

BIG BEND COMMUNITY COLLEGE

INDUSTRY, MANUFACTURING & TRADES

AGRONOMY – CERTIFICATE OF ACHIEVEMENT

NAME:



Agronomy is the science of soil management and crop production. Soil and crop production are the base of the agriculture industry. This certificate will provide students the foundational knowledge and skills to work in or support crop production.

This certificate also serves to provide focus for students pursuing an Agricultural Technology and Management Associate in Applied Science (AAS) degree. The degree then offers a customized pathway intended to provide graduates with the skills needed to independently operate or support local, regional and national agriculture industries.

ENTRY REQUIREMENTS

- Complete Admissions and Placement processes
- Meet with Ag Coordinator/Advisor

CERTIFICATE REQUIREMENTS

Related Instruction

- | | |
|--|--|
| <ul style="list-style-type: none"> <input type="checkbox"/> BUS 120 – Human Relations on the Job (4) or
<i>PSYC& 100 – General Psychology (5) or
SOC& 100 – Introduction to Sociology (5)</i> <input type="checkbox"/> CMST 100 – Human Communications (4) or
<i>CMST& 210 – Interpersonal Communications (5) or
CMST& 220 – Public Speaking (5)</i> | <ul style="list-style-type: none"> <input type="checkbox"/> ENGL 109 – Applied Technical Writing (3) or
<i>ENGL& 101 – Composition I (5)</i> <input type="checkbox"/> FAD 150 – Industrial First Aid & CPR (2) <input type="checkbox"/> MAP 117 – Applied Math for Workforce Programs (5) |
|--|--|

Certificate Core

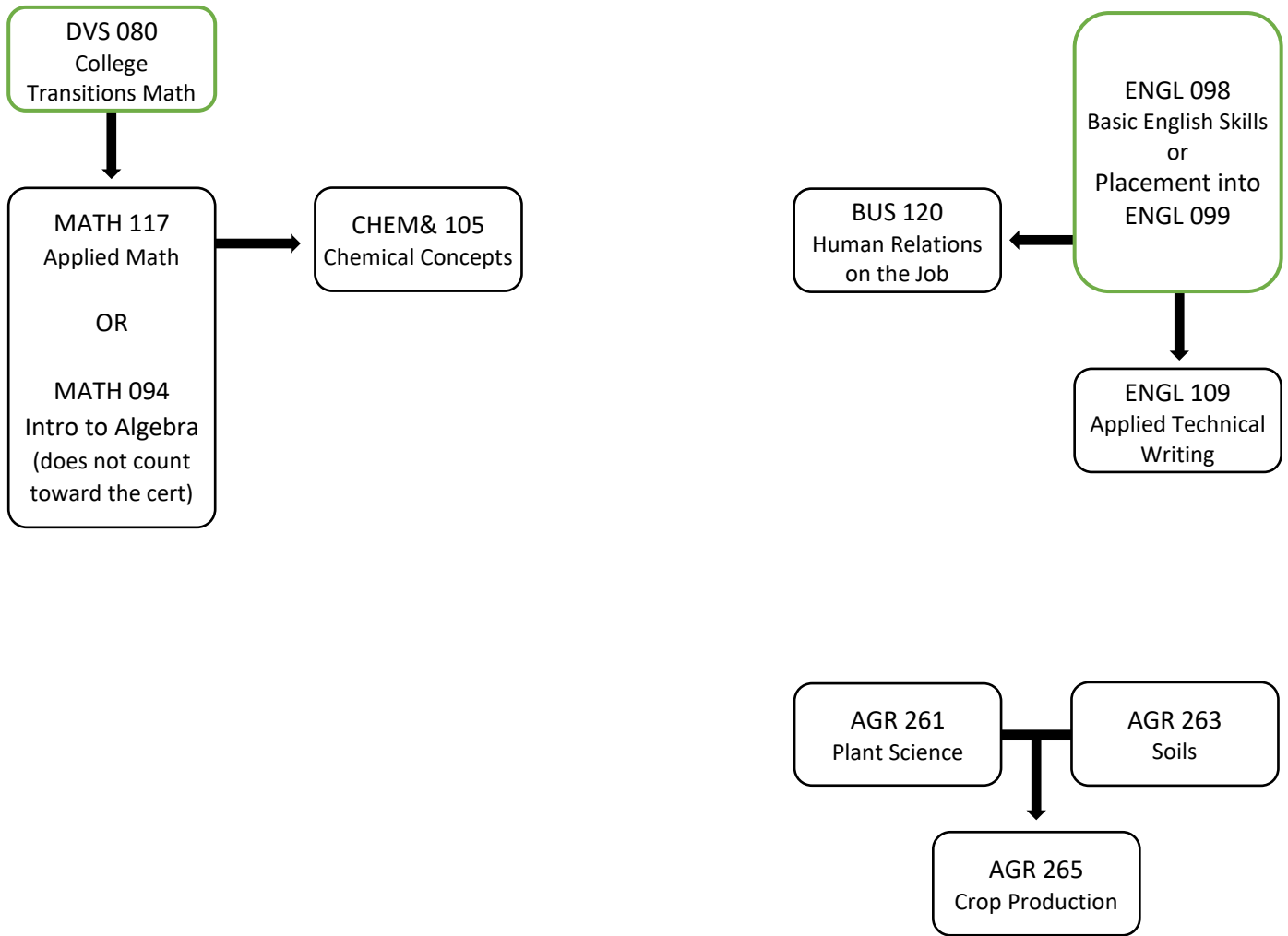
- | | |
|---|--|
| <ul style="list-style-type: none"> <input type="checkbox"/> AGR 101 – Orientation to Ag Industries & Careers (2) <input type="checkbox"/> AGR 110 – Water Management in Agriculture (3) <input type="checkbox"/> AGR 211 – Ag Weeds Identification and Controls (5) <input type="checkbox"/> AGR 251 – Integrated Pest Management (5) | <ul style="list-style-type: none"> <input type="checkbox"/> AGR 261 – Plant Science (5) <input type="checkbox"/> AGR 263 – Soils (5) <input type="checkbox"/> AGR 265 – Crop Production (5) <input type="checkbox"/> CHEM& 105 – Chemical Concepts (5) |
|---|--|

