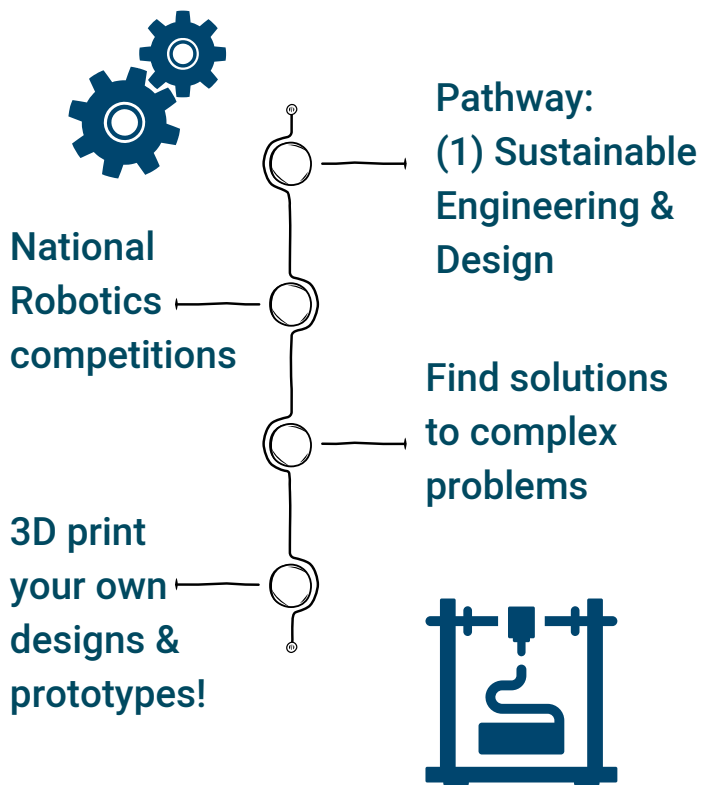
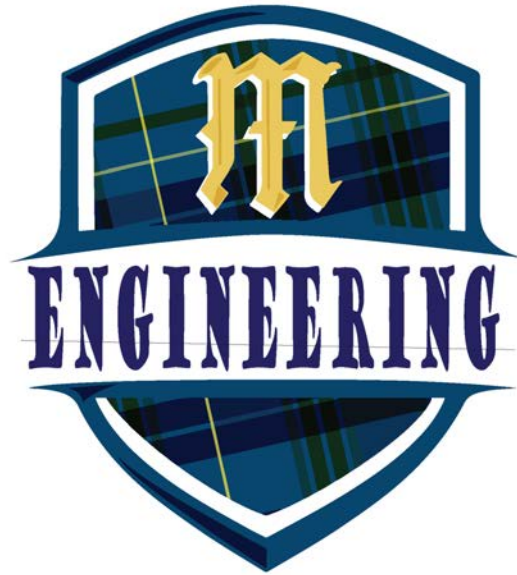
PROGRAM PATHWAYS:



ENGINEERING TECH



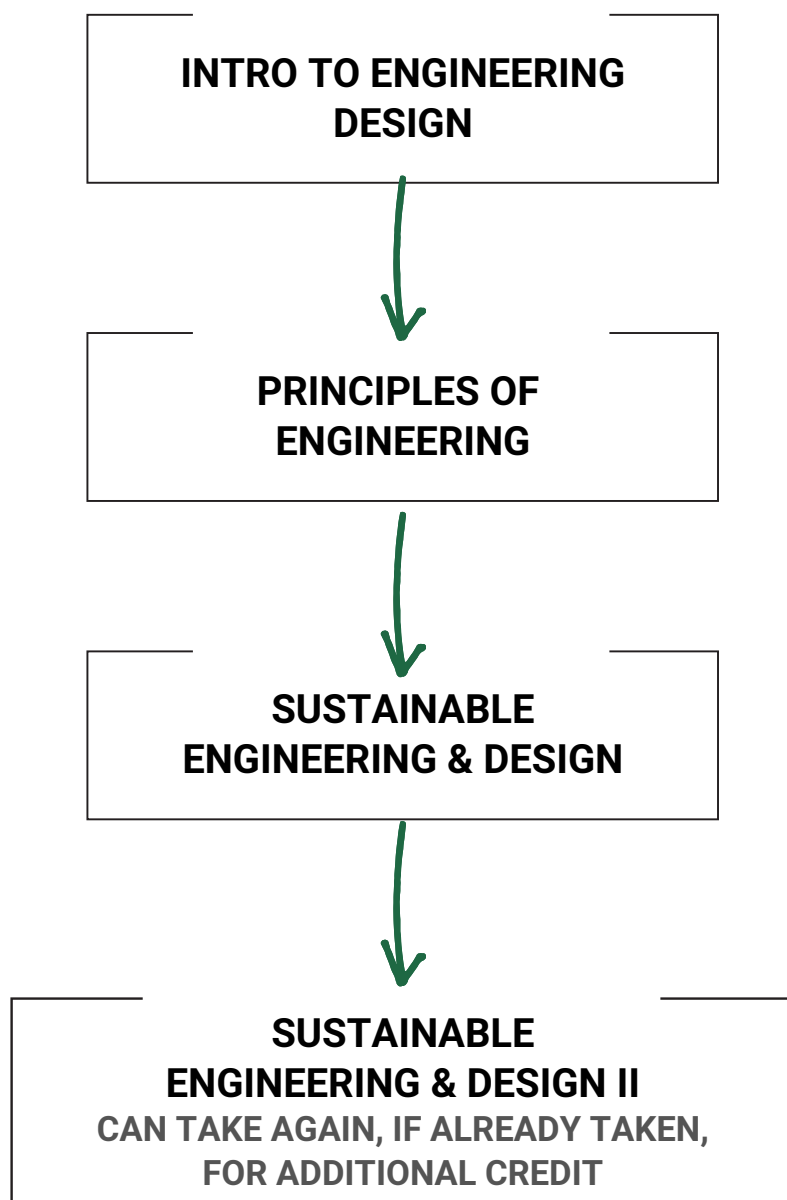
Teacher:
Jay Wylie, Rm. C104



CAREER FOCUS:

- Engineer:
 - Mechanical
 - Computer
 - Electrical
- Computer Aided Design Technician
- Sustainability Expert

PROGRAM PATHWAYS:



HEALTH SERVICES



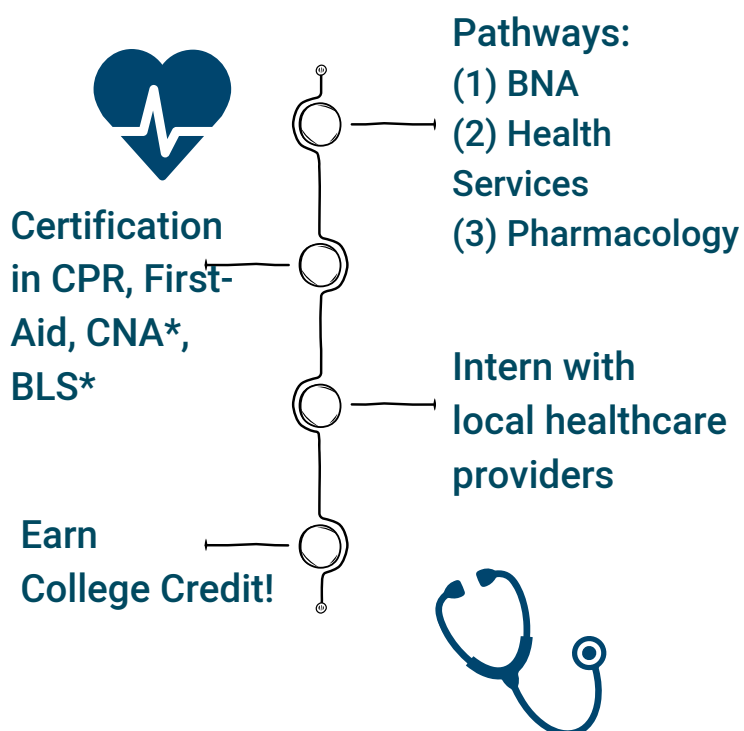
Teacher(s):