53 TOTAL CERTIFICATE CREDITS

SID:

AGRONOMY CERTIFICATE FLOWCHART

Start by talking with your assigned advisor to determine which courses to take first based on your placement scores.



KEY

STARTING POINT of SEQUENCE

PRE-requisite

CO-requisite

[F = fall W = winter Sp = spring Su = summer]

Courses WITHOUT PRE-requisites

Program Course Requirements

- AGR 101 – Intro to Ag Industry [F]
- AGR 241 – Farm & Ranch Management [F]
- AGR 261 – Plant Science [F]
- AGR 263 – Soils [W]
- CMST 100 – Human Communications
- FAD 150 – Industrial First Aid & CPR

NAME:

AGRICULTURAL BUSINESS QUARTERLY PROGRAM PLAN (YEAR ONE)

FALL (12 credits)	WINTER (13 credits)	SPRING (14 credits)	FALL (14 credits)
AGR 101 (2) AGR 261 (5) MAP 117 (5)	AGR 110 (3) AGR 263 (5) CHEM& 105 (5)	AGR 211 (5) AGR 251 (5) CMST 100 (4) See advisor about AGR 211 and AGR 251	AGR 265 (5) BUS 120 (4) ENGL 109 (3) FAD 150 (2)

ADVISING (YEAR ONE)

FALL	WINTER	SPRING
<input type="checkbox"/> Evaluate math and English placement <input type="checkbox"/> Fill out FAFSA or WAFSA for next year <input type="checkbox"/> Meet with your advisor	<input type="checkbox"/> BBCC Foundation scholarship app for fall quarter courses <input type="checkbox"/> Assess program plan with advisor	<input type="checkbox"/> Explore summer internships or CDL if interested in Ag AAS Degree

AG PROGRAM COURSES – QUARTER SPECIFIC OFFERINGS

FALL	WINTER	SPRING	
AGR 101 (2) AGR 241 (5) AGR 261 (5) AGR 265 (5) GIS 110 (4) UMS 112 (5)	AGR 110 (3)* AGR 263 (5) AGR 272 (5)* GIS 210 (3)	AGR 211 (5) AGR 212 (5) (alternating) AGR 251 (5) (alternating) AGR 271 (5) GIS 220 (3) UMS 107 (2) UMS 142 (6)	AGR 295 (5) AGR 297 (1)

SID:

NAME:

QUARTERLY REGISTRATION PLANNING					
QUARTER: FALL WINTER SPRING SUMMER				REGISTRATION ACCESS CODE:	
CLASS	TITLE	CREDITS	DAYS	TIME	ITEM #

SID:

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QUARTER: FALL WINTER SPRING SUMMER				REGISTRATION ACCESS CODE:	

CLASS	TITLE	CREDITS	DAYS	TIME	ITEM #

**Big Bend Community College
WORKFORCE EDUCATION PROGRAM REQUIREMENTS**

Certificate of Achievement

Students working toward a Certificate of Achievement need to develop a program plan with the faculty advisor in their Workforce Education area of interest. The plan must include all related instruction components. The Certificate of Achievement is designed to provide recognition for the student who has not completed an Associate in Applied Science degree program.

NAME:

Certificate of Accomplishment

Students working toward a Certificate of Accomplishment need to develop a program plan with the faculty advisor in their Workforce Education area of interest. The Certificate of Achievement is designed to provide recognition for the student who does not complete a Certificate of Achievement or an Associate in Applied Science degree program.

Changes or substitutions for course work in the college catalog must be listed and approved by the advisor. It is essential that students meet quarterly with their advisor before registration to review progress and plan their program.

Each program plan must be approved by the Workforce Education program advisor and Dean of Workforce Education. Certificates will be issued out of the Dean of Workforce Education Instructional Services office.

Certificate of Achievement **QTR & YEAR Completed:** _____

Certificate of Accomplishment **QTR & YEAR Completed:** _____

Title of Certificate:

Advisor Approval:

Advisor

Date

Program Completion Approval:

SID:

Dean of Workforce Education

Date

Instructional Services Office Assistant

Date