Amanda Rivera, Rm. 105

Carol Martinez (not pictured),
Rm. 112



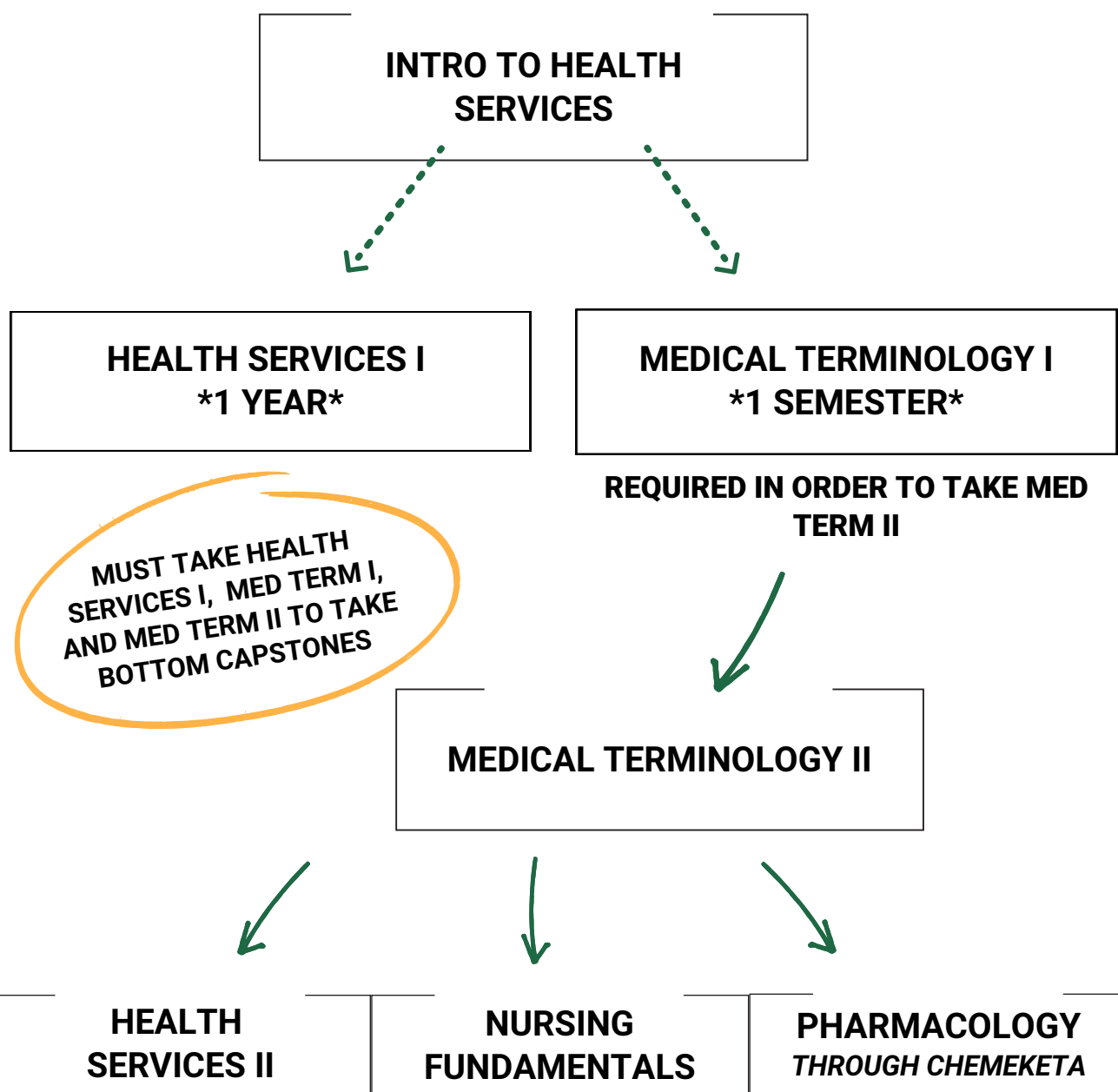
QUICK FACTS:



CAREER FOCUS:

- Basic Nursing Assistant
- Pharmacist
- PA/Physician

PROGRAM PATHWAYS:



YOUR COUNSELORS

A – CAN

NATALIE DUNN

CAR – FI

PASCUAL OROPEZA

FL – HEN

GUADALUPE TORRES

HER – LAR

MERRI BATH-MCDONALD

LAT – MOO

NICHOLAS FUIMAONO

MOR – RAMI

JAVIER GUTIERREZ-BALTAZAR

RAMOS – SN

LONNIE DURAN

SO – Z

CHRISTINA LILLY

